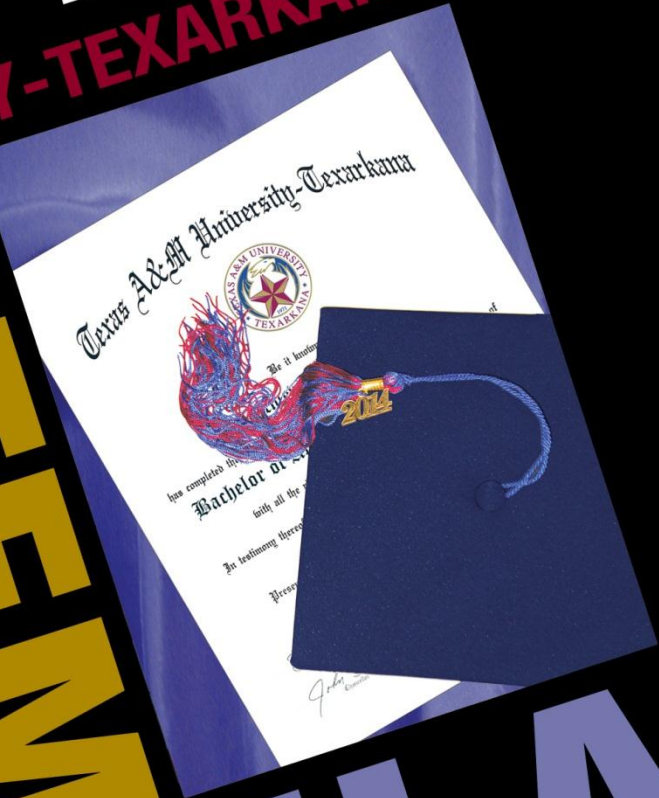


TEXAS A&M UNIVERSITY-TEXARKANA CATALOG 2014-2015



COLLEGE OF COBLENCE



CELA

TEXAS
A&M
UNIVERSITY
TEXARKANA
TAMU-T.edu

**TEXAS A&M UNIVERSITY-TEXARKANA
2014-2015 CATALOG**



**A MEMBER OF
THE TEXAS A&M UNIVERSITY SYSTEM**

7101 University Avenue
Texarkana, Texas 75503
Phone: (903) 223-3000 • Fax: (903) 223-3140
<http://www.tamut.edu>

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-Texarkana 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. Students who begin their education under this catalog should not interpret the catalogue as a contract to continue the program under the provisions in the catalog.

Table of Contents

President’s Message	3
The Texas A&M University System Board of Regents, Administrative Officers, and System Institutions	4
Accreditation, Memberships, and Affiliations	5
Mission, Vision, and Strategic Plan	6
Academic Calendar 2014-2015.....	7
General Information	8
John F. Moss Library	12
Student Affairs	13
Admissions	14
Registration and Records	18
Academic Policy	23
Success Center	40
Tuition and Fees	40
Financial Aid and Veteran Services	50
Scholarships	53
Colleges.....	54
Authorized Degree Programs	55
Pre-Professional Studies	57
Undergraduate Studies	60
Graduate Studies.....	141
Course Descriptions	173



President's Message

I am honored and pleased to serve as the president of Texas A&M University-Texarkana, a university committed to academic excellence and student success!

A&M-Texarkana has served the higher-education needs of our region since 1971 and has been a proud member of The Texas A&M University System since 1996. We have had a great past and look forward to an even stronger future. Thanks to the vision and hard work of our faculty, staff, and community supporters, we have embarked on a new era at our lovely Bringle Lake campus. We are transforming an already-fine institution into a truly comprehensive university that offers a wide array of degree programs, student activities, and residential facilities.

While we provide opportunities associated with large universities, we also hold fast to our small-campus feel. Indeed, faculty know students by their names, not their ID numbers. Our small class sizes encourage interaction among students and faculty, and our staff are dedicated to meeting students' individual needs. This emphasis on student engagement, both inside and outside the classroom, is a hallmark of the A&M-Texarkana experience and one that makes this university a very special place to earn your college degree.

All of us on campus are here to help you achieve your educational goals and are proud that you have joined the Eagle Family as it soars to even greater heights.

Dr. Emily Cutrer

President

Texas A&M University-Texarkana

THE TEXAS A&M UNIVERSITY SYSTEM BOARD OF REGENTS, ADMINISTRATIVE OFFICERS, AND SYSTEM INSTITUTIONS

Board of Regents

Phil Adams
Anthony G. Buzbee
Morris E. Foster
Elaine Mendoza
Judy Morgan
Charles W. Schwartz
Jim Schwertner
Cliff Thomas
John D. White
Colton L. Buckley, Student Regent

Administrative Officers

John Sharp, Chancellor
James Hallmark, Vice-Chancellor for Academic Affairs
Phillip Ray, Interim Chief Financial Officer
Frank B. Ashley III, Vice-Chancellor of Recruitment and Diversity
Brett P. Giroir, Vice-Chancellor for Strategic Initiatives
Steven B. Moore, Vice-Chancellor of Marketing and Communications
Guy Diedrich, Vice-Chancellor for Federal and State Relations
Ray Bonilla, General Counsel
Jon Mogford, Chief Research Officer
Catherine A. Smock, Chief Auditor
Janet Smalley, System Ethics and Compliance Officer

System Universities

Texas A&M University
Prairie View A&M University
Tarleton State University
Texas A&M International University
Texas A&M University-Corpus Christi
Texas A&M University-Kingsville
West Texas A&M University
Texas A&M University-Commerce
Texas A&M University-Texarkana
Texas A&M University-Central Texas
Texas A&M University-San Antonio
Texas A&M Health Science Center

Agencies

Texas AgriLife Research
Texas Engineering Experiment Station
Texas Forest Service
Texas AgriLife Extension Service
Texas Engineering Extension Service
Texas Veterinary Medical Diagnostic Laboratory
Texas Transportation Institute

ACCREDITATION, MEMBERSHIPS, AND AFFILIATIONS

The Southern Association of Colleges and Schools Commission on Colleges has accredited Texas A&M University-Texarkana to award baccalaureate and master degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, or call 404-679-4500 for questions about the accreditation of Texas A&M University-Texarkana.

A&M-Texarkana holds numerous memberships in selective associations and societies dedicated to the promotion of high standards in university programs.

The university maintains affiliation with the following:

- Academy for Studies in International Business
- American Association of Notaries
- American Association of State Colleges and Universities
- American Payroll Association
- Amigos Library Services
- Association of Chief Academic Officers of Southern States
- Association of College and University Telecommunications Administrators
- Better Business Bureau
- Association to Advance Collegiate Schools of Business
- Council for Advancement and Support of Education District IV
- Educause
- Innovative Users Group
- Mount Pleasant/Titus County Chamber of Commerce
- National Academic Advising Association
- National Association of College and University Business Officers
- National Association of Educational Procurement
- National Association of Student Financial Aid Administrators
- Northeast Texas Consortium of Colleges
- National Tutoring Association
- Southwestern Business Dean's Association
- Texarkana Chamber of Commerce
- Texarkana Chamber of Commerce: Economic Development Council
- Texarkana Regional Arts and Humanities Council
- Texas Alternative Certification Association
- Texas Association of Collegiate Veteran Program Officials
- Texas Association State Senior College and University Business Officers
- Texas Council of Academic Libraries
- Texas Council of Chief Academic Officers
- Texas Council of Faculty Senates
- Texas Council of Public University Presidents and Chancellors
- Texas Society of Certified Public Accountants

MISSION, VISION, AND STRATEGIC PLAN

Mission

As a member of The Texas A&M University System, Texas A&M University-Texarkana is a comprehensive regional university that provides students with academically challenging, engaging, and rewarding educational experiences through quality teaching, scholarship, student-support services, co-curricular programming, research, and service. The personal attention of our faculty and staff provides students the opportunity to acquire the knowledge, abilities, and skills to become leaders in their chosen professions and prepare for the opportunities of serving in a global environment.

Vision

Texas and the four-states region recognize A&M-Texarkana as a comprehensive university known for

- attention to individual student success;
- excellent teaching and learning experiences;
- successful partnerships;
- commitment to regional economic, social, and cultural development; and
- expanding research agendas.

Strategic Plan

For the “Strategic Plan” please visit: <http://tamut.edu/Administration/office-of-the-president/strategic-planning.html>.

2014-15 ACADEMIC CALENDAR

Please see the 2014-15 academic calendar or click the following link:

<http://tamut.edu/calendar.html>.

August 2014

S	M	T	W	T	F	S	
					1	2	8/25: First day of class
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31							Fall Semester: 8/25-12/10

March 2015

S	M	T	W	T	F	S	
1	2	3	4	5	6	7	Spring Break
8	9	10	11	12	13	14	3/16-3/20 (no classes)
15	16	17	18	19	20	21	3/19-3/20 (University closed)
22	23	24	25	26	27	28	
29	30	31					

September 2014

S	M	T	W	T	F	S	
	1	2	3	4	5	6	9/01: Labor Day
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30					

April 2015

S	M	T	W	T	F	S	
			1	2	3	4	
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30			

October 2014

S	M	T	W	T	F	S	
			1	2	3	4	
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30	31		

May 2015

S	M	T	W	T	F	S	
					1	2	5/13: Last Class Day
3	4	5	6	7	8	9	5/16: Graduation
10	11	12	13	14	15	16	5/11-13: Final Exams
17	18	19	20	21	22	23	5/25: Memorial Day
24	25	26	27	28	29	30	
31							

November 2014

S	M	T	W	T	F	S	
						1	11/27: Thanksgiving
							11/28: Holiday
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30							

June 2015

S	M	T	W	T	F	S	
	1	2	3	4	5	6	6/08: First class day Sum 1, Sum 5 week, & Sum 10 week
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30					

December 2014

S	M	T	W	T	F	S	
	1	2	3	4	5	6	12/10: Last class day
							12/13: Graduation
7	8	9	10	11	12	13	12/25: Christmas Day
14	15	16	17	18	19	20	12/24 - 1/2: Holidays
1	22	23	24	25	26	27	12/8-10: Final Exams
28	29	30	31				

July 2015

S	M	T	W	T	F	S	
			1	2	3	4	7/04: Independence Day
5	6	7	8	9	10	11	7/08: Last class day Sum I
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	7/13: First class day Sum II
26	27	28	29	30	31		

January 2015

S	M	T	W	T	F	S	
				1	2	3	1/05: University reopens
							1/19: MLK Holiday
4	5	6	7	8	9	10	1/20: First class day
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25	26	27	28	29	30	31	Spring Semester: 1/20-5/13

August 2015

S	M	T	W	T	F	S	
						1	8/12: Last class day Sum II & Sum 10 week
2	3	4	5	6	7	8	8/24: First class day
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31						

February 2015

S	M	T	W	T	F	S	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	

GENERAL INFORMATION

Statement of Equal Opportunity

A&M-Texarkana does not discriminate on the basis of race, color, religion, sex, national origin, disability, age, genetic information, or veteran status in its academic programs, activities, or employment practices. Students may direct inquiries regarding compliance to Human Resources, 7101 University Ave., Texarkana, Texas 75503, telephone (903) 223-3012; the Director of the Office for Civil Rights, Department Education, Washington, D.C.; or the Texas Commission on Human Rights, Austin, Texas.

Statement of Sexual Harassment

A&M-Texarkana will neither accept nor tolerate sexual harassment of students or employees. Guidelines governing the university policy are available upon request from the Office of Student Life and the Office of Human Resources/EEO for employees.

Sexual Misconduct

Sexual misconduct is a violation of university standards of conduct for students, faculty, staff, and the university community as well as a violation of the law.

Sexual misconduct includes, but is not limited to, forcing, threatening to force, coercing, or deceiving another to engage in sexual activity or engaging in sexual activity with another knowing that the person does not want to engage in the activity, feels the activity is offensive, or is unable to assess the nature of or control the conduct.

Sexual misconduct also includes engaging in sexual activity with another when that person has impaired judgment or control due to drugs or other intoxicants.

Engaging in sexual conduct without consent is a serious offense; furthermore, the person may withdraw such consent, whether verbal or non-verbal, at any time without regard to activity preceding the withdrawal of consent.

The university will not tolerate such offenses that may cause not only physical harm but also emotional harm. Please see our Web site (<http://tamut.edu/Student-Life/Title%20IX/index.html>) for additional information.

Direct questions or concerns about sexual misconduct to:

Carl Greig

Assistant Vice President of Student Affairs /Title IX Coordinator

UC Room 126

cgreig@tamut.edu

903-223-3062

or

Ricky Norton

Director of Human Resources

UC Room 427

rnorton@tamut.edu

903-223-3012

Disability Accommodations

Students who need assistance with disability accommodation should contact Carl Greig in the Office of Student Life, Room 126. Students who have a request for accommodations should contact the A&M-Texarkana Student Life Office to request appropriate accommodations, complete a release, and provide documentation of a disability to the A&M-Texarkana Office of Student Life. Documentation must come from a professional that is qualified to diagnose the disability, and the documentation should be less than five years old. The university addresses accommodation requests on a case-by-case basis. Contact the Office of Student Life if you have any questions or concerns. You may locate the Office of Student Life in room 126 of the University Center, or you can visit our Web page at <http://tamut.edu/Student-Life/Disability%20Services/index.html>, send an e-mail to Carl Greig at cgreig@tamut.edu, or call 903-223-3062 for additional information.

Directory Information

In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), A&M-Texarkana will release the following directory information upon request: student's name, address (permanent and local), telephone listing, photograph, date and place of birth, enrollment status (undergraduate, graduate, classification, etc.), major field of study, participation in officially recognized activities and sports, dates of attendance, degrees, certificates and awards received, type of award received, e-mail address, full-time or part-time status, and most recent previous educational agency or institution the student attended.

Any student who objects to the release of all or any part of the directory information on file in his or her name must notify the Office of Admissions in writing that he or she does not wish to have such information released. The university will honor this request and will hold all of the information confidential.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the university to comply with the requirements of FERPA. The name and address of the office that administers FERPA is the Family Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-4605.

Class Changes

Classes are subject to change at any time. The registrar may withdraw any course from the current listing if the enrollment is too small to justify conducting the course or as a result of a reduction in funding.

Web for Students

Web for Students is a Web-based interface to A&M-Texarkana's student-information system. Students can access *Web for Students* to view their admission status, view their account summary, register for classes, access financial-aid information, access grade information, access holds information, and obtain transcripts.

How to use *Web for Students*:

1. From <http://www.tamut.edu>, select "Current Students" and click on "Web for Students" or go directly to <https://eagles.tamut.edu>.
2. Click on "Enter Secure Area."
3. Enter the User ID. The university has provided the student with his or her User ID in previous correspondence.
4. Enter the PIN. The first time the student accesses *Web for Students*, the password will be his or her

date of birth (example - April 15, 1975 = 041575). The system will ask the student to change the PIN by selecting another six-digit number that is not his or her date of birth.

5. The student must set up a Pin Question and Answer the first time he or she accesses *Web for Students*.
6. Follow the instructions on the screen to select the desired information.
7. To register for classes, select “Registration” and “Add or Drop Classes.”
8. To check grades, select “Student Records” and “Final Grades.”

Note: To register for classes using *Web for Students*, the student must enter the five-digit call number (Call#) for the course. The Call# is located before the section number in the course listing. Students may access *Web for Students* on any computer with Internet connectivity. Students who do not have access to the Internet from home may use computers that are available in the library or access the Web via a computer terminal available in the Office of Admissions. Once classes begin, students may not withdraw from the university on *Web for Students*. A student who wishes to drop or withdraw should contact the Office of Admissions.

Communication with the University. Students should rely upon ACE e-mail as the primary means of communication with the university, faculty, and staff. Enrollment Services, Student Success Center, and colleges will transmit communications through ACE e-mail.

Semester Grades

Instructors post semester grades to *Web for Students* at the end of the term. The university will not mail grades to the student. Students should log on to *Web for Students* to obtain their grades. (Instructions are listed above.) Students who have questions should contact the registrar's office at (903) 223-3069.

Blackboard Courses

A&M-Texarkana uses *Blackboard* Web-course-management software that allows easy access to all of the Web-based and Web-enhanced courses, including a student-orientation course designed to familiarize students with the basic course functions of the *Blackboard* tools.

The student may find information about *Blackboard*, including information about how to logon, on the university home page at <http://www.tamut.edu>.

1. Choose “Current Students” (at the top of the page) and then “Blackboard.”
 2. When a student is ready to access a course, he or she should select “Go to My Blackboard.”
- Note: Faculty may not allow access to *Blackboard* until the first day of the term.

Graduate Comprehensive Examinations

Specific colleges may require graduate students to pass a comprehensive examination covering work within the graduate program including, if applicable, an acceptable defense of the thesis. Please see the university's Web site for a schedule of classes for each term then see “Comprehensive Exam Dates.”

Texas Success Initiative (TSI)

All students taking college-level courses must satisfy Texas Success Initiative (TSI) requirements unless they qualify for a TSI exemption, waiver, or exception. Click [THECB Rule 4.54](#) for TSI Exemptions.

Before students take the TSI Assessment, **participate in a Pre-Assessment Activity**. Texas A&M University-Texarkana must provide the Pre-Assessment Activity as well as document students' participation, so students *must* complete this activity before they take the test. In addition, A&M-Texarkana **will not allow students to take the TSI Assessment until they have completed this activity**. **The activity includes the following:**

- an explanation of the importance of the TSI Assessment;
- practice test questions and feedback;
- an explanation of the developmental-education options, if the student does not meet the minimum passing standards; and
- information on campus and community resources to help the college student succeed.

Students must prepare for this exam just as they would for any other exam. Solid preparation for the exam can save students both time and money. Additionally, students should take the exam seriously in order for TSI to generate an accurate measure of students' academic skills. This measure ensures that A&M-Texarkana correctly places students into their academic courses.

Remote testing is an option for freshman and transfer students who reside out of state or in state and are unable to travel to A&M-Texarkana to test.

Contact the Testing Center at (903) 223-3072 or testingcenter@tamut.edu. Due to limited seating, a student must contact the Testing Center and schedule a time to take the TSI exam. Click [TSI Assessment](#) for additional information.

Developmental Education

The developmental-education program offers courses in English, mathematics, and reading to help learners attain the skills to succeed in college-level courses. Because of students' diverse learning styles and preferences, we offer more than traditional classroom instruction, including self-paced computerized learning modules, integrated reading and writing, accelerated math, and supplemental instruction. A student enrolled in a developmental-education course may not drop the course without facing a forced withdrawal from the university.

Students may not miss more than two weeks of classes. At least seven (7) days prior to the last day to drop a course for the semester or session, the instructor of the course may administratively drop a student who has missed a total of four (4) class meetings for a Tuesday-Thursday course or (6) class meetings for a Monday-Wednesday-Friday course. If the instructor does not rescind the administrative drop, this letter will include language regarding the possibility of a student's forced withdrawal and that he or she will incur any necessary financial penalty. **For more information about the TSI and developmental education, please contact the Developmental Education Coordinator at (903) 334-6656 or DevEd@tamut.edu.**

Campus Security and Safety

The university endeavors to place the safety and health of students, employees, and visitors above all other priorities. Nothing is more important than a human life. The university currently has a chief of police, a police sergeant, and three police officers. All are licensed, commissioned police officers in the state of Texas. The University Police Department (UPD) also employs three security officers and two student workers. In the event of an emergency or the need to report any criminal activity, please call the UPD directly at (903) 334-6611 or on campus at extension 6611. The UPD will handle the request for assistance immediately.

A&M-Texarkana encourages students to become familiar with the Code of Student Rights and Responsibilities (Code). A&M-Texarkana will prosecute all violators of the criminal portion of the Code as well as all those who engage in criminal activities on campus through the criminal-justice system. The UPD encourages students, faculty, and staff to take responsibility for their own security and safety as well as that of others while on the campus. Working together will minimize risk and will help ensure the safety and security of all.

Campus Crime Report

A&M-Texarkana produces an annual campus crime report that all can view on the university's Web site by clicking on "Administration" and then "University Police and Campus Safety Reports" or by clicking this link:

<http://www.tamut.edu/Administration/University%20Police/2013%20Campus%20Safety%20Report.pdf>.

The "Campus Crime Report" provides information on campus security, crime-prevention practices, reporting crimes, drug-and-alcohol information, sexual assaults, and crime statistics showing the amount of crime occurring on campus over the last three-year period. Call the UPD at (903) 223-3114 to obtain a paper copy of the "Campus Crime Report."

Sex Offender Registration Information

The Federal Campus Sex Crimes Prevention Act requires institutions of higher education to advise the campus community where it may obtain state-provided law-enforcement agency information concerning registered sex offenders.

In Texas, the Texas Department of Public Safety (DPS) is the statewide source of information on sex offenders who the law requires to register. The campus community may obtain DPS sex offender registration open-record information on the DPS Website at

<https://records.txdps.state.tx.us/SexOffender/index.aspx>.

JOHN F. MOSS LIBRARY

A&M-Texarkana named its library in honor of the university's founding president, Dr. John F. Moss. Students may locate the library on the south side of the third and fourth floors in the University Center. Patrons may use the lobby elevators to access the entrance on the third floor.

The library's mission is to fulfill the purpose and goals of the institution. The library collects, preserves, and provides access to information resources in both traditional and evolving-technology formats; it supports instructional, research, and public-service programs. The library offers timely services for faculty, administration, students, and staff and assists in educational development and lifelong learning.

The library is a spacious, modern facility with large windows overlooking the campus and lake. It provides students, faculty, and visitors with a variety of common spaces to appeal to individual preferences and needs including casual seating, comfortable lounge areas, study nooks, group and individual study tables, and group-study rooms. Casual seating and study tables extend into both the third and fourth floor lobbies just outside the library's walls.

For users' convenience, the library provides the following amenities: KIC (the Knowledge Information Center); microform reader-printers; an open computer lab for class assignments or research; computer

print stations (black and white or color); and check-out of laptops, external DVD+RW drives, calculators, and e-readers.

The library has a reciprocal library usage agreement with Texarkana College. Students from either school can use the other's library and have access to assistance, reference services, computers, and checkout privileges. The libraries share an online catalog, the EAGLIT, which enables them to function as two branches. The abbreviation JFM indicates materials contained in the John F. Moss Library, and PML indicates materials contained in the Palmer Memorial Library. The EAGLIT catalogue includes their joint holdings and indicates the resource's format and location within each facility. Students may search at either facility or from any computer with Internet connectivity.

Patrons may find additional information at the following link: <http://library.tamut.edu/>

STUDENT AFFAIRS

The staff of the Office of Student Affairs encourages students to take advantage of all the opportunities that the university has to offer to support, engage, and prepare them to be successful academically. The staff strives to broaden student opportunities to learn, develop, and interact as well as to involve themselves in campus life and acquaint themselves with all the exciting events taking place on campus. These opportunities provide life-long friendships and connections.

The following offices and programs comprise Student Affairs:

- Campus Recreation (Intramurals and Fitness)
- Disability Services
- Health and Counseling Services
- Housing and Residential Life
- Club Sports
- Judicial Affairs
- Student Activities and Programs
- Student Complaints and Grievances
- Student Government
- Student Life

The staff labors to assist and help students make their experience at A&M-Texarkana effortless and unproblematic. The staff encourages students to contact Student Affairs for assistance. Students may find additional information at the following link: <http://tamut.edu/Student-Life/index.html>.

Student Rights and Obligations

Students must respect one another's rights. These rights include respect for personal feelings, freedom from indignity of any type, freedom from the control of others except as may be in accord with published rules and procedures of A&M-Texarkana or the Texas A&M University System, and conditions that allow the best use of time and talents toward educational objectives. No officer or student, regardless of position or rank, shall violate these rights; the university will allow no custom, tradition, or regulation in conflict with these rights to prevail. At all times, students must recognize constituted authority, conform to the ordinary rules of good conduct, maintain honesty, respect the rights of others, protect private and public property, and make the best use of time toward the completion of an education. The "Code of Student Rights and Responsibilities" (Code) is neither exhaustive nor does it encompass all possible relationships between students and the institution. The "Code" is not rigid or unchangeable. As the relationship between students and the university grows, authorities may modify the "Code."

Students should know and observe university rules and procedures. Ignorance of these rules and procedures does not excuse students from adherence to them. Staff and university officials should

endeavor to inform students of university rules, regulations, policies, and procedures whenever the circumstance applies. Students may find additional information at the following link:

<http://tamut.edu/Student-Support/Grievance%20Procedures/Code.html>.

ADMISSIONS

Applying for Admission

To apply for admission to A&M-Texarkana, please complete the application published online at www.applytexas.org.

Please answer all questions on the 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, additional forms, official transcripts from all previous colleges and universities, and official transcripts showing high-school graduation, and supporting documents constitute the basis upon which authorities determine eligibility for admission. For a complete listing of admissions requirements, please visit the admissions Web site at www.tamut.edu/admissions.

In accordance with the Texas record-retention requirements, the admissions office will keep an application for admission on file for one year. After that date, the office will destroy the application for admission and file contents.

Application Fee

Admissions WILL NOT process an application until the potential student pays an application fee. Please allow 2-4 weeks for processing. Admissions must receive the application fee and admissions documents (transcripts, test scores, medical records, etc.) within 90 days of submission of the application to avoid cancellation. The applicant *must* review the admissions requirements and check his or her admission status online regularly to confirm receipt of the items Admissions requires for his or her admission file. Students may find admissions criteria and requirements online at www.tamut.edu/admissions.

Priority Deadlines

February 1st—fall semester

May 1st—summer sessions

October 1st—spring semester

Transcripts and Test Scores

The applicant must request official transcripts from all colleges and universities that he or she has ever attended. These transcripts include correspondence courses and credit obtained through the College Level Examination Program (CLEP), Defense Activity for Non-Traditional Education Support (Dantes), and Advanced Placement (AP) Exam. If a student is or has been a member of any branch of the military, he or she has an Army/American Council on Education Registry Transcript System (AARTS), Sailor/Marine American Council on Education Registry Transcript (SMART), or Community College of the Air Force (CCAF) transcript. A student **cannot** disregard any part of the college record except under provisions of the Academic Fresh Start Policy. Failure to submit all transcripts could result in administrative withdrawal from the university. Students cannot use records from one institution posted on a transcript from a second institution for admission purposes. Students can hand deliver transcripts and test scores (CLEP, Dantes, and AP) in a sealed envelope, or the issuing college or university can mail the documents

directly. Please use the physical address as the mailing address when requesting transcripts and test scores:

Texas A&M University-Texarkana
7101 University Avenue
Texarkana, TX 75503

All undergraduate students must have a cumulative grade point average (GPA) of 2.0 on all transferable coursework.

Students must submit any work attempted at another college subsequent to admission to the university whether or not students earned credit. Transcripts become the property of the university, and the university **CANNOT** return the transcripts to the student. The university will keep the transcripts on file for one year **ONLY** if the student does not enroll.

Academic Fresh Start

Senate Bill 1321 entitles residents of Texas to seek admission to public institutions of higher education without consideration of courses the students took ten or more years prior to enrollment. Applicants who elect to apply for admission under this law and who the university admits as students may not receive any course credit for courses taken ten or more years prior to enrollment. The student must declare this option at the time he or she applies for admission to the university. Students who declare Academic Fresh Start are not eligible for graduation honors. Contact the Director of Admissions and Outreach or Assistant Director of Admissions for further information.

Test of English as a Foreign Language (TOEFL) Exam

Students from non-native, English-speaking countries must pass the TOEFL test prior to enrolling at A&M-Texarkana. Minimum scores are 550 on the paper-based test, 213 on the computer-based test, and 79 on the Internet-based test. Students exempt from taking the TOEFL test include degreed students from postsecondary institutions in English-speaking countries and students who have successfully completed two years (48 semester credit hours [SCH]) of study in an English-only environment..

Residency

The university bases residency status upon information obtained from the application for admission. Applicants must answer all questions on the application for admission accurately and honestly. If a current student believes that his or her residency status may have changed, the student must report this change of status to the registrar's office. If a new student or applicant believes that his or her residency status may be incorrect, he or she should contact the Office of Admissions. For additional information, click the following link:

<http://tamut.edu/Admissions/What%20You%20Need%20to%20Know/Texas.html>.

Bacterial Meningitis

Senate Bills 33 and 1107

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

The 82nd Texas Legislature, Regular Session, 2011, revised existing statutory requirements for higher-education students related to vaccination against bacterial meningitis. The revision now requires all entering students to show evidence of an initial bacterial-meningitis vaccine or a booster dose during the five-year period preceding enrollment at an institution. Entering students include first-time students of public, private, and independent institutions of higher education and transfer students (students who previously attended an institution of higher education before January 1, 2012) who are enrolling in the same or another institution of higher education following a break in enrollment of at least one fall or spring semester.

At A&M-Texarkana, students must provide evidence of a bacterial-meningitis vaccine prior to registering for classes. For additional information, click on the following link:

<http://tamut.edu/Admissions/What%20You%20Need%20to%20Know/Bacterial%20Meningitis.html>.

Updating the Student Record

The university bases records of a student's biographical information, address, etc. upon the information on the student's application for admission. Students must report changes made to their records AFTER they have registered in writing to the registrar's office. Once a student has attended the university, the university WILL NOT process name changes on the student e-mail account.

The student is responsible for any university communication the university mailed to the name and address on record. A student must present sufficient documentation when he or she changes his or her name. Students may locate these listed items on the student-update form on the Admissions and Registrar Web sites.

Admissions Requirements and Procedures

Students may find a complete list of admissions procedures and requirements for the student types listed below on the Admissions Web page at the following link: <http://www.tamut.edu/admissions/index.html>. The student should choose from the Admissions Web page the level that best represents his or her academic situation. The selected page will describe how to apply.

Concurrent Enrollment and Dual Credit

High-school students interested in taking college-level courses for dual-credit or concurrent enrollment must receive approval from their high-school counselor or principal. The approval form is available on the Admissions Web page.

Freshman

A student should submit a freshman application if he or she

- graduated high school or earned a General Equivalency Diploma (GED),
- will graduate high school or earn a GED, or
- earned 1-29 hours of college credit after high-school graduation or receipt of a GED.

The university considers a student a freshman applicant if he or she has earned college credit prior to high-school graduation or received a GED (dual credit, concurrent enrollment, etc.) regardless of the number of semester credit hours earned.

Freshmen students MUST have a cumulative transfer GPA of 2.0 on all transferable college-level course work to be eligible for admission to the university.

Transfer

A student should submit a transfer application if he or she earned 30 or more transferable college-credit hours.

College credit hours include

- CLEP credit,
- DANTES credit,
- military credit –AARTS, SMART, CCAF, or
- college attendance (after high-school graduation or receipt of a GED).

Transfer students **MUST** have a cumulative transfer GPA of 2.0 on all transferable college-level course work to achieve eligibility for admission to the university. The university will estimate this GPA prior to determining an admission decision.

Transient

A student should submit a transient application for admission if he or she is taking courses at A&M-Texarkana for one semester and will transfer the courses back to his or her home college or university to fulfill degree requirements.

Graduate

A student should submit a graduate studies application for admission if he or she is

- a student who has earned a bachelor's degree or
- a student who has earned a bachelor's degree and is seeking certification through the Alternative Certification Program or Deficiency Plan.

Students who have earned bachelor's degrees and submit a graduate-studies application are eligible to enroll in undergraduate and graduate courses.

Graduate students must meet the course requirements, including but not limited to testing or prerequisites, prior to enrollment.

Note: Degree-seeking students must submit additional paperwork to the Graduate Studies Office for program admission. Students may find additional information at the following link:
<http://tamut.edu/Admissions/Graduate%20Admissions/index.html>.

Returning

A student should submit a returning or readmit application for admission if he or she is a student who has previously attended A&M-Texarkana but has been on a break for a year or longer.

International

A student should submit an international application for admission if he or she is

- not a U.S. citizen or
- not a permanent resident of the U.S.

Contact the Director of Student Life for additional information by clicking the following link to the international-student section of the Offices of Student Life: <http://www.tamut.edu/student-life/international-student-service/index.html>.

Note: Graduate-studies, degree-seeking students must submit additional paperwork to the Graduate Studies Office for program admission. Students may find additional information at the following link:

Application Cancellation

A student's failure to submit the checklist items AND pay the application fee within 90 days of the receipt of the student's application will result in the cancellation of the student's application.

Admission Decisions

A&M-Texarkana reserves the right to rescind an admission decision in the event that the university obtains additional factors regarding, but not limited to, the student's academic performance and omission of information.

Admission Appeal Process

The alternative admissions process offers students who do not meet institutional requirements for automatic admissions alternate consideration..

The university will consider applicants for admission after submitting the alternative admissions application to the Office of Admissions. The Alternative Admissions Committee will examine the applications and may ask applicants to participate in an interview. The due date for freshman applicants is June 1st each year.

Contact the Office of Admissions for more information.

REGISTRATION AND RECORDS

Registration

The university publishes a schedule of classes for fall, spring, and summer terms. Students may find the scheduled registration dates listed in the semester-schedule portion of the schedule of classes.

The university encourages students to register for classes online through *Web for Students*. Please see the directions listed below. Students may also register in person in the university One Stop (UC260) in University Center, by fax using (903) 223-3140, or by e-mail using Registrar@tamut.edu.

Concurrent Enrollment

Students may enroll concurrently with A&M-Texarkana and with another college or university (including correspondence course work). No written permission for concurrent enrollment is necessary. However, the university will require a transcript once the student completes the courses. The issuing college or university may directly mail this transcript to the A&M-Texarkana campus. The university will accept hand-delivered or mailed official transcripts if they are in a clearly sealed, university-issued envelope. Students may not enroll concurrently during their final semester at A&M-Texarkana.

Prior to Registration

1. Each institution of higher education must assess the academic skills of each entering undergraduate student to determine the student's readiness to enroll in freshman-level academic coursework. Any student who does not satisfy ALL sections of the Texas Success Initiative (TSI) MUST complete a learning contract with an academic advisor. Students must also complete necessary coursework or tutorials as appropriate to increase their skills in areas in which they have not satisfied the TSI.

The university must assess students reading, writing, and mathematics skills using one of the Texas Higher Education Coordinating Board's approved assessment tests, with the following results:

ACT: The composite ACT score must be 23 or higher with a minimum individual math and/or English score of no less than 19. ACT scores can be no more than 5 years old. (Meeting the composite and English scores will exempt students from both the reading and writing sections of TSI.)

SAT: The composite SAT score must be 1070 or higher with a minimum of 500 on the math and/or reading (former verbal) section. Students may not use residual SAT scores for TSI exemption. SAT scores can be no more than five years old. (Meeting the composite and reading scores will exempt students from both the reading and writing sections of TSI.)

Eleventh-grade, exit-level Texas Assessment of Knowledge and Skills (TAKS): Students must achieve a minimum score of 2200 or higher 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. (Students must meet the English-language-arts section and written subsection requirements together. If students meet the requirements of only one area, they must take both the reading and writing sections of TSI.) TAKS scores can be no more than 3 years old.

The student may be exempt from the above assessment because he or she is a student who

- has graduated with an associate or baccalaureate degree from a regionally accredited Texas public institution of higher education;
- is serving on active duty as a member of the armed forces of the United States, the Texas National Guard, or a reserve component of the armed services of the United States and has been serving for at least 3 years preceding enrollment;
- was honorably discharged, retired, or released from active duty as a member of the armed forces of the United States, the Texas National Guard, or a reserve component of the armed forces of the United States on or after August 1, 1990;
- transferred from a private, independent, or accredited out-of-state institution of higher education after earning a "C" or better in A&M-Texarkana-approved college-level courses. (Contact the registrar for more information.)
- achieved minimum scores on one of the approved tests (TSI Assessment). (Please contact the registrar for information on approved tests.)
- satisfied all readiness requirements at another Texas institution of higher education and provided official documentation of the status.

2. The university requires all new undergraduate students to attend Student Orientation, Advising, and Registration (SOAR) to register for classes. The SOAR dates are available in the current schedule.

After Registration

Students must submit payment of tuition and fees by the deadline published in the schedule of classes each semester.

Enrollment Changes

Students should make changes or adjustments in enrollment schedules during the designated-registration period. Students must finalize any subsequent changes by the deadlines posted in the schedule of classes published each semester. After the last day to drop without receiving a grade, students must obtain the signature of the instructor or dean prior to dropping or withdrawing from courses. (See "Dropping a Course" or "Withdrawing from the University.")

Eagle Access

A student accepted into the Eagle Access program may not drop the success course (IS 0300) without facing a forced withdrawal from the university.

Dropping a Course

A student who wishes to drop a course but remain enrolled in at least one course must contact the registrar's office in the university Enrollment Services area to complete the official drop or withdrawal form. (See "Limitation on Dropping Courses.") Note: Instructors will not assign a grade for a course dropped officially before the last day to drop or withdraw from the semester. The instructor will assign a drop (DR) notation for the course.

To drop a course after the census date (See "Note" at the end of this paragraph.), a student must obtain and complete the "Drop or Withdrawal Request Form" on the university Web site at <http://tamut.edu/Student-Support/Registrar/Dropping.html> or in the registrar's office. The student must obtain signatures from each of the instructors indicated on the form. The signature is not an *approval* to drop, but rather confirmation that the student has discussed the drop or withdrawal with the faculty member. Students must submit the form to the registrar's office for processing in person, by e-mail (Registrar@tamut.edu), or by mail (7101 University Ave., Texarkana, TX 75503) or by fax (903-223-3140).

The Office of the Registrar will not accept for processing any drop or withdrawal forms missing any of the required information. The student must take responsibility to ensure that the form is complete before submission. If a student stops participating in class (attending and submitting assignments) but does not complete and submit the drop or withdrawal form, the instructor will assign a final grade based upon the work that he or she completed as outlined in the syllabus. (Note: The student's must complete all steps by the last day to drop or withdraw for the term or session as printed in the semester calendar. To view the semester calendar, please go to the university Web site. Click on the "Current Schedule" link, choose the semester in which the student is currently enrolled, choose "Schedule Information," and scroll down to the semester calendar.)

Withdrawing from the University

To withdraw voluntarily from all courses at the university, students must complete the proper withdrawal forms in the registrar's office. Courses that students have abandoned without official withdrawal will result in a grade of "F," regardless of the time when the student ceased to attend class. The administration may withdraw a student from the university involuntarily for non-payment of fees, failure to attend or participate in developmental classes, misrepresenting facts on the application for admission, failure to secure the required transcript(s) from colleges and universities that he or she attended, failure to document required TSI status, or as a result of disciplinary suspension (See "Admissions"—"Transcripts"). If the administration withdraws the student involuntarily, he or she is not entitled to a refund of tuition and fees (See "Tuition and Fees"—"Refunds of Fees").

Cancelling Enrollment

Once enrolled for classes, students must pay all amounts due by the specified due date or officially withdraw from all classes prior to the first class day.

Cancellation of Enrollment for Non-payment of Tuition and Fees

The university reserves the right to cancel registration for which the student has not paid by the due date to comply with state laws requiring payment of tuition and fees, to free the class spaces for other students, and to ensure the most efficient use of university resources.

Limitation on In-State Tuition Rates for some Undergraduates

New undergraduate students enrolling in an institution of higher education in fall 1999 or afterward are subject to the conditions of Senate Bill 345 passed in the 76th Texas Legislative session. The law states that universities may charge tuition at a higher rate to resident undergraduate students whose attempted hours exceed, by at least 45 semester credit hours (SCH), the number of hours required for completion of their degree program. The higher rate will not exceed the rate the university charges to non-resident undergraduate students. A resident student is one who pays the in-state rate for tuition purposes. For students who enroll in college for the first time in fall 2006 or afterward, the excessive-hours limit changes to 30 SCH.

Limitation on Dropping Courses

Under section 51.907 of the Texas Education Code, “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.” The State of Texas enacted this statute in spring 2007, and the statute applies to students who enroll in a public institution of higher education as first-time freshman in fall 2007 or later. The university counts any course that a student drops toward the six-drop limit if “(1) the student was able to drop the course without receiving a grade or incurring an academic penalty; (2) the student’s transcript indicates or will indicate that the student was enrolled in the course; and (3) the student is not dropping the course in order to withdraw from the institution.” Some exemptions for good cause could allow a student to drop a course without having it counted toward this limit, but the student must establish that good cause. The student should contact the registrar’s office for more information before he or she drops a course.

A&M-Texarkana students who this statute affects that have attended or plan to attend another institution of higher education should become familiar with that institution’s policies on dropping courses.

Student Records

Data Maintained by the University

The university accumulates data and maintains records to enable staff and faculty to plan educational opportunities to meet the needs of individual students, to understand students better, to counsel more effectively with them, and to assist them in continuing in graduate education or securing employment after graduation.

The university maintains student records in the Offices of Admissions, Financial Aid, Fiscal Affairs, Academic Affairs, Teacher Certification, Deans, Faculty, Placement, Institutional Advancement, and Planning and Institutional Effectiveness. These offices make provisions for students and the parents of dependent students to review and challenge the accuracy of records when appropriate and upon request. A student must file all changes regarding name, address, and major with the registrar’s office during the current semester. The university regards students’ records as confidential.

The Office of Admissions retains the minimum of the following documents in a student’s permanent-education record: admission application, transfer transcripts, test scores (if applicable), correspondence, and any other documents pertaining to the student’s academic career at A&M-Texarkana.

The university releases student records only for the faculty and professional staff’s use for authorized university-related purposes. The university releases a student’s academic records only with written consent of the student or due to a court subpoena.

Notification of Rights under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include the following:

1. The right to inspect and review the student's education records within 45 days of the day the university receives a request for access. Students should submit to the registrar a written request that identify the records they wish to inspect. The registrar will make arrangements for access and notify the student of the time and place where he or she may inspect the records. If the registrar does not maintain the records, he or she shall advise the student of the correct official to whom the student should address the request.
2. The right to request the amendment of the student's education records that the student believes is inaccurate. Students may ask the university to amend a record that they believe is inaccurate. They should write the university official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate. If the university decides not to amend the record as the student requested, the university will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. The university will provide additional information regarding the hearing procedures when officials notify the student of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student's records, except to the extent that FERPA authorizes disclosure without consent.

One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person the university employs in an administrative, supervisor, academic, research, or support-staff position (including law-enforcement personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review the education record in order to fulfill his or her professional responsibility.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by A&M-Texarkana to comply with the requirements of FERPA. The name and address of the office that administers FERPA is Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-4605.

Directory Information

In compliance with the Family Educational Rights and Privacy Act of 1974, A&M-Texarkana gives notice that officials will release the following directory information upon request: student's name, address (permanent and local), telephone listing, photograph, date and place of birth, enrollment status (undergraduate, graduate, classification, etc.), major field of study, participation in officially recognized activities and sports, date of attendance, degrees, certificates and awards received, type of award received, full or part-time status, and most recent previous educational agency or institution the student attended.

Any student who objects to the release of all or any part of the directory information on file in his or her name must notify the registrar's office, in writing, that he or she does not wish to have such information released. The university will honor this request and hold all of the information confidential.

Release of Student Academic Records

The university must receive written authorization from the student to release a student's academic record. The university will not accept phone requests. The student may come to the registrar's office in person to complete the appropriate request form, may mail or fax a written request to the registrar's office, or access *Web for Students*. The student must date the requests, and the student must provide his or her ID number. If the university must mail the transcript to a third party, the student must provide the name and address of the party. If the student sends a third party to obtain a transcript, the party must present a signed statement authorizing the release to the designated person.

The Office of Admissions personnel will verify the request and will generate an official transcript. Note: A minimum production time of 24 hours exists on all official-transcript requests.

The computer generates the official transcript on maroon security paper. The registrar validates the transcript with his or her signature, date, and university seal. When an official issues a transcript to the student, he or she stamps the transcript "Issued to Student." Transcripts printed on plain white paper are unofficial.

Release of Information to a Third Party

Third party, in this case, refers to a Veteran's Administration official, a government agent, a Department of Immigration official, etc., who presents a signed release and asks to see a student's academic record. The Office of the Registrar's staff will examine the release and make a copy, then allow the investigator to examine the record. The staff person will complete the appropriate form documenting the situation and attach it to the copy of the release. The Office of the Registrar will retain a copy of both the form and the release in the student's file.

Release of Transcripts from Other Schools

A student may obtain an unofficial copy of his transcript from a previous school by coming to the registrar's office in person and completing the appropriate request form. The Office of the Registrar will honor requests sent via mail provided the student includes the date, the student's ID number, and the student's signature. The registrar's office will provide transcripts to the student only. The university will not release or send transcripts to a third party. The registrar's office stamps each transcript "Issued to Student" and "Unofficial Transcript." The transcripts are not certified or validated in any way.

Release of Records to Faculty or Staff

Designated school officials, administrative officers, and faculty and staff within the institution may have access to student academic records provided they have legitimate educational interests such as advising or other educational concerns. The official must complete a request to view education records, and the registrar's office maintains a record in the student's registrar file to document who reviewed the record and the purpose. The registrar's office stamps copies of student transcripts provided to school officials "unofficial," and officials should not release the transcripts to students or third parties.

ACADEMIC POLICY

Student Honor Code

A&M-Texarkana expects high standards that include academic honesty, personal integrity, and ethical, academic behavior of all its students. Reverence, relentless curiosity, and a willingness to participate are essential qualities of an emerging scholar, and the university encourages these qualities. A student's personal integrity, ethical behavior, and sense of honor contribute to a respectful and positive academic climate allowing all students to develop as scholars and reach their greatest academic potential. Since students are responsible for maintaining an academic climate based on trust and respect, they should report any activity threatening a climate conducive to learning to an instructor or administrator.

University Commitment to Writing

A&M-Texarkana values writing as an integral part of the higher-education process. Writing in any course allows students to process concepts more fully and synthesize course material on a deeper and richer level. In addition, written composition allows for student application or creative expression. Whether one

considers the written document more technical or expressive, students must base all composition on a wealth of primary knowledge and plan, format, and write to communicate thoughts and ideas effectively.

Value and Definition of Credit

Semester Credit Hour

The number of clock hours spent in class work determines the semester-credit-hour (SCH) value of a course.

One clock hour per week in lecture or two to three hours per week in laboratory for a 15-week semester is the normal amount of class work the university requires for 1 SCH. At A&M-Texarkana, each course has a value of 3 SCH unless otherwise specified. In addition to the traditional course settings, A&M-Texarkana offers courses taught in non-traditional modes (i.e., distance education, weekend, or self-paced courses.)

Resident Credit

The university considers courses completed at A&M-Texarkana resident credit. The university does not consider extension credit, correspondence credit, non-traditional credit, and credit received for institutionally devised exams resident credit.

Course Numbering

The course-numbering system consists of a letter prefix that three-digit or four-digit numbers follow which indicate the course's subject area.

The first digit of the number indicates the level: freshman level, 1000-1999; sophomore level, 2000-2999; junior level, 300-399; senior level, 400-499; and graduate courses, 500-699.

The university considers course numbers at the 1000-2000 level lower division (LD). The university considers course numbers at the 300-400 level or above upper division (UD). An asterisk (*) on the transcript indicates work not applicable to the level indicated on the transcript.

Course Load

Each course in the university requires two hours of outside work for each hour in class. Students who work part-time or full-time should consider this recommendation carefully as they plan their course load.

The total number of hours for which a student registers, including accelerated courses, may not exceed the normal load limitation for the particular registration period as follows:

Fall or Spring Terms.....No more than 18 SCH

Summer Terms.....No more than 12 SCH with not more than
6 SCH in a 4 and/or 5-week term

Mini-Term (2 1/2 weeks)No more than 3 SCH

The administration may drop a student who violates this rule from enough courses to bring his or her schedule within proper limits without refunding any portion of tuition and without the instructor giving him or her a grade in any course dropped.

A student with a 3.5 cumulative grade point average (GPA) may appeal to his or her dean for special permission to exceed the limits set under this policy.

A student may not enroll in more than one course meeting during the same scheduled time. The administration may drop any student who violates this policy from all classes meeting at the same scheduled hour and day without the instructor giving him or her a grade and without refund of tuition.

Full-Time Course Load

The university defines full-time status for an undergraduate student as enrollment in a minimum of 12 SCH. The university considers a graduate student enrolled in at least 9 SCH a full-time student.

Course Cancellation

The university will notify students of course cancellations as early as possible to permit students to enroll in substitute courses.

The dean responsible for cancelling the course is also responsible for notifying those students who have enrolled in the course. If the dean cannot reach a student by phone, the dean or faculty member assigned to teach the cancelled course shall meet the class at the scheduled hour to inform students of the cancellation.

Courses in Shortened Format

The university considers any organized class that is shorter in length than the regular semester or summer-session term a shortened-format course, and college faculty and the VPAA must approve said courses.

All courses offered in shortened format shall consist of the same number of contact hours as courses offered in the regular semester. The minimum number of class contact hours shall be 15 hours for each semester hour of credit. Thus, a one-semester, credit-hour course will meet at least 15 hours; a two-semester, credit-hour course for 30 hours; and a three-semester, credit-hour course for 45 hours. The university defines an academic hour as 50 minutes.

Special Course Offerings

Independent Study Courses

The purpose of independent study courses is to permit advanced in-depth study in an area where instructors offer no regularly scheduled courses. To use an independent study, the student must first confer with the appropriate faculty member in order to develop a proposal. If the faculty member concurs that such work is appropriate, the faculty member should complete an application form, "Student Contract for Independent Study," located on the Web and secure the appropriate approval signatures.

The university expects students to take required courses as they become available. Two-year schedules are available in the respective college Web site.

No student may apply more than 6SCH of independent-study courses toward meeting requirements for a master's degree or more than 12SCH of independent-study courses toward meeting requirements for a baccalaureate degree.

Special Topics

Instructors design these courses to cover subjects of specific interest which existing courses do not address. Consult the graduate section of this catalog for special instructions for graduate students. Instructors must convert special-topics courses to a designated course with a unique prefix, number, and name when the college schedules them to teach the class for the fourth time.

Undergraduates in Graduate Courses

The undergraduate student within 12 SCH of completing all requirements for the baccalaureate degree may enroll in graduate courses for graduate credit. Graduate courses the student takes in this manner will not apply toward an undergraduate degree.

An eligible senior may enroll in graduate courses for one or two semesters but may not enroll in graduate courses for a third semester until he or she has completed the baccalaureate degree. The student may apply a maximum of two such graduate courses to a graduate degree unless the appropriate dean submits written approval. Prior to the beginning of the course, the student must secure official approval on a permission form available in the registrar's office.

Class Attendance

Non-Attendance

Instructors may administratively drop students who enroll in developmental-educational courses and who have missed a total of four (4) class meetings of the course. Instructors must drop the student at least seven (7) days prior to the last day to drop a course for the semester or session. (See "Administrative Drop"). The instructor may drop the student from the course only after he or she has mailed a letter to the address on file, notifying the student of the enrollment status. Instructors describe specific attendance policies in course syllabi.

Student Absences on Religious Holidays

In accordance with Texas Education Code 51.911, all institutions of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holiday, including travel for that purpose. An instructor may not penalize a student whose absence is excused under this subsection for that absence, and the instructor must allow the student to take an examination or complete an assignment within a reasonable time after the absence.

Texas Education Code 51.911 defines a religious holiday as a holiday a religious group whose places of worship are exempt from property taxation under Section 11.20, Tax Code observes. If a student and an instructor disagree about the nature of the absence as Texas Education Code 51.911 defines, or if the student and the instructor disagree about whether the instructor has given the student a reasonable time to complete any missed assignments or examinations, either the student or the instructor may request a ruling from the chief executive officer or his or her designee of the institution. The student and instructor shall abide by the decision of the chief executive officer or his or her designee.

If a student's academic course work includes patient care, the university may exclude from these policies and procedures any student absence for religious holidays, which may interfere with patient care.

Inclement Weather

Because of the large number of students who live within 10 miles of the campus, the university will remain open and classes will continue during severe weather conditions except when the weather adversely affects the normal operation of the university.

Occasions occur when road conditions make travel dangerous for students. The university expects students to exercise good judgment during inclement weather. Instructors will not penalize students who find travel during inclement weather impossible.

Whenever officials make a decision to curtail some phase of operations, officials will make that information available to the news media for broadcast on radio stations and television stations as well as by the campus-wide Eagle Alert, which notifies students and faculty through text messaging and non-campus e-mail.

Auditing

An individual who wishes to enroll under the condition of *audit* for informational purposes only and to receive no academic credit for the enrollment must notify the registrar's office at the time of registration. The Office of the Registrar must complete and approve the required audit form. The fee is the same as the tuition amount required for academic credit. The student may not change the condition of *audit* for a course to *credit* after he or she has completed registration, nor may the student change a *credit* course to an *audit* course.

Accredited Institutions

The university will not accept credit from an institution that a regional accrediting association (North Central, Southern, New England, Middle States, etc.) has not accredited by. The university limits courses a student took at an institution that has only national, professional, or specialized accreditation to the Bachelor of Applied Arts and Sciences degree program, and the credit will not apply to other degrees. The Council of Higher Education Accreditation (CHEA) must recognize accreditation bodies.

An accredited evaluation service, such as World Evaluation Services, must evaluate all credits a student transfers from an international college or university. For more information, contact the A&M-Texarkana registrar's office.

Transfer of Credit

A student may transfer most courses he or she has taken at another regionally accredited post-secondary institution in which he or she receives a grade of D or better provided the overall transfer grade point average meets the specified transfer acceptance requirements. The registrar's office will evaluate all credit the student transfers to the university in terms of equivalency in content, credit hours, and level. The chosen degree program, in cooperation with the registrar's office and the student's faculty advisor, will determine the applicability of this credit toward degree requirements.

Regardless of the number of hours transferred to the university, students must successfully complete a minimum of 25 percent of the credit hours required for the degree chosen through instruction offered by A&M-Texarkana. The university will specify the minimum number of resident credit hours on the student's official degree plan.

A&M-Texarkana determines applicability of transferred courses to requirements for specific degree programs.

Applicants must request transfer credit from accredited schools. The university will calculate all transferred regular academic credit the student attempts in the overall grade-point average.

Students may not enroll off campus during the semester they expect to graduate. The registrar must record final grades from all courses the students has taken at another university on the student's A&M-Texarkana transcript prior to the last semester of enrollment before graduation.

Guidelines for Resolution of Transfer Disputes

Transfer disputes may arise when a Texas institution refuses to accept a lower-division course for credit. Officials must follow the following procedures in the resolution of lower-division, credit-transfer disputes:

1. If an institution of higher education does not accept course credit a student earns at another institution of higher education, the receiving institution shall give written notice to the student and to the sending institution that transfer of the course credit is denied and shall include in that notice the reasons for denying the credit. Attached to the written notice shall be the procedures for resolution of transfer disputes for lower-division courses as outlined in this section, accompanied by clear instructions outlining

the procedure for appealing the decision to the Commissioner of the Texas Higher Education Coordinating Board (THECB).

2. A student who receives notice as specified in paragraph 1 may dispute the denial of credit by contacting a designated official at either the sending or the receiving institution.
3. The two institutions and the student shall attempt to resolve the transfer of the course credit in accordance with THECB rules and guidelines.
4. If the student or sending institution cannot satisfactorily resolve the transfer dispute within 45 days after issuance of the student's denial notice, the institution requesting transfer-dispute resolution and the institution denying course credit for the transfer will notify the commissioner in writing of the request and the reasons for its denial.
5. The commissioner 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.
6. If a receiving institution has cause to believe that a course a student presents for transfer from another school is not of an acceptable level or quality, the receiving institution would first contact the sending institution and attempt to resolve the problem. In the event that the two institutions are unable to come to a satisfactory resolution, the receiving institution may notify the commissioner, who may investigate the course.

Transcripting Credit from Vocational Schools

The registrar's office will post to transcripts vocational courses only if the community college which awarded the credit has converted the courses to academic credit or the credit is a completed Applied Associates degree transferred into the Bachelor of Applied Arts and Sciences (BAAS) program. The university will not apply credit for vocational courses to other degrees.

A regional accrediting agency or by an agency approved by the Council on Higher Education Accreditation (CHEA) must accredit the vocational school. The university will not award credit for the vocational courses if it determines that the student used the vocational courses for a high-school diploma.

Clock hours will equal semester hours on the ratio of 30:1. Thirty clock hours equal one semester hour unless the issuing institution recommends otherwise. The university will transfer quarter hours and semester hours on the vocational transcript in the same manner as academic credit. Quarter hours times $\frac{2}{3}$ equals the number of credit hours. The registrar's office will use grades for vocational courses to compute the overall GPA.

Transcripting Credit from Foreign Schools

A student must submit course work from a foreign institution through a recognized foreign-transcript-evaluation service. If the service determines that the course work is equivalent to baccalaureate-level course work in the United States, the university will add the course work to the student's academic history. However, the university will exclude the course work from GPA calculations. In most instances, foreign course work does not meet any specific course equivalent; therefore, the student cannot apply the work to degree-plan requirements.

Non-Traditional Credit

A&M-Texarkana recognizes that, in some cases, students may have acquired knowledge relevant to the pursuit of an undergraduate degree in areas other than a formal-classroom setting. The university refers to

credits the student has earned in this fashion as non-traditional credit. The student cannot apply these credits toward satisfying the residency requirement. A&M-Texarkana accepts the following alternative methods of establishing credit:

1. Standardized Examination Credit

Students may establish credit for admission through participation in testing programs such as the Advanced Placement Program (AP) and the College Level Examination Program (CLEP).

For questions regarding credit by examination, please contact the Office of Admissions and Records. A&M-Texarkana will accept CLEP exams or local exams from a regionally accredited college. Since many colleges and universities have different minimum scores for passage of CLEP tests, students should contact the registrar's office to obtain required scores for receiving CLEP credit at A&M-Texarkana.

2. Military Service Credit

The university may grant credit for military-technical courses as indicated on a military transcript and listed for credit in the latest edition of "A Guide to the Evaluation of Educational Experiences in the Armed Services" and recommendations of the Commission on Accreditation of Service Experiences (CASE). Military-service credit applies to the BAAS degree. For other undergraduate degree programs, HB 269, Section 1, allows institutions to award undergraduate students for all physical-education courses required for the person's degree and additional course credit for up to 12SCH for courses that meet the elective course requirements for the degree. To qualify for this type of credit, students must meet the following requirements:

- A student must have graduated from an accredited high school or a high school operated by the U.S. Department of Defense.
- A student must be an honorably discharged member of the U.S. Armed Forces who completed a minimum of two years of service; or, if the student completed less than two years of service, the military must have discharged him or her due to disability.

The university does not automatically apply the additional 12 SCH of military credit to the student's undergraduate record unless the student is seeking the BAAS degree. Students who wish to have this credit applied to their record must contact the registrar's office for information regarding this process. The student must provide aDD214, disability-discharge documentation, and a high-school transcript to the registrar's office to confirm eligibility.

Note: Applying this additional military credit may incur increased tuition rates due to excessive credit as well as negatively impact a student's eligibility for the Undergraduate Tuition Rebate Program.

Students with military credit should request that the military institution send their transcripts to A&M-Texarkana. Student may use the following Web sites to request transcripts:

<https://jst.doded.mil/smart/dodMandatoryBannerForm/submit.do>

Courses the student has taken through the United States Armed Forces Institute (USAFI) may transfer at face value. The veteran should contact the Office of Admissions for evaluation of credits.

To receive credit, students who served in the Army, Navy, Army National Guard, or Reserves should submit an AARTS transcript. Students who served in the Navy or the U.S. Marines should submit a SMART transcript. Please contact the A&M-Texarkana Office of Admissions for information on requesting these transcripts.

3. Institutionally Devised Examination Credit

Students may challenge any undergraduate course in the university's course inventory, with the exception of practicum and field-experience courses, through successful completion of an evaluation process.

The student may initiate a challenge examination according to the following procedures:

- a. Obtain the proper request form from the registrar's office
- b. Contact the appropriate dean to submit the application
- c. Submit a \$50.00 fee to the Business Office

The dean will arrange for the administration and evaluation of the examination. Students must apply at least two weeks prior to taking the examination.

After officials grade the exam, the dean forwards the request form to the registrar indicating whether the university should award credit. The university will notify the student of the outcome; and, if appropriate, the university will post credit to the student's academic record with a grade designation of *CR* (credit).

Note: Credit received for an institutionally devised exam will not fulfill residence-credit requirements.

4. Experiential Learning Credit

Students may receive college credit toward a degree for competencies acquired through selected work experiences, in-service training programs, and vocational or technical education. The university awards credit for learning and not for experience. A&M-Texarkana follows the academic guidelines for assessing prior learning found in the publications of the Council for Adult and Experiential Learning (CAEL) and the American Council on Education (ACE). Students should address questions on assessment procedures and awards of this type of credit to the VPAA. A student may apply no more than 18 SCH to a degree, with the exception of the BAAS for which the university may award a maximum of 24 SCH.

5. Correspondence and Extension Credit

Students may apply no more than 30 semester credit hours of extension and correspondence (combined) course work toward a baccalaureate degree. Students may complete no more than 18 of the 30 semester credit hours through correspondence.

A&M-Texarkana does not offer correspondence or extension courses. The A&M-Texarkana transcript designates courses taken at a university and classified as extension by notation on the student's transcript as extension courses.

International Baccalaureate (IB) Policy

In compliance with the State of Texas SB 111, the university accepts at least 24 SCH of IB credit in approved subject areas (listed below) from students who have earned the IB Diploma. To receive credit, students must score 4 or higher on Higher Level (HL) exams or 5 or higher on Standard Level (SL) exams. The university suggests that each student with an IB Diploma discuss potential IB credit with his or her advisor or personnel in Academic Services to determine the best use of IB credits for his or her individual degree plan

IB COURSE	S L SCORE	H L SCORE	EQUIVALENT COURSE	CREDIT HOURS
English	5	4	ENGL 1301 and 1302	6
French	5	4	FREN 1411 and 1412	8
Spanish	5	4	SPAN 1411 and 1412	8
Economics	5	4	ECON 2301 and 2302	6
Geography	5	4	GEOG 1303	3

History	5	4	HIST 1301 and 1302	6
Philosophy	5	4	PHIL 1301	3
Psychology	5	4	PSYC 2301	3
Anthropology	5	4	ANTH 2351	3
Business/Management	5	4	BUSI 1301	3
Biology	5	4	BIOL 1306, 1106 and 1307, 1107	8
Chemistry	5	4	CHEM 1311,1111 and 1312,1112	8
Physics	5	4	PHYS 1301,1101 and 1302,1102	8
Math	5	4	MATH 2413	4
Computer Science	5	4	COSC 1300	3
Visual Arts	5	4	ARTS 1301	3
Theatre Arts	5	4	DRAM 1310	3
Music	5	4	MUSI 1306	3

Credit by Examination Policy

Students may not enroll off campus during the semester they expect to graduate. The Office of the Registrar must record final grades from all courses the student has taken at another university on a student's A&M-Texarkana transcript prior to the last semester of enrollment before graduation.

The university accepts credit by exam scores for academic credit. A student must enroll at the university and have official scores sent to the Office of Admissions for officials to add academic credit to his or her university transcript. In addition, the following stipulations apply:

1. The university will accept no more than 30 SCH total from exam credit (AP, CLEP, and/or DSST).
Note: Students in the BAAS program may apply a maximum of 18 SCH of exam credit or correspondence course work to their degree program.
2. Each exam credit assessment must be no more than three (3) years old from the date the student took the exam to the time officials first recorded the score on a college or university transcript.
3. A&M-Texarkana will accept exam credit that a previous college or university has accepted. The student can apply no more than 30 SCH toward a student's degree plan.
4. The university must apply all exam credit prior to the last semester of enrollment before graduation.

Advanced Placement (AP)

Subject	Score	Equivalent Course	Credit Hours
Art/History of Art	2	ARTS1303 and 1304	6
Art/Studio Art	3	ARTS1316 and 1317	6
Biology	3	BIOL1306,1106 and 1307,1107	8

Calculus AB	3	MATH2413	4
Calculus BC	3	MATH2413 and 2414	8
Chemistry	3	CHEM1311,1111 and 1312,1112	8
Chinese Language/Culture	3	CHIN1311 and 1312	6
Computer Science A	3	COSC1336	3
Computer Science A/B	3	COSC1336 and 1337	6
Macroeconomics	3	ECON2301	3
Microeconomics	3	ECON2302	3
English/Language and Comp	3	ENGL1301 and 1302	6
English/Literature and Comp	3	ENGL1301 and 1302	6
Environmental Science	3	ENVR1301,1101	4
French Language	3	FREN1311,1111 and 1312,1112	8
French Literature	3	FREN2303 and 2304	6
German Language	3	GERM1311 and 1312	6
Government and Politics US	3	GOVT2302	3
History/European	3	HIST2311 and 2312	6
History/ US	3	HIST1301 and 1302	6
Human Geography	3	GEOG1302	3
Italian Language/ Culture	3	ITAL1311 and 1312	6
Japanese Language/ Culture	3	JAPN1311 and 1312	6
Latin/ Literature	3	LATI1311 and 1312	6
Music Theory	3	MUSI1311 and 1312	6
Art/History of Art	3	ARTS1303 and 1304	6
Physics B	3	PHYS1301,1101 and 1302,1102	8
Physics C Mechanics	3	PHYS2325 and 2125	4
Physics C Elec and Magnet	3	PHYS2326 and 2126	4
Psychology	3	PSYC2301	3
Spanish Language	3	SPAN1411 and 1412	8
Spanish Literature	3	SPAN2311 and 2312	6

Statistics	3	MATH1342	3
World History	3	HIST2321 and 2322	6
College-Level Examination Program (CLEP)			
Subject	Score	Equivalent Course	Credit Hour
Financial Accounting	50	ACCT 2301	3
Info Sys and Comp Apps	50	BCIS 1305	3
Intro to Business Law	50	BUSI 2301	3
Principles of Management	50	MGT395	3
Principles of Marketing	50	MKT363	3
American Literature	50	ENGL2327 and 2328	6
College Composition	50	ENGL1301 and 1302	6
English Literature	50	ENGL2322 and 2323	6
Humanities	50	HUMA1301 and 1302	6
French Language Level 1	50	FREN1311 and 1312	6
French Language Level 2	59	FREN1311, 1312, 2311 and 2312	12
German Level 1	50	GERM1311 and 1312	6
German Level 2	59	GERM1311, 1312, 2311 and 2312	12
Spanish Level 1	50	SPAN1311 and 1312	6
Spanish Level 2	63	SPAN1311, 1312, 2311 and 2312	12
American Government	50	GOVT2305	3
History of the US I	50	HIST1301	3
History of the US II	50	HIST1302	3
Human Growth/Dev	50	PSYC2314	3
Introduction to Psychology	50	PSYC2301	3
Introduction to Sociology	50	SOCI1301	3
Macroeconomics	50	ECON2301	3

Microeconomics	50	ECON2302	3
Western Civilization I	50	HIST2321	3
Western Civilization II	50	HIST2322	3
Biology	50	BIOL1306 and 1307	6
Calculus	50	MATH2313	3
College Math	50	MATH1332 and 1333	6
Pre-calculus	50	MATH2312	3

DANTES Subject Standardized Test (DSST)

Subject	Score	Equivalent Course	Credit Hour
Astronomy	48	PHYS1311	3
Civil War/Reconstruction	47	HIST434	3
Criminal Justice	49	CRIJ1301	3
Ethics in America	46	PHIL2306	3
College Algebra	47	MATH1314	3
General Anthropology	47	ANTH2346	3
Human/Cultural Geography	48	GEOG1300	3
Introduction to Business	46	BUSI1301	3
Introduction to Computing	45	COSC1300	3
Intro to Law Enforcement	45	CRIJ2328	3
Intro to World Religions	48	PHIL1304	3
Lifespan Dev Psychology	46	PSYC2314	3
Management Info Systems	46	MIS360	3
Money and Banking	48	FIN325	3
Physical Geology	46	GEOG1303	3
Financial Accounting	49	ACCT2301	3
Physical Science I	47	PHYS1315	3
Public Speaking	47	SPCH1315	3
Technical Writing	46	ENGL2311	3

Grades: Meaning and Value

Scale	Grade	Interpretation	Grade Points
90-100	A	Excellent	4
80-89	B	Good	3
70-79	C	Average	2
60-69	D	Pass	1
< 60	F	Fail	0
	X	Incomplete	0
	W	Withdrew	0
	DR	Dropped	0
	S	Satisfactory	0
	U	Unsatisfactory	0
	CR	Credit Only	0
	NG	No Grade	0

Grade Point Average (GPA)

The university computes the GPA dividing the grade points the student has accumulated by the number of hours for which the student receives a grade, other than X, W, S, U, or NG.

The university bases the cumulative GPA on all previous credit the student attempted at the undergraduate or graduate levels. When a student repeats a course, the university will only use the grade for the last enrollment for that course (even if the grade is lower) for computing a cumulative GPA. The university will use the second grade to determine credit the student earned for the course and will invalidate the first credit earned for the course. No one may erase a grade from a student's record.

The university shall exclude academic work at foreign colleges, universities, or preparatory schools as well as developmental-education courses from GPA calculation.

Satisfactory-Unsatisfactory (S/U) Grades

The university will evaluate certain courses on a satisfactory or unsatisfactory (S/U) graded basis rather than through the traditional letter-grade system. The university awards credit hours for courses in which the student receives an "S." However, the university does not award grade points, and the university does not include the credit hours in computation of grade point averages.

The student may count only a grade of "S" toward fulfillment of degree requirements. A student in no case may apply more than three S/U graded courses toward fulfillment of the requirements for graduation. A student cannot earn credit hours with a grade of "U," and a grade of "U" does not count against the computed grade point average.

The class schedule and the syllabus presented to students on the first class day for that course will clearly identify S/U graded courses. Officials will not change courses from S/U-graded courses to letter-graded courses or from letter grades to an S/U system after the first regularly scheduled meeting of the class. The

Veterans Administration (VA) requires A&M-Texarkana to calculate GPA for courses fulfilling graduate-degree requirements. Note: For VA purposes, an “S” equals 3.00, and a U equals 0.00.

Guidelines for Assigning an Incomplete Grade “X”

1. The instructor may give an incomplete grade (“X”) when a student’s work is satisfactory in quality; but, due to circumstances beyond his or her control, the student has not completed the work by the end of the semester.
2. The student must contact the instructor to initiate the request for a grade of incomplete and, if the instructor grants the request, to initiate discussion with the instructor concerning fulfillment of remaining course requirements in a timely manner.
3. If the faculty member agrees to the student’s request, the faculty member must complete an “Incomplete Grade” form detailing the circumstances that prevented the student from completing the course and listing the remaining requirements for completing the course. The deadline for completing the course work is the last class day of the next long term immediately after the term in which the instructor posted the incomplete grade. If the student does not complete the work by that time, the university will automatically convert the incomplete grade to a grade of F except in cases of pregnancy or medical emergencies.
4. The student, instructor, and dean must sign the completed “Incomplete Grade” form. The student may access the form on the university Web site located in the “Faculty Forms” section. In cases where the student is unavailable, the student may give written agreement by fax, e-mail, or letter. A representative of an incapacitated student must contact the registrar’s office for further instructions.
5. The student should submit the original copy of the “Incomplete Grade” form to the registrar's office. The faculty member should maintain a copy; the faculty member should give or mail a copy to the student; and the dean’s secretary should file a copy of the form in the dean’s office.
6. In rare cases, the instructor may assign incomplete grades for every student in a course. In this case, one “Incomplete Grade” form for the entire student roster will suffice, and the form requires no student signatures.

No Grade (NG) Designation

1. Under very unusual circumstances and with appropriate documentation, an instructor may recommend to the dean of his or her college that the dean give a No Grade “NG” as a final grade in a course.
2. The student must contact the instructor to initiate the request for a No Grade and provide the required documentation. If the instructor believes that extenuating circumstances warrant a grade of NG, the student, instructor, and dean must sign the “No Grade” form. Locate the form on the university Web site located in the “Faculty Forms” section. In cases where the student is unavailable, the student may give written agreement by fax, e-mail, or letter. A representative of an incapacitated student must contact the registrar’s office for further instructions.
3. The student should submit the original copy of the “No Grade” form to the Office of the Registrar. The faculty member should maintain a copy, the faculty member should give or mail a copy to the student, the faculty member should send a copy to the Office of Financial Aid and Veteran Affairs, and the dean’s secretary should file a copy in the dean’s office.
4. If the student received financial aid or veteran’s benefits for the course, he or she is responsible for contacting the Office of Financial Aid and Veteran Affairs regarding any adverse effects the grade of NG may have on the student’s financial aid or benefits.

Repeated Courses (3-Peat Rule)

Students must notify the Office of Admissions when they repeat a course to assure that officials will enter an adjustment in the GPA on the student's permanent record.

When a student repeats a course, the university will use only the grade for the last enrollment for that course (even if the grade is lower) for computing a cumulative grade point average unless the grade is an X, W, or NG. The university will use the second grade to determine credit earned for the course and will invalidate the first credit earned for the course. The university will erase no grade from a student's record.

The university will charge undergraduate students who have attempted a course three or more times at A&M-Texarkana since fall 2002 an additional tuition of \$50.00 per semester credit hour for the repeated courses. The bill the student received at registration may not accurately reflect the additional tuition and fees for courses the student attempted three or more times. A&M-Texarkana reserves the right to adjust the student's tuition as a result of registering for a course for three or more times. See "Appeals Process for 3-Peat Rule" below.

Appeal Process for 3-Peat Rule

An appeals panel will consider student appeals involving issues related to additional tuition charges that the university bases on the 3-Peat charges. The university will consider appeals when the student believes that extenuating circumstances in his or her life justify an exemption from the prevailing policy. The student must submit appeals in written form, and the student must base the appeal on extenuating circumstances such as (but not limited to) catastrophic illness, injury, death in the family, or call up for military services. Students may attach as much supporting documentation as they feel would aid in the appeals panel making an informal decision.

The student must submit requests for an appeal to the registrar at least five business days prior to the first class day of the semester. Please submit requests to Registrar, Texas A&M University-Texarkana, 7101 University Ave., Texarkana, Texas 75503.

The appeals process is per semester, and students must file an appeal for every semester that the 3-Peat Rule affects them. Any appeal decision is for the current semester only and will not carry over to any subsequent semester. The decision of the appeals panel is final. The appeals panel will make all decisions within 30 days from the receipt of the appeal request, when feasible, but not later than 60 days from the receipt of the request for an appeal.

Students must submit all tuition payments on time (including the additional fees), or the university will drop them for non-payment. If the appeals panel waives the additional charges, the university will refund this portion of the tuition. The registrar will notify the student in writing of the decision of the panel.

The appeals panel will consist of the following:

- Dean of the student's college or his or her designee
- Bursar
- Director of Admissions and Outreach
- Executive Director of Enrollment Management and University Registrar
- Associate Registrar
- Vice-President for Student Engagement and Success

If applicable, additional panel members may include the Teacher Certification Officer and the Director of Financial Aid and Veteran Services.

Recording and Changing Grades

After reporting a student's grade to the registrar's office, the instructor may not change any grade other than "X" unless he or she has made an error in calculation. The instructor shall provide written documentation of the error to the Office of Admissions by completing the appropriate Grade Change Card.

The instructor must record the grades within one week of the last official class day of the semester in which the student earned the grade. The instructor may erase no grade from a student record.

Grade Notification

Grades are available via *Web for Students* at the end of each semester and mini-term. The university does not mail grades. The student must initiate a grade dispute or appeal within 14 business days from receipt of the grade in question in the registrar's office. Please refer to the semester schedule calendar for the date by which the instructor must submit grades each semester.

Note: See "Grade Disputes, Grievances, and Appeals Processes" for more information.

Scholastic Standards

Undergraduate students must maintain a minimum 2.00 cumulative GPA to avoid probation.

Good Standing

The university considers undergraduate students who maintain a cumulative GPA of 2.00 or above to be in good standing.

Probation

The university will place undergraduate students who enter with or drop below a 2.00 cumulative GPA on probation, and the student will remain on probation until he or she raises the cumulative GPA to a 2.00 or above. During the probation period, the student must maintain a semester GPA of 2.00 or higher. The Office of the Registrar will notify students the university places on probation, and officials will place a statement on the student's transcript. The university will readmit students who leave the university on probation on probationary status. The student must provide the registrar's office with an official transcript to remove probation status if the student attends another university and raises the cumulative GPA to 2.00. Failure to maintain a minimum institutional GPA of 2.00 each semester while on probation will result in the student's suspension for a period of one year, and he or she will be ineligible to re-enroll until such time period has elapsed.

Suspension

The university may suspend undergraduate students may for one calendar year for failure to meet the terms of probation or for grade-point deficiency. The registrar's office will notify students when the university places them on suspension, and the registrar will post a statement on the student's transcript indicating, "Placed on Suspension."

After a period of suspension, the university will permit the student to enroll again on probation. A&M-Texarkana will not admit students on suspension from other institutions until their specified periods of suspension expire unless the institution that placed the student on suspension grants approval. Students who wish to appeal the status of academic suspension may do so through the dean of the student's college (see "Admissions Rules and Procedures"). Early re-entry is possible only once with permission from the dean of the college; then, the dean of the college will forward the recommendation to the Vice-President for Academic Affairs. Only extenuating circumstances warrant such action. A&M-Texarkana reserves the right to deny admission to a student whom another college has suspended even though the suspension period has expired.

Note: The university imposes enrollment restrictions as a result of suspension only at the end of the fall and spring terms. Also, students can find the graduate-level probation and suspension policy in the graduate section of this catalog.

Academic Achievement

Academic Honors

Undergraduate students may qualify for academic-achievement recognition on a semester basis. The university posts these designations on the student's permanent transcript. The university does not calculate honors categories for summer sessions or mini-terms, and the university does not calculate categories for graduate students. The university will not post the honors designation until the registrar's office has removed all incomplete grades. The criteria for President's Honors and University Honors are listed below.

President's Honors

An undergraduate student must enroll for a minimum of nine hours, excluding "S/U" graded courses, for a fall or spring semester and achieve a 4.00 GPA for the semester.

University Honors

An undergraduate student must enroll for a minimum of nine hours, excluding "S/U" graded courses, for a fall or spring semester and achieve a 3.50 GPA or higher for the semester.

Honors Graduate Recognition

The university will consider students who complete a minimum of 45 hours of their baccalaureate-program course work at A&M-Texarkana for recognition as honor graduates. (Non-traditional credit and credit from advanced-placement exams do not fulfill the 45-hour-resident course-work requirement.) The university will compute the GPA on all course work the student attempted at any school. (Note: Students who declare Academic Fresh Start are not eligible for graduation honors.) The university posts the following honors designations on the student's permanent academic record (transcript) and diploma. The university recognizes students graduating Summa Cum Laude, Magna Cum Laude, and Cum Laude individually at commencement ceremonies.

Summa Cum Laude.....overall GPA of 3.900-4.000

Magna Cum Laude..... overall GPA of 3.750-3.890

Cum Laude..... overall GPA of 3.500-3.740

Academic Integrity

The university expects all students to pursue their academic careers with honesty and integrity and assumes that the products of a student's efforts in a course reflect solely the work of that student unless the instructor otherwise authorizes. Academic dishonesty includes, but is not limited to, cheating on a test or other course work, plagiarism, and unauthorized collaboration with another person. The university defines plagiarism as "taking and using as one's own idea" the writing, invention, expression, or ideas of another person.

When an instructor believes academic dishonesty has occurred, procedures will include documentation, an individual conference with the student, notification of the instructor's decision and consequence, and the process for requesting an appeal hearing.

The maximum consequence is a grade of "F" in the course for the first offence. Repeated offences constitute a breach of campus standards (see the "Code of Student Rights and Responsibilities").

Grade Disputes, Grievances, and Appeals Processes

A student with a grievance regarding a course grade should attempt to resolve the issue by conferring with the course instructor. A student challenging a final grade must show the instructor's judgment was unfair based upon some basis other than performance; standards different from those applied to other students in the same course section; or a substantial, unreasonable, and unannounced departure from previously articulated standards or the syllabus. The burden of proof lies with the student.

For additional information regarding the formal "Grade Grievance and Appeal Process," please refer to UP 13.102.99.H1.01 "Discussion and Resolution of Grade Disputes, Grievances, and Appeal Processes" at <http://tamut.edu/Administration/About/Rules/13-02-99-H0-01-Grade-Disputes-and-Grievances1.pdf>

SUCCESS CENTER

Success Center

The Success Center provides academic-support services for A&M-Texarkana students. Services such as academic advising, degree plans, testing, supplemental instruction, study strategies, and professional and peer tutors are available. The Success Center also has an early alert and referral program to identify students who are not performing according to academic standards, and procedures are in place to assist these students. Students can find additional information at the following link: <http://tamut.edu/Student-Support/Success%20Center/index.html>.

TUITION AND FEES

Tuition Status

The university assesses tuition expenses for each student according to residence classification and the number of semester credit hours for which he or she registers. The Texas Legislature and the Texas A&M University System Board of Regents set tuition and fee rates. Current tuition and fee schedules are available online at <http://www.tamut.edu/Business%20Office/index.html>.

Oath of Residency

The student is responsible for registering under the proper residence classification and for providing documentation that the institution requires. Prior to or at the time of enrollment, the student must raise any question concerning his or her Texas resident-classification rights with the Office of Admissions for official determination. Students classified as residents must affirm the correctness of that classification as part of the admissions procedure. If the student's classification as a resident becomes inappropriate for any reason, the student must notify the Office of Admissions. Failure to notify the institution constitutes a violation of the "Oath of Residency" and will result in disciplinary action.

Foreign Student Tuition Rates

In accordance with Section 54.051(d) of the "Texas Education Code," the university will set the tuition rates for nonresident students enrolled in public universities and health-related institutions for academic year 2014-2015 at \$412.00 per semester credit hour (SCH) plus any designated tuition and, when appropriate, Board-authorized graduate tuition the institution charges. Exceptions include tuition rates for nonresident students enrolled in medicine, veterinary medicine, dentistry, and law. Those students can find the tuition rates in other paragraphs of Section 54.051 of the "Texas Education Code."

Appeal Process for Undergraduate Funding Limit

An appeals panel will consider student appeals involving issues related to additional tuition charges based on the undergraduate funding limit. The university will consider appeals when the student believes that extenuating circumstances in his or her life justify an exemption from the prevailing policy. Students

must submit appeals in written form, and students must base appeals on extenuating circumstances such as (but not limited to) catastrophic illness, injury, death in the family, or call up for military services. Students may attach as much supporting documentation as they feel would aid in the appeals panel making an informal decision.

The student must submit requests for an appeal to the registrar at least five (5) business days prior to the first class day of the semester. Please submit requests to University Registrar, Texas A&M University-Texarkana, 7101 University Avenue, Texarkana, TX 75503, or (903) 223-3047.

The appeals process is per semester, and students must file an appeal for every semester the undergraduate funding limit affects them. Any appeal decision is for the current semester only and will not carry over to any subsequent semester. The decision of the appeals panel is final. The appeals panel will make all decisions within 30 days from the receipt of the appeal request, when feasible, but not later than 60 days from the receipt of the request for an appeal.

Students must submit all tuition payments on time (including the additional fees), or the university will drop students for non-payment. If the appeals panel waives the additional charges, the university will refund this portion of the tuition. The registrar will notify the student in writing of the decision of the panel.

The appeals panel will consist of the following:

- Dean of the student's college, or his or her designee
- Bursar
- Director of Admissions and Outreach
- Executive Director of Enrollment Management and University Registrar
- Director of Student Services

If applicable, additional panel members may include the Teacher Certification Officer and the Director of Financial Aid and Veteran Services.

Tuition Rebate Program for Undergraduates

The State of Texas has authorized tuition rebates for students who complete baccalaureate degrees with no more than three (3) credits in excess of those required for their degrees. Students graduating with their first baccalaureate degree may be eligible for a \$1,000.00 tuition rebate. To qualify, students must meet all of the following conditions:

1. Enrolled for the first time in an institution of higher education in the fall 1997 semester or later.
2. Requested a rebate for work related to a first baccalaureate degree received from a general academic teaching institution.
3. Was a resident of Texas and was entitled to pay resident tuition at all times while pursuing the degree.
 - a. If enrolled for the first time in fall 2005 or later, graduates within four (4) calendar years for a four-year degree or within five (5) calendar years for a five-year degree if the degree is in architecture, engineering, or any other program that the Board of Education determines requires more than four (4) years to complete.
4. Attempted no more than three (3) hours in excess of the minimum number of SCH required for completion of the degree as specified in the catalog under which the student graduated. Hours attempted include transfer credits, examination course credit (except that, for the purposes of this program, the university only treats the number of semester credit hours the student earned exclusively through examination in excess of nine (9) SCH as hours attempted), courses dropped

after the official census date, for-credit developmental courses, optional internship and cooperative education courses, and repeated courses. The university will not count dual credit courses and courses the student dropped for reasons that the institution determined to be totally beyond the control of the student. For students concurrently earning a baccalaureate degree and a Texas teaching certificate, the university shall not count required teacher-education courses to the extent that they are over and above the free electives the university allows in the baccalaureate-degree program.

Costs include tuition, student-center-complex fee, admissions and application fee, recreational-sports fee, student-endowed-scholarship fee, student-health fee, and the university-services fee. The following are only minimum figures. The university does not include parking fees, course fees, lab fees, and distance-education fees.

All checks the student submits for payment will have the student's campus wide identification number (CWID) written on them.

University staff will write the CWID on the checks when students have not done so already.

Tuition Rates Based on Residency

The Business Office Web page provides tuition rates at <http://www.tamut.edu/Business%20Office/index.html>.

Additional information regarding Texas Residency is available online at

<http://tamut.edu/Admissions/What%20You%20Need%20to%20Know/Texas.html>.

Resident

To be a Texas resident, a student must have resided in Texas for 12 consecutive months or more and established a domicile in Texas PRIOR to the semester he or she is enrolling. The university may require additional documentation to establish Texas residency. Students classified as residents will pay the in-state tuition rate.

Non-Resident

A student who resides in a state other than Texas is a non-resident. Please see the "Fee Rate Codes" listed below. Residents of Hawaii and Alaska are not eligible for the "Fee Rate Codes."

Fee Rate Codes

In-State Tuition Rate

A non-resident student who resides in Oklahoma, Arkansas, certain parishes in Louisiana (see below), and certain counties in New Mexico (see below) will receive the in-state tuition rate.

Border County (BC)-Miller and Little River County in Arkansas

Arkansas (AR)-All other counties in Arkansas

Oklahoma (OK)-All counties in Oklahoma

Border Parish Louisiana (BCLA)-Bordering parishes listed below

Beauregard Parish

Caddo Parish
Calcasieu Parish
Cameron Parish
DeSoto Parish
Sabine Parish
Vernon Parish

Border County New Mexico (BCNM)-Bordering counties listed below

Union County
Quay County
Curry County
Roosevelt County
Lea County
Eddy County
Otero County
Dona Ana County

In-State +\$30.00

A non-resident student who resides in the 44 contiguous states including all other counties in New Mexico and all other parishes in Louisiana will pay the in-state tuition rate plus \$30.00 per credit hour.

**Texas A&M University-Texarkana
Guaranteed Tuition and Fee Plan
Effective Fall 2014**

The guaranteed-tuition-and-fee plan will **include** the following:

1. Statutory Tuition (guaranteed for non-resident students to the extent allowed by state law)
2. Designated Tuition
3. Mandatory Fees (those fees all students pay)

The guaranteed-tuition-and-fee plan will **exclude** the following non-mandatory fees (e.g., instructional-enhancement fees, field-trip fees, study-abroad fees, lab fees, distance-education fees, program fees, etc.) and other academic costs (e.g., parking fees, room and board, books, supplies, etc.). Due to the voluntary

and varied nature of these costs, which may differ from program to program or course to course, the university will charge these fees in addition to the guaranteed-plan amount.

The guaranteed-tuition-and-fee plan will be mandatory and will include all students (currently enrolled, non-resident undergraduate and resident and non-resident graduate students).

Methodology for Calculating the Guaranteed Plan

The university will determine the guaranteed plan based on the tuition and fee base (including any applicable tuition and fee increases the Board of Regents previously approved) at A&M- Texarkana, adjusted for inflation over the applicable length of term for each degree program. The university will calculate the adjustment based on the average compounded increase over the applicable length of the guaranteed plan. The university will perform the calculation for each new cohort beginning in the fall semester.

The data source for this adjustment will be the Bureau of Labor Statistics. The university has calculated the initial base rate for Fall 2014 using a rolling four-year average of calendar year CPI for the years 2009 thru 2012, currently at 2.2%.

Undergraduate Guaranteed Degree Cohort Based Plans:

The university will require all new incoming and current resident and non-resident undergraduate students to pay the guaranteed-tuition-and-fees rate based on residency and current-cohort classification. The rate will be valid for the applicable period from the date of entry or current status as of fall 2014. After the applicable time period has expired, the rate is subject to increase to the rate for new undergraduate students entering at that time.

Guaranteed Two-Year Graduate and Three-Year Graduate Degree Plans:

The university will require all new incoming and current resident and non-resident graduate students to pay the two-year degree or three-year degree plan guaranteed-tuition-and-fees rate, based on residency. The rate will be valid for the applicable period from the date of entry or current status as of fall 2014. After that time period, the rate is subject to increase to the rate for new graduate students entering at that time.

New Transfer Students

Any new transfer student in fall 2014 will have a guaranteed rate based on when they first enrolled in higher education in Texas. For example, an undergraduate student who enrolled at any Texas institution in fall 2012 would have a rate similar to juniors and a guaranteed term of two years. However, if the student has ineligible hours that will not transfer toward their degree program, the university will provide new transfer students an option to select an appropriate cohort based upon the eligible hours that transfer to Texas A&M University-Texarkana.

Automatic Extension of Time for Students

Undergraduate and graduate students whose time has expired under their degree plan will have an automatic one-year extension of their guaranteed rate. The student will receive special attention to assure the university provides proper advising to promote timely graduation and to clearly inform the student of the financial impact that may occur if they do not complete their degree during the extension and then become subject to the rate for students in their applicable cohort at that time.

Change of Majors

Students changing their major can request an extension of their guaranteed rate if the change will cause their rate to expire before they complete their degree. The student will receive attention to assure the

university provides proper advising to promote timely graduation.

Stop-outs and Readmits

The guaranteed-tuition-and-fee plans are contingent upon continuous enrollment of the student during fall and spring terms until he or she completes the degree. Stop-outs and readmits can request an extension of their guaranteed rate if it expires before they complete their degree. The student will receive special attention to assure the university provides proper advising to promote timely graduation.

Excess Hours and Repeat Course Rules

The guaranteed rate does not preclude the university from charging a higher rate to students who have exceeded the state-imposed excess-credit-hour cap imposed or who repeat a course for the third time.

Special Provisions

The university will grant consideration to a student takes a break in attendance due to military service, pregnancy, and medical leave. The university will deal with situations in this category on a case-by-case basis with the intent to assist the student in maintaining their guaranteed plan.

Statutory Tuition

The Texas Legislature sets statutory tuition rates.

Designated Tuition

Designated tuition is a mandatory tuition for operations of the university, scholarship set-asides, and building upkeep and improvements.

Student-Center Fee

The student-center-complex fee is a mandatory fee for operation and maintenance of student centers.

Laboratory-and-Materials Fee

The laboratory and materials fee is up to \$30.00 per course. This fee applies to some courses for materials and lab usage.

Recreation-Sport Fee

The fitness-center-and-recreation-sport fee is mandatory to finance, construct, operate, maintain, and improve recreational-sports facilities and programs.

Student-Health Fee

The student-health fee is a mandatory fee to provide for mental-health services and health education.

Student-Endowed-Scholarship Fee

The student-endowed-scholarship fee is a mandatory fee to fund a student-endowed scholarship.

Intercollegiate-Athletic Fee

The intercollegiate-athletic fee is a mandatory fee to initiate intercollegiate-sports and build sports facilities.

University-Services Fee

The university-services fee is a mandatory fee to support various university programs and services including, but not limited to, records, traffic safety, technology, library, advising, international education, supplemental instruction, and student support.

Admissions-Applications Fee

The admissions-applications fee is a one-time mandatory fee for application processing into the university.

Web-and-Distance-Education Fee

The Web-and-distance-education fee is a \$30.00 per SCH fee that the university will add to all Web-based courses, Web-enhanced courses, and face-to-face courses the instructor does not teach in the Texarkana city limits or at Northeast Texas Community College (NTCC) and to TTVN courses the instructor does not teach nor does the student receive in Texarkana or at NTCC.

Credit-Card Payment

The student may remit payment for tuition and fees by charging to MasterCard, Visa, Discover, and American Express over the Web, by mailing a check or money order, or using a check, cash, or a credit card in person. The student should follow these instructions to pay on the Web:

Access the university Web site at www.tamut.edu.

1. Select “Quick Links.”
2. Select “Web for Students” or go directly to <https://eagles.tamut.edu/>.
3. Select “Enter Secure Area.”

After logging in, complete the following steps.

1. Select “Touchnet Payment Gateway.”
2. Select “Click for Current Account Status.”

Please contact the Business Office at (903) 223-3115 for assistance with making a payment of tuition and fees with a credit card.

Tuition-and-Fees-Installment Plan

A&M-Texarkana will allow students to pay all tuition and mandatory fees during the fall and spring semesters using the installment payment alternative described in Section 54.007, Education Code, as amended.

Installment-Payment-Plan Terms

1. Students electing the installment-payment-plan option must pay the full amount of all tuition, mandatory fees, and incidental fees specified in this installment-plan agreement.
2. The student may not change his or her selected installment-payment-plan option after the university has produced his or her fee schedule.
3. The first installment payment is due at the time of registration and is equal to 1/4 of all tuition and mandatory fees due for the semester plus the full amount of the processing fee.

4. Failure to make any installment payment by the end of the semester shall not cancel the obligation to pay the total installment payments and late-payment fees.

5. According to Texas law (Texas Education Code 54.007), the university may prohibit a student who fails to make full payment of tuition and fees, including any incidental fees, by the due date from registering for classes until he or she makes full payment. The university may deny credit to a student who fails to make payment prior to the end of the semester for work done that semester. The university shall notify a student of any delinquent tuition or fee payment as soon as practicable. The university may adjust its records to reflect the student's failure to have properly enrolled for that semester. The student must pay expenses incurred in collecting the amounts due under this agreement, including, but not limited to, collection fees, attorney fees, and court costs. If the student fails to make payments as specified, the university will hold the student responsible for any and all collection costs in addition to the required payment.

6. The university will not reinstate a student who withdraws from the university without paying the full amount of tuition and fees or who the university has dropped from its rolls for failure to make installment payments when due until he or she pays all past-due installment payments and applicable late-payment fees.

Processing and Incidental Fees

1. A student paying tuition and required fees in four (4) installments shall pay a processing fee of twenty-five dollars (\$25.00).

2. To sign up for a payment plan,
 - a. log on to *Web for Students*,
 - b. click on "Touchnet Payment Gateway,"
 - c. Click on the box that says "Click for Current Account Status,"
 - d. Click on the tab that says "Payment Plan," and follow instructions.

3. A student making an installment payment after the due date shall also pay a late-payment fee; the business office must receive each installment payment by the due date specified in the installment-payment-plan agreement.

The university will add a \$25.00 delinquent fee if the business office does not receive payment by the due date.

Note: Students paying on the installment plan who must withdraw from classes should see the "Withdrawal Refund Schedule" in the current class schedule.

A&M-Texarkana will not accept credit-card payments by e-mail unless encrypted.

Outstanding Financial Obligations

Students are responsible for paying all financial obligations owed to the university when due. Prior to the end of each semester or term, each student should determine that all accounts are paid. In the event the student's account becomes delinquent, the student will be responsible for all costs of collection. These costs include collection-agency fees, attorney fees, court costs, judgment interest, and any other allowable charges in accordance with state regulations. The university will note non-payment of any accounts on the student's record, and the registrar's office will not register the student for classes or provide an official A&M-Texarkana transcript until the student makes full payment.

Payment of Tuition and Fees

Installment Payment Fees Processing Fee	\$25.00
Late Installment Fee	\$25.00 per late payment

Parking Permits

All students attending A&M-Texarkana and parking a vehicle on campus must purchase a parking permit. Students may purchase permits Monday through Friday 8:00 a.m.-5:00 p.m. at the University Police Department in the Central Plant Building. Rates are as follows:

- \$25.00 September-August (all students, even student workers)
- \$20.00 January-August
- \$12.00 May-August
- \$5.00 secondary parking permit; \$25.00 third parking sticker

Refunds of Fees

The university bases refunds for drops or withdrawals on the total tuition the student pays. Students who drop or withdraw are responsible for any remaining tuition payments. Note: The semester's first class day is always the first official day of the semester, not the first day of an individual's class.

1. A student withdrawing officially in a fall or spring term will receive a refund of fees according to the following scale:

- Prior to the first class day of the semester.....100 percent
- During the first five (5) class days of the semester.....80 percent
- During the second five (5) class days of the semester.....70 percent
- During the third five (5) class days of the semester.....50 percent
- During the fourth five (5) class days of the semester..... 25 percent
- After the fourth five(5) class days of the semester.....None

2. A student withdrawing officially in a summer term will receive a refund of fees according to the following scale:

- Prior to the first class day of the semester..... 100 percent
- During the first, second, or third class day of the semester..... 80 percent
- During the fourth, fifth, or sixth class day of the semester..... 50 percent
- Seventh day of class and thereafter..... None

3. Students who drop courses within the first 12 class days of a fall or spring term or within the first four (4) days of a summer term will receive a full refund for those courses dropped provided the student remains enrolled for that semester. The university calculates refunds for courses, which a student drops and from which a student later withdraws according to the schedules above.

4. The university will process refunds for mini-terms according to the schedule for summer terms.

5. If a scheduled course fails to materialize by reason of lack of required students, the university will refund all fees for the course.

6. The university will not refund fees for audited courses.

The university calculates withdrawal refund for students paying in installments as follows:

100% means he or she will receive a 100% refund of tuition paid.

80% means he or she will receive a refund of 30% (50% paid less 20% owed = 30% refund).

70% means he or she will receive a refund of 20% (50% paid less 30% owed = 20% refund).

50% means he or she will not receive a refund and does not owe any additional tuition

(50% paid less 50% owed = 0).

25% means he or she owes an additional 25% of total assessed tuition (50% paid less 75% owed = 25% balance due).

Library Fines

Students must pay library fines before the student can re-enroll in the university.

Student Insurance

The university offers sickness-and-accident insurance to all A&M-Texarkana students and their dependents on a voluntary basis, which allows students who may not have insurance an opportunity for coverage. Students may obtain additional information regarding the student-insurance program from the Office of Student Engagement and Success, Room UC126 or by clicking the link at <http://tamut.edu/Student-Support/Student%20Insurance/index.html>.

Textbooks and Supplies

Students must provide their own textbooks and supplies. Eagle Central, the A&M-Texarkana bookstore, is the major source of these materials. The university offers textbooks at a reduced price subject to availability.

At the beginning of each fall and spring semester, the Student Government Association sponsors a consignment book sale during which students may exchange books or purchase books from each other. The university distributes information about the book sale with pre-registration packets and posts flyers throughout the building.

Financial-Aid Refunds

The university will mail all financial-aid-refund checks to the student's current address on file in the Office of Admissions unless the student has elected for direct deposit via *Web for Students*.

Financial-Aid Students Who Withdraw From All Classes

Students who have received financial aid that withdraw from A&M-Texarkana **on or before the 60% point in the semester** must repay a portion of their financial aid as the Federal formula specifies. The student may only maintain the amount of financial aid he or she has earned at the time attendance ceases. The student must repay both the Federal programs **and** A&M-Texarkana for institutional charges. A&M-Texarkana will use the Federal formula to determine the amount the student must repay. All financial-aid students must contact the Office of Financial Aid and Veteran Services before withdrawing from classes in order to understand the adverse effects of his or her withdrawal.

Financial-Aid Students Who Drop Classes

Officials base financial-aid awards on the student's enrollment status on the university's official census-date report. If the student drops below the number of hours for which the university packaged him or her on or before the official census date, the university will make an adjustment to the financial-aid offer. If the student drops after the census date, the university may require make-up hours.

Financial-Aid Students and Non-Attendance

Students who receive financial aid and fail to attend any of their classes must repay **ALL** financial aid they received.

Courses abandoned without processing an official drop or withdrawal in the registrar's office will result in a grade of "F" regardless of the time the student ceases to attend class.

FINANCIAL AID AND VETERAN SERVICES

Financial Aid

How to Apply

The "Free Application for Federal Student Aid" (FAFSA) is available in January for the upcoming fall, spring, and summer semesters. Students should apply online at www.fafsa.ed.gov. The Web site requires information from the previous year's Federal Income Tax return in order to complete the FAFSA. Other records or information the student might need are non-taxable income, such as Veterans'-Administration benefits or government-assistance benefits; current bank and mortgage information; medical and dental bills; and business or farm information. Students must prepare to provide documentation of all information used on the financial-aid application. The government considers academic progress and scholastic standing into consideration when it assesses aid eligibility. Recipients must maintain the number of hours for which they register on the university's official census date (12th class day fall and spring; 4th class day summer). The university may expect prorated repayment of aid from students who withdraw or drop hours. Because the university administers financial aid on a first-come, first-served basis, early application is important. Students may contact the Office of Financial Aid and Veteran Services (FAO), Room UC260 for additional information or e-mail fin.aid@tamut.edu.

Note: The priority submission date for completing the FAFSA for the upcoming fall semester is April 1.

Financial-Aid Standing

Students in default on federal-student loans or who owe repayment to any financial-aid program are ineligible for additional financial aid. In order to register for classes, receive financial aid, or receive an official A&M-Texarkana transcript, students must receive clearance from the A&M-Texarkana Financial Aid Office (FAO). The university may require documentation from external agencies in order to provide clearance.

SATISFACTORY ACADEMIC PROGRESS (SAP)

Students receiving financial aid are required to maintain satisfactory academic progress. SAP will be evaluated every semester, including summer sessions. To be eligible to receive financial aid, a student must comply with the following conditions:

QUALITATIVE MEASURE:

Minimum Cumulative Grade Point Average:

- Undergraduate students must maintain a 2.0 on all coursework attempted
- Graduate students must maintain a 3.0 on all coursework attempted

PACE MEASUREMENTS:

1. Deficit Hours

Students must earn at least 67 percent of all credit hours attempted over the course of their attendance at ALL educational institutions, regardless of whether or not financial aid was received. For example, if a student has attempted 100 credit hours, he or she must successfully complete 67 of those credit hours to maintain Pace compliance. This percentage includes all credit hours attempted, regardless of whether or not financial aid was received. Grades of X, W, DR, S, U, NC, I or NG, and certain repeated courses are not considered to be adequate grades for completion.

2. Excessive Hours

Undergraduate and graduate students are eligible to receive financial aid for a limited time while pursuing

a degree. Once a student exceeds 150 percent of the number of credits that it takes to obtain a degree, they are ineligible for financial aid.

Undergraduate Students: The maximum number of cumulative hours a student may attempt is limited to 180 semester hours.

Graduate Students: Graduate students are permitted six (6) years from the entry date to complete a master's degree, whether or not they attend all semesters.

All periods of enrollment, including transfer hours from another college, must be considered toward the 150 percent calculation even if the student did not receive financial aid. Once the student has attempted 150 percent of the hours required to graduate, the student may not be eligible for financial aid in future semesters, unless approved by the appeal process.

SAP WARNINGS & SUSPENSION

After one semester of not meeting the SAP, students will be issued a warning for the following semester and will be permitted to receive financial aid. However, after the one semester of warning, students who fail to meet any one or a combination of the SAP components, will be ineligible for financial assistance. Students may submit an appeal in writing to the FAO, but the appeal must be based on a different reason other than the original appeal. If a student wishes not to appeal, or if their appeal is denied, they will be placed on financial aid suspension and no financial aid will be awarded until SAP is met again.

Financial-Aid Students Who Drop Classes

For students to whom the university awards financial aid before the university's official census date, the university bases the student's award on his or her actual enrollment status on the university's official census date. The university will base awards it made after the census date on the student's enrollment as of the award date. If the student is no longer enrolled in the number of hours for which the university paid him or her on or before the official census date, the university may require repayment for some or all of the financial aid.

Attendance

Students who receive financial aid and who fail to attend any of their classes must repay all financial aid received. If the university awards and disburses financial-aid funds, and an instructor later informs the FAO that the student failed to attend one or more of their classes, the student must repay any overpayment of his or her financial aid due to non-attendance.

Withdrawal from All Classes

The university may require students who receive financial aid and withdraw from A&M-Texarkana on or before the 60% point in the semester to repay a portion of their financial-aid award as the Federal formula specifies. The student may only maintain the amount of financial aid he or she has earned at the time attendance ceases. The student must repay both the federal programs and A&M-Texarkana for institutional charges before receiving future financial aid. A&M-Texarkana will use the Federal formula to determine the amount the student must repay. All financial-aid students must contact the FAO before withdrawing from classes in order to understand the adverse effects of withdrawal. The university will use the last date of attendance that the instructors specify to determine the amount of refund the student owes to federal programs and or the university.

Fee Payment

Financial aid will not appear on the student's account until the university credits the funds to his or her account. After the university has disbursed the funds, the Business Office will process any refund to the student within fourteen days from disbursement. The university will mail the refund to the student's address on file in the Office of Admissions or deposit the refund directly into the student's account using

the information the student provided in his or her *Web for Students*. **If the FAO has not credited financial-aid funds to the student's account by the tuition deadline, the student is responsible for the tuition and fee charges due to A&M-Texarkana.**

Tuition-and-Fee Emergency Loans

The tuition and fee “TPEG Emergency Loans” application is available online, and the university will award the loan to qualified students on a first-come, first-served basis. The conditions and qualifications for the loan are as follows:

1. Students may qualify for an Emergency Tuition and Fee Loan up to a maximum of **25% of their total tuition and fees for that term.**
2. The university charges a \$10.00 loan origination fee for each Emergency Tuition and Fee Loan.
3. The student can only receive one loan per semester.
4. The student should not apply for a loan until he or she has finalized his or her schedule.
5. The student will be responsible for any additional tuition and fees incurred subsequent to the original loan application and approval. The university will drop the student’s schedule for failure to pay the remaining balance.
6. The student must be in good standing with the university.
7. The student cannot have academic or financial holds on his or her record.
8. The student must have a 2.0 undergraduate GPA or a 3.0 graduate GPA.
9. The university has a set amount of funding available for the Emergency Tuition and Fee Loan program. The university will award loans to students on a first-come, first-served basis.
10. The Tuition and Fee Loan does not cover 100% of the student’s required charges. The student must establish a payment plan. The student may establish this plan online via *Web for Students*.

Book Voucher

If A&M-Texarkana has awarded financial aid to the student and the student meets the conditions listed below, a book voucher will be available in the Business Office. The student may use the voucher to purchase books and supplies only at A&M-Texarkana, and the student must use the voucher the same day the university issues it. To qualify for the Book Voucher, students must

- have accepted their financial aid on *Web for Students* (The university encourages students to complete this process one to two days prior to applying for the voucher.);
- be enrolled in the Office of Admissions in the same number of hours as the award letter specifies;
- not have any holds with A&M-Texarkana; and
- be receiving financial-aid awards that are greater than the tuition and fee charges in the Business Office.

After the student has satisfied the above requirements, he or she may apply for the book voucher in the Business Office. If the university has awarded financial aid to the student but the student does not meet all of the above requirements, he or she may contact the FAO for additional information.

Types of Financial Aid Available

A&M-Texarkana offers many types of financial-aid assistance to help defray the cost of education. The student may locate additional information, such as a complete list of grants, loans, and scholarships, at (<http://tamut.edu/Student-Support/Financial%20Aid/Types%20of%20Aid.html>).

Veteran Services

The FAO at A&M-Texarkana assists United States military veterans and their eligible dependents with questions regarding educational benefits that veterans earned through active-duty service or transfer of eligibility and certifies enrollment for each requested term based on eligibility. Information and benefits counseling are available in the University Center One-Stop-Shop, Room UC258 or by clicking the link <http://tamut.edu/Veterans-Services/index.html> or e-mail veterans@tamut.edu.

SCHOLARSHIPS

Scholarship Programs

The Office of Financial Aid and Veteran Services (FAO) offers a wide variety of academically competitive scholarships based on merit. The university designed its scholarships to encourage, support, and reward outstanding students. Students can find additional information including applications and upcoming deadlines at (<http://tamut.edu/Student-Support/Scholarships/index.html>) or e-mail scholarships@tamut.edu.

Annual and Renewal Awards

All students (new, continuing, and returning) should complete the online “**General Academic Year Scholarship Application**” by the deadline of March 1st each year to apply for all upcoming fall and spring scholarships. This application allows a student to apply for **all** donor scholarships offered. These scholarship funds are competitive and limited. If a student misses submitting the scholarship application by the March 1st deadline, the next opportunity to apply will be one year later. The university only offers scholarships if funding is available.

Current Students to whom the university has awarded a multi-year renewable scholarship will be responsible for viewing their scholarship-renewal criteria and maintaining all requirements for automatic-scholarship renewal each year.

Semester Awards

Occasionally, the FAO will offer a scholarship for one semester. Interested students should continue to check the Web site for applications.

COLLEGES

A&M-Texarkana has three academic colleges:

College of Education and Liberal Arts (CELA) (click for more information)

CELA's academic programs include the following:

- Adult and Higher Education
- Applied Arts and Sciences (BAAS)
- Counseling
- Criminal Justice
- Education Administration
- English
- General Studies
- History
- Instructional Technology
- Interdisciplinary Studies
- Mass Communication
- Political Science
- Psychology
- Sociology
- Teacher Preparation and Certification (including Alternative Certification Program [ACP])

College of Business (COB)

COB's academic programs include the following:

- Business Administration
 - Concentrations in Accounting, Finance, Management, Management Information Systems or Marketing. A "No Concentration" option is also available.

College of Science, Technology, Engineering, and Mathematics (CSTEM) (click for more information)

CSTEM's academic programs include the following:

- Biology
- Computer Science
- Electrical Engineering
- Mathematics
- Nursing

AUTHORIZED DEGREE PROGRAMS

A&M-Texarkana offers the following degree programs:

	Baccalaureate	Masters	Doctorate	CIP
College of Education and Liberal Arts				
Adult and Higher Education		MS		13.1201.00
Applied Arts and Sciences	BAAS			30.9999.40
Criminal Justice	BSCJ			43.0104.00
Curriculum and Instruction		MS		13.0301.00
Educational Administration		MEd	*EdD	13.0401.00
* Cooperative program with Texas A&M University-Commerce				
English	BA/BS	MA		23.0101.00
General Studies	BGS			24.0102.00
History	BA/BS	MS		54.0101.00
Instructional Technology		MS		13.0501.00
Interdisciplinary Studies	BSIS	MS		30.9999.01
Counseling		MS		42.0601.00
Mass Communication	BS			09.0102.00
Political Science	BS			45.1001.00
Psychology	BA/BS	MS		42.0101.00
School Counseling		MS		42.1701.00
Sociology	BS			45.1101.00
College of Business				
Accounting	BBA			52.0301.00
Business Administration	BBA	MBA		52.0201.00
College of Science, Technology, Engineering, and Mathematics				
Biology	BS			26.0101.00

Computer Science	BS		11.0101.00
Electrical Engineering	BS		14.1001.00
Mathematics	BA/BS		27.0101.00
Nursing	BSN	MSN	43.0104.00

The university requires a minimum of 54 upper division SCH for all undergraduate degrees.

Educator Certification Preparation Program

Teacher-Certification Programs

The following certifications are available through the baccalaureate degrees offered at the university. Note: The state of Texas requires passing the appropriate Texas Examination of Educator Standards (TExES) for certification as a Texas educator.

Early Childhood-6th Grade (EC-6)

- Bilingual Generalist-Spanish
- Generalist
- EC-6th Generalist with EC-12 Special Education

Fourth Grade-Eighth Grade (4-8)

- English, Language Arts, and Reading
- Mathematics
- Science
- Social Studies

Eighth-Twelfth Grade (8-12)

- English, Language Arts, and Reading
- History
- Life Science
- Mathematics
- Composite Science
- Social Studies

Out-of-Country Applicants

Out-of-country applicants to the teacher-preparation programs must meet the following requirements:

- Verification of satisfactory score on the Test of English as a Foreign Language—Internet-Based Test (TOEFL-iBT). The university uses all four portions (listening, speaking, reading, and writing) to calculate the score. The university requires only a passing score on the Speaking portion at this time. The acceptable passing score on the Speaking portion is 26.
- Completion of an undergraduate or graduate degree in the U.S.
- Completion of an undergraduate or graduate degree outside the U.S. where English was the primary language of instruction
- Verification of three creditable years of teaching experience in an educational setting in the U.S.

Graduate Program for Initial Teacher Certification

This program is a graduate route to initial certification for individuals who already hold a baccalaureate degree or above. Individuals must apply to the graduate-studies program to be eligible for this certification route.

Professional-Certification Programs

- School Counselor. Professional Certification is available through the Master of Science in School Counseling. For more information on this certification, please contact the Educator Preparation Certification Officer. Students may complete this certification within the structure of the Master of Science in School Counseling (see degree worksheet).
- Principal Certification. Students may apply for a Texas certification as an EC-12 School Principal by completing the coursework as part of the Master of Education in Education Administration. Students may complete this certification within the structure of the Master of Education in Education Administration (see degree worksheet).
- Superintendent Certification. Students may apply for a Texas certification as an EC-12 School Superintendent through satisfactory completion of specified coursework. Note: The university does not tie Superintendent Certification to a degree program but coursework may apply toward the Ed.D. in Education Administration.
- Educational Diagnostician. Students may complete this certification within the structure of the Master of Science in Curriculum and Instruction (see degree worksheet).
- Reading Specialist. Students may complete this certification within the structure of the Master of Science in Curriculum and Instruction (see degree worksheet).
- Master Reading Teaching. Students may complete this certification within the structure of the Master of Science in Curriculum and Instruction (see degree worksheet).
- Master Mathematics Teacher. Students may complete this certification within the structure of the Master of Science in Curriculum and Instruction (see degree worksheet).
- Master Technology Teacher. Students may complete this certification within the structure of the Master of Science in Instructional Technology (see degree worksheet).

PRE-PROFESSIONAL STUDIES

Texas A&M University-Texarkana (A&M-Texarkana) offers students the opportunity to prepare for careers in professional programs such as medical school or law school. The pre-medicine, pre-dentistry, pre-veterinary, pre-health sciences, and pre-law programs provide experienced guidance and the right combination of skills, knowledge, and experience that the student will need for future professional studies and careers. Competition for admission to professional schools is intense. Having a Pre-Medical, Pre-Health Sciences, or Pre-Law concentration with the degree, coupled with the advice and guidance from a Pre-Professional Advisory Committee of professors and professionals, ensures that the student has the opportunity to meet all the requirements for application to medical, other health-sciences professional, or law schools. Additionally, the university encourages students in the pre-professional studies programs to work with professors on undergraduate research programs, at medical facilities in the region, or as interns in law offices to provide the students with opportunities and experience that can give the student an added competitive edge.

Pre-Medical Program of Study

A&M-Texarkana offers all the prerequisite courses for medical school. If a student majors in sciences in the College of Science, Technology, Engineering, and Mathematics (CSTEM), the student can fit these courses into the normal degree and major requirements. If the student is interested in majoring in engineering, business, or the humanities and social sciences, he or she can still complete these admission requirements by careful selection of the elective courses. In fact, most medical schools encourage students interested in a medical career to pursue a broad undergraduate study in the humanities and social sciences, as well as the sciences. As new areas in technology emerge, a functional understanding of engineering and technology is becoming a more and more important component of the background a

student can develop at A&M-Texarkana.

The basic requirements for most medical, dental, veterinary schools, and other health-sciences professional schools include the following:

- General Biology with laboratory (2 semesters – 8 semester hours)
- General Chemistry with laboratory (2 semesters – 8 semester hours)
- Organic Chemistry with laboratory (2 semesters – 8 semester hours)
- University Physics with laboratory (2 semesters – 8 semester hours)
- Calculus and Statistics (6–8 semester hours)
- English, Humanities, Social, and Behavioral Sciences (at least 24 semester hours, with a minimum of 6 semester hours in English)

A medical, dental, and veterinary school may also require a semester of biochemistry, microbiology, advanced human biology, and even statistics as one of a student's mathematics requirements. To be competitive for admission to many medical and health-sciences schools, a student should expect to maintain a "B" or better average in all these courses.

Another requirement for admission to professional programs is demonstrated ability on entrance examinations. Almost all medical schools require the national standardized Medical College Admission Test (MCAT). This test emphasizes facility in scientific problem solving, critical-thinking and synoptic skills, effective communication (writing skills), and a strong mastery of basic biology, chemistry, and physics concepts. The general requirements for dental schools are the same as those for medical schools except that most require the Dental Admissions Test (DAT). Veterinary schools look at a number of different criteria in considering an applicant. A strong and focused grade point average (GPA) and competitive scores on the Graduate Record Exam (GRE) are important factors for admissions. However, demonstrating a genuine familiarity and interest in the profession as confirmed through exposure to practice, research, or other areas of activity in veterinary medicine is essential. In addition to demonstrating a high level of scholastic achievement and intellectual potential, medical schools look for significant participation in volunteer-health-care activities, letters of recommendation from the school's Pre-Health Sciences Advisory Committee, and individuals with whom the candidate has had course work, experience in research, medical-profession involvement, etc.

Many medical schools will not accept CLEP credits to fulfill any of the premedical course requirements; the student must supplement preparation at foreign universities, in most cases, with at least a year or more of course work at an accredited institution in the United States. Candidates must be proficient in both spoken and written English. Specific entrance requirements for medical schools are listed in "Medical School Admission Requirements" (MSAR®): United States and Canada. For additional information, click the following link: <https://www.aamc.org/students/applying/requirements/msar/>.

Pre-Law Program of Study

While no specific pre-law program exists at A&M-Texarkana, an undergraduate degree in any of the disciplines in liberal arts may prepare a student for post-graduate work in law school.

In order to prepare for law school, a student should focus on developing strong writing, communication, and critical-thinking skills; take courses; and participate in activities that enhance these skills. A student should excel academically because admission to law school is competitive. A student should take courses that require written assignments. Undergraduate work in political science can provide foundational coursework in law-related topics. Along with political science, taking courses in criminal justice, English, history, math, and science will help a student acquire valuable communication, problem-solving, logical-

reasoning, and writing skills. In addition to pursuing a rigorous course of study, taking law-related courses, participating in law-related internships, becoming involved in extracurricular activities—including the Political Science Club—and participating in the Law School Admissions Test (LSAT) practice sessions can help to ensure a competitive edge for admission to law school.

Law-Related Courses in Political Science

The Political Science program regularly offers several law-related courses and sequences, including:

- GOVT 2301 – American Government I
- GOVT 2302 – American Government II
- PSCI 300—Introduction to Political Theory
- PSCI 320 – Introduction to Constitutional Law
- PSCI 410 – American Political Theory
- PSCI 426 – Civil Rights and Civil Liberties
- PSCI 427 – Public Law Federal and State
- PSCI 490 – Political Science Internship (By becoming involved in an internship, a student can learn valuable life skills that will prepare him or her for law school and will provide contacts for support and mentoring.)

Political Science Club

Participation in A&M-Texarkana’s Political Science Club will also help the student prepare for law school. The Political Science Club also hosts public talks and round-table discussions with legal professionals and shows films related to the legal practice.

The LSAT

A student’s LSAT score is an important part of his or her successful admission to law school. The LSAT is a standardized test the Law School Admissions Council (LSAC) administers by. The Law School Admissions Council administers the LSAT four times a year. Students typically take the LSAT toward the end of their junior year of college or during the summer before their senior year. The exam lasts half a day and is comprised of multiple-choice questions covering critical reading, analytical reasoning, and logic. Scores range from 120 to 180. The A&M-Texarkana political-science department provides LSAT test-preparation assistance.

Applying for Law School

A student should check with specific law schools for application deadlines and required application materials. Most law schools require that applicants use the Law School Admissions Council’s Credential Assembly Service (CAS). Before applying to law school, a student should open an account with the Credential Assembly Service. He or she will submit university transcripts and LSAT scores to the CAS. The student will request that individuals who know his or her experience, skills, and character send letters of recommendation to LSAC or to the law schools to which he or she will apply, as each institution specifies. CAS provides a “Letter of Recommendation Form” that the student should provide to individuals writing the letters of recommendations for them to fill out.

UNDERGRADUATE STUDIES

Advisement

- An advisor in the Success Center will advise all students with fewer than 30 semester credit hours (SCH).
- An advisor in the Success Center will also advise continuing and returning students who have not satisfied all portions of the Texas Success Initiative (TSI) regardless of the hours they have completed. The university will provide students who have not satisfied all portions of TSI with a developmental-education plan and an academic advisor, and the university will require these students to meet with their advisors prior to registration each semester until the students have successfully completed their developmental-education plans and satisfied their sections of TSI.
- The university will direct all new undergraduate degree-seeking students to a faculty advisor to have a “Degree Declaration” approved and signed prior to enrollment in classes their first semester at the university. A copy of previous coursework (transcript) will facilitate the advising process. In consideration of previous course work, the advisor will recommend classes for the first semester at A&M-Texarkana. The advisor will indicate these classes and degree-plan instructions on the “Degree Declaration” which the student submits to the registrar's office during registration. The university will refer students who are undecided about their choice of major to the Career Counselor for further assistance.
- The university encourages continuing and returning students to meet with a faculty member to confirm their progress towards degree completion and to develop their schedule each semester. Students should provide a copy of their official degree plan when meeting with a faculty advisor. Failure to follow the official degree plan may result in a delayed graduation date.
- The university does not require non-degree seeking students to have an advisor; however, students should be aware that courses they take while attending under *non-degree status* are subject to approval if they subsequently decide to pursue a degree.

Off-Campus Advisement

Faculty advisors or Student Engagement and Success staff members are available at off-campus sites on the designated registration dates.

Degree Plans

Students should have all official transcripts submitted to the Office of Admissions as soon as possible in order to expedite the degree-planning process. When the university receives all official transcripts, the university prepares a transcript evaluation indicating the equivalency of transferred course work. The registrar's office staff then reviews the evaluation in terms of the student's chosen degree program. The university finalizes the official degree evaluation and notifies the student how to access and interpret the evaluation as soon as possible during the student's first semester of enrollment.

The university must approve any subsequent changes or substitutions to the degree plan and file the changes in the registrar's office prior to enrollment in the substituted course. The student may need to obtain written approval for specific changes from their advisor or dean.

The student can view and print tentative-degree-plan worksheets for each undergraduate degree program the university offers from the university Web site. The worksheets are in .pdf format, which requires the Adobe Acrobat Reader to view. Prospective and new students entering the university may use these worksheets are intended to be used for informational purposes only by.

Currently enrolled students who have received their official degree plan should not refer to the tentative

worksheets but should follow the requirements listed on their degree plan. Students will receive information regarding their degree plan within the first semester of enrollment in the university (granted the Office of Admissions has cleared them).

Graduation under a Particular Catalog

Both graduate and undergraduate students must meet the graduation requirements listed in the catalog governing the first semester in which they enrolled in residence as a degree-seeking student. If the student has not enrolled in the university in the past five years, he or she must meet graduation requirements and policy statements in the catalog in effect at the time of re-entry as a degree-seeking student.

The student may also choose to graduate under any catalog published subsequent to the time of re-entry. The option to graduate under older catalog editions depends upon whether the university still offers programs and courses listed in the older catalog.

Only with special approval may a student graduate under the requirements of a catalog issued over five years prior to the student's date of graduation. The university grants this permission in rare cases where extenuating circumstances exist and extreme hardship may result. The appropriate dean and advisor may authorize a limited extension.

Note: The term "graduation requirements" applies to course, grade-point average, proficiency, and other specified requirements for graduation. Students seeking teacher certification must meet current certification requirements listed in the catalog in effect at the time of enrollment as a degree-seeking student provided that the student meets all requirements and provided the student completes all degree and certification requirements within a five-year period.

Note: Any person who has completed a first degree and re-enters to seek a second baccalaureate degree must choose the catalog in effect at the time of entry to seek the second degree or any subsequent catalog. The student may not select a program, which the university phased out prior to the student's re-entry.

Second Bachelor's Degree

Students who wish to earn a second baccalaureate degree must complete a minimum of 30 SCH beyond those required for the first degree. For each subsequent bachelor's degree, the university requires a minimum of 30 SCH in addition to those earned towards previous degrees. The student must meet general and specific requirements, including the 25% residency requirement for each degree A&M-Texarkana awards, for each degree based on the catalog in effect at the time of re-enrollment as a degree-seeking student. The university calculates honors designations for students pursuing a second bachelor's degree.

Applying for Graduation

Degree candidates must officially apply for graduation in the Office of Admissions one term in advance of the term in which they plan to graduate. Students must file applications no later than the date specified in the schedule of classes. If the student does not graduate in the term for which he or she applies, he or she must apply again for graduation.

Undergraduate Graduation Requirements

The university staff uses the following checklist to determine eligibility for graduation.

The student must complete specific degree-program requirements, including the following, as listed on official degree plans:

1. Minimum of 120 SCH

2. Minimum of 45 SCH in upper-division course work (See individual degree plans as some degrees require 54 SCH.)
3. Minimum of 25% of course work from A&M-Texarkana (See Non-traditional Credit.). Note: For honors-graduate designation, the university requires a total of 45 SCH of resident credits.
4. Minimum GPA of 2.00 or above in all course work, in all courses applied to the major, and in all coursework the student takes at A&M-Texarkana. Some programs require an overall or designated-specific GPA that is higher than 2.0.
5. Official degree-plan requirements may not be over five years old. The university places a student under the degree requirements in effect during their first term of enrollment. If a student does not complete all degree requirements within 5 years from the date of initial enrollment, the university must update the student to the requirements in effect at the time of reenrollment.
6. The student may apply no more than **12 SCH** of independent-study-format courses towards degree requirements for graduation.
7. Students must complete all "X" grades prior to graduation.
8. The university will calculate all undergraduate course work the student takes prior to graduation into the final GPA.
9. Complete the "Application for Graduation" by the date published in the schedule of classes. (The student must file for graduation no later than the census date [fall/spring = 12th class day; summer = 4th class day] of the semester in which he or she intends to graduate.)
10. All official transcripts must be on file in the registrar's office.
11. Students may not enroll off campus during the semester they expect to graduate. The university must record final grades from all courses the student takes at another university on a student's A&M-Texarkana transcript prior to the last semester of enrollment before graduation.
12. In order for a student to receive their degree and participate in commencement, a student must have completed all degree requirements and have a zero balance on their account by the Friday one week prior to the graduation-commencement ceremony.

Graduate students should refer to the "Graduate Admissions and Policies" for graduation requirements.

Commencement

The university restricts participation in the commencement ceremony to those students who have completed all graduation requirements as indicated above and have a zero-account balance. The university holds commencement ceremonies in May and December. Students completing degree requirements in August may participate in the December commencement ceremony. The university provides details about the ceremonies when the student applies for graduation.

Undergraduate Degree-Plan Requirements Majors, Minors, and Certifications

A major consists of a minimum of 24 SCH in a subject area. A minor requires a minimum of 18 SCH in a discipline, with the exception of the interdisciplinary-studies minor that requires hours from more than one discipline.

Minimum Courses in Residence

All students seeking a bachelor's degree must complete a minimum of 25% of the minimum hours their chosen degree program requires in residence. "In residence" refers to courses completed through A&M-Texarkana regardless of delivery method such as Web-based and distance-education courses. A&M-Texarkana will not consider courses completed through another school, including other Texas A&M University System campuses, in residence. Additionally, A&M-Texarkana will not consider non-traditional credit such as CLEP, AP, and experiential learning courses resident credit.

Note: See the section titled "Second Bachelor's Degree" for more information regarding residency requirements for subsequent bachelor's degrees completed.

Minimum Upper-Division Credit

All students seeking a bachelor's degree must also complete a minimum of 45 SCH of upper-division course work. Some degrees require up to 54 SCH for an undergraduate degree. Upper-division course work is any course work at the junior or senior level. A course number that begins with a 3 or 4 identifies upper-division courses listed in the university course inventory. If a student's degree program does not incorporate enough upper-division hours to meet this minimum, the student must complete upper-division electives until he or she meets the minimum.

Core Curriculum

In accordance with Texas Education Code, Chapter 61, Subchapter 5, each general academic institution shall design and implement a core curriculum, including specific courses composing the curriculum of no less than 42 lower division SCH. The core curriculum is included in the general education section of each degree program.

The A&M-Texarkana core curriculum effective 2014-2015 consists of the following courses:

Communication (6 hours)

ENGL 1301 Composition I
SPCH 1315 Introduction to Public Speaking

Mathematics (3 hours)

MATH 1314 College Algebra
MATH 1324 Math for Business and Social Sciences
MATH 1332 Contemporary Mathematics I
MATH 2412 Pre-Calculus
MATH 2413 Calculus I

Life and Physical Sciences (6 hours)

BIOL 1306 Biology for Science Majors I
BIOL 1307 Biology for Science Majors II
BIOL 1308 Biology for Non-Science Majors I
BIOL 1309 Biology for Non-Science Majors II
CHEM 1311 General Chemistry I
CHEM 1312 General Chemistry II
EE/CS 2301 Ethics in Technology
ENVR 1301 Environmental Science I
PHYS 1301 College Physics I
PHYS 1302 College Physics II

American History (6 hours)

HIST 1301 United States History I
HIST 1302 United States History II

Government/Political Science (6 hours)

GOVT 2301 American Government I
GOVT 2302 American Government II

Creative Arts (3 hours)

ENGL 2321 British Literature
ENGL 2326 American Literature
ENGL 2331 World Literature
ARTS 1301 Art Appreciation
DRAM 1310 Introduction to Theatre
MUSI 1306 Music Appreciation

Social & Behavioral Sciences (3 hours)

BUSI 1301 Intro to Business
CJ 1301 Intro to Criminal Justice
ECON 2301 Prin of Macroeconomics
ECON 2302 Prin of Microeconomics
PSYC 2301 General Psychology

PHYS 1315 Physical Science I
 PHYS 2325 University Physics I
 PHYS 2326 University Physics II

Component Area Option (6 hours)

ENGL 1302 Composition II
(Mandatory of all students)
 ENGL 2340 Writing Across the Disciplines
 IS 1100 University Foundations
(Student Success Course Mandatory for FTIC)

Science Labs:

BIOL 1106 Biology for Science Majors I Lab
 BIOL 1107 Biology for Science Majors II Lab
 BIOL 1108 Biology for Non-Science Majors I Lab
 BIOL 1109 Biology for Non-Science Majors II Lab
 CHEM 1111 General Chemistry I Lab
 CHEM 1112 General Chemistry II Lab
 ENVR 1101 Environmental Science I Lab
 PHYS 1101 College Physics I Lab
 PHYS 1102 College Physics II Lab
 PHYS 1115 Physical Science I Lab
 PHYS 2125 University Physics I Lab

SOCI 1301 Intro to Sociology

Language, Philosophy & Culture (3 hours)

SPAN 1311 Beginning Spanish I
 SPAN 1312 Beginning Spanish II
 SPAN 2311 Intermediate Spanish I
 SPAN 2312 Intermediate Spanish II
 HIST 2321 World Civilization I
 HIST 2322 World Civilization II
 MCOM 2370 Intro to American Film History
 PHIL 1301 Intro to Philosophy

Component Area Option (6 hours), cont:

PHYS 2126 University Physics II Lab
 Seminars:
 ENGL 1111 Popular Music as Literature
 HIST 1111 Cathedrals, Castles, & Monasteries
 MCOM 1111 Film Appreciation
 MCOM 1112 The Art of the Comic Book
 MCOM 1113 Communication in Today's Media
 Saturated World
 PHIL 1111 Ethics

Any course listed in the Foundation Core Areas (FCA) above not taken to satisfy the FCA requirement.

Core-Complete Status for Undergraduate Students

The university shall accept as core complete students who complete the approved core curriculum at any Texas public institution of higher education prior to enrollment at A&M-Texarkana.

The requirements to meet this status are as follows:

1. The official transcript on file within the student's initial semester of enrollment must indicate "Core Complete" by the deadline indicated for that semester. Core complete status is not retroactive. Unofficial transcripts or verbal confirmation from the student will not meet this requirement.

Fall October 1st
 Spring March 1st
 Summer I June 1st
 Summer II July 1st

2. The university cannot accept core-complete status from schools outside of Texas. Although other states may have an approved statewide core curriculum, the university cannot grant core-complete status in Texas based upon core status from an out-of-state institution.

3. The university cannot accept core-complete status from private institutions of higher education in the state of Texas. This rule only applies to students whom Texas public institutions of higher education indicate are core complete.

4. Having an Associate's degree does not confirm a core-complete status. A student may have earned an Associate's degree from a Texas public institution of higher education and NOT be core complete. An example of this instance is an Applied Associate's degree. These students have the degree but have not completed an approved core.

The university will not require students who are legitimately core complete at the required time indicated above to complete ANY additional core-curriculum requirements at A&M-Texarkana. The university

will require students who are not core complete to complete all approved core for A&M-Texarkana. Once they have completed the required A&M-Texarkana core, the university will indicate that they are core complete on any official transcript the university produces and that status will transfer to any other public institution of higher education in Texas.

Core-Curriculum Substitutions

The university does not allow core-curriculum substitutions after a student has enrolled at A&M-Texarkana.

History-and-Government Substitutions

State statute requires all state-supported higher-education institutions to include 6 SCH of U.S. History and 6 SCH of U.S. and Texas Government in the undergraduate curriculum. However, the student may substitute 3 SCH of Texas History for 3 SCH of U.S. History. State requirements do not allow other substitutions for these requirements.

Language Requirement for Bachelor of Arts Degrees

The Bachelor of Arts (BA) degree requires two years of the same foreign language (12 SCH) as part of the general-education requirements. Two years of study in the same foreign language in high school may substitute for the first year (6 SCH) of the same language at the university level. Students may not complete all bachelor's degrees as a BA. See the degree program listing for the programs that allow the BA option.

Guidelines for Undergraduate Double Majors

The university defines a double major as a single undergraduate degree with two majors. A student may not pursue more than two majors concurrently in a single degree program. The following guidelines shall apply for all undergraduate students seeking a double major:

1. A student must meet all university and college requirements for both majors (e.g. curricular, grade-point average, etc.).
2. A student may not seek more than two majors at one time.
3. Both majors must lead to the same degree outcome (e.g. Bachelor of Science (BS) in English and BS in Psychology; Bachelor of Business Administration (BBA) in Accounting and BBA in Business Administration).
4. Students seeking a double major will not complete a minor. The university will allow the double major in lieu of a minor.
5. A student must submit a formal application to the registrar's office to request a double major with the appropriate form. The student must complete the process no later than the last scheduled class day of the semester in which the student is scheduled to graduate.
6. A student will receive an official degree plan, which reflects all requirements necessary to complete the double majors, and the university will assign a faculty advisor for both majors.
7. For the Undergraduate Tuition Rebate eligibility and the Undergraduate Funding Limit Rule, the university will use the major with the highest total hours required. The university will charge the additional tuition rate for all hours, which exceed the limit under the Undergraduate Funding Limit Rule.

Undergraduate Degree-Plan Worksheets

For undergraduate degree planning requirements, please click the following link:

<http://tamut.edu/Student-Support/Registrar/Degree%20Plans.html>

Students may view the individual degree-program worksheets, grouped by college, below for information about each college's degree-program requirements for 2013-14:

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF BUSINESS BACHELOR OF BUSINESS ADMINISTRATION (BBA): ACCOUNTING

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BiOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
See OTHER REQUIREMENTS**			PHYS 1115 Physical Science I Lab		
Creative Arts (3 SCH)			PHYS 2125 University Physics I Lab		
ARTS 1301 Art Appreciation			PHYS 2126 University Physics II Lab		
DRAM 1310 Introduction to Theatre			Note: Seminars Listed Below are 1 SCH		
ENGL 2321 British Literature			ENGL 1111 Popular Music as Literature		
ENGL 2326 American Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2331 World Literature			MCOM 1111 Film Appreciation		
MUSI 1306 Music Appreciation			MCOM 1112 The Art of the Comic Book		
Social and Behavioral Sciences (3 SCH)			MCOM 1113 Communication in Today's Media Saturated World		
See OTHER REQUIREMENTS*			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)

3/1/2014

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF BUSINESS BACHELOR OF BUSINESS ADMINISTRATION (BBA): BUSINESS ADMINISTRATION

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BiOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
See OTHER REQUIREMENTS**			PHYS 1115 Physical Science I Lab		
Creative Arts (3 SCH)			PHYS 2125 University Physics I Lab		
ARTS 1301 Art Appreciation			PHYS 2126 University Physics II Lab		
DRAM 1310 Introduction to Theatre			Note: Seminars Listed Below are 1 SCH		
ENGL 2321 British Literature			ENGL 1111 Popular Music as Literature		
ENGL 2326 American Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2331 World Literature			MCOM 1111 Film Appreciation		
MUSI 1306 Music Appreciation			MCOM 1112 The Art of the Comic Book		
Social and Behavioral Sciences (3 SCH)			MCOM 1113 Communication in Today's Media Saturated World		
See OTHER REQUIREMENTS*			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)

3/1/2014

Eff: Fall 2014

BBA: BUSINESS ADMINISTRATION		
NAME:	CWID:	
	BUSINESS ADMINISTRATION CORE COURSES: 30 SCH	
	HOURS	
	Earned	Reqd
ACCT 325 Managerial Accounting		
FIN 354 Financial Management		
GBUS 440 International Business		
GBUS 450 Business Ethics		
MATH 2342 Elementary Statistical Methods		
MGT 395 Principles of Management		
MGT 439 Business Policy		
MGT 465 Production & Operations Management		
MIS 360 Essentials of Management Information Systems		
MKT 363 Marketing		
	MAJOR COURSES: 18 SCH	
3 SCH Upper Division Business Elective		
3 SCH Upper Division Business Elective		
3 SCH Upper Division Business Elective		
3 SCH Upper Division Business Elective		
3 SCH Upper Division Business Elective		
3 SCH Upper Division Business Elective		
	OTHER REQUIREMENTS: 36 SCH	
ACCT 2301 Principles of Acct I		
ACCT 2302 Principles of Acct II		
BCIS 1305 Business Computer Applications		
BUSI 2301 Business Law		
ECON 2301 Prin of Macroeconomics*		
ECON 2302 Prin of Microeconomics		
FIN 325 Money, Banking, and Financial Markets		
MGT 321 Organizational Behavior		
MGT 366 Topics in Organizational Leadership		
MGT 446 Entrepreneurship		
MATH 1324 Math for Business & Social Sciences**		
MATH 1325 Business Calculus		
	TOTAL HOURS FOR DEGREE: 120 SCH	
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)		
Page 2 3/1/2014	Eff: Fall 2014	

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF BUSINESS BACHELOR OF BUSINESS ADMINISTRATION (BBA): FINANCE CONCENTRATION

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BiOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
See OTHER REQUIREMENTS**			PHYS 1115 Physical Science I Lab		
Creative Arts (3 SCH)			PHYS 2125 University Physics I Lab		
ARTS 1301 Art Appreciation			PHYS 2126 University Physics II Lab		
DRAM 1310 Introduction to Theatre			Note: Seminars Listed Below are 1 SCH		
ENGL 2321 British Literature			ENGL 1111 Popular Music as Literature		
ENGL 2326 American Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2331 World Literature			MCOM 1111 Film Appreciation		
MUSI 1306 Music Appreciation			MCOM 1112 The Art of the Comic Book		
Social and Behavioral Sciences (3 SCH)			MCOM 1113 Communication in Today's Media Saturated World		
See OTHER REQUIREMENTS*			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)

3/1/2014

Eff: Fall 2014

BBA: FINANCE CONCENTRATION		
NAME:	CWID:	
BUSINESS ADMINISTRATION CORE COURSES: 30 SCH		HOURS
		Earned Reqd
ACCT 325 Managerial Accounting		
FIN 354 Financial Management		
GBUS 440 International Business		
GBUS 450 Business Ethics		
MATH 2342 Elementary Statistical Methods		
MGT 395 Principles of Management		
MGT 439 Business Policy		
MGT 465 Production & Ops Mgt		
MIS 360 Essentials of Management Information Systems		
MKT 363 Marketing		
MAJOR COURSES: 18 SCH		
ACCT 425 Cost Accounting		
FIN 464 Principles of Investments		
FIN470 International Finance		
FIN 474 Intermediate Financial Management		
FIN 484 Financial Institutions Management		
3 SCH Upper Division Business Elective		
OTHER REQUIREMENTS: 36 SCH		
ACCT 2301 Principles of Acct I		
ACCT 2302 Principles of Acct II		
BCIS 1305 Business Computer Applications		
BUSI 2301 Business Law		
ECON 2301 Prin of Macroeconomics*		
ECON 2302 Prin of Microeconomics		
FIN 325 Money, Banking, and Financial Markets		
MGT 321 Organizational Behavior		
MGT 366 Topics in Organizational Leadership		
MGT 446 Entrepreneurship		
MATH 1324 Math for Business & Social Sciences**		
MATH 1325 Business Calculus		
TOTAL HOURS FOR DEGREE: 120 SCH		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)		
Page 2 3/1/2014		Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF BUSINESS BACHELOR OF BUSINESS ADMINISTRATION (BBA): MANAGEMENT CONCENTRATION

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BiOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
See OTHER REQUIREMENTS**			PHYS 1115 Physical Science I Lab		
Creative Arts (3 SCH)			PHYS 2125 University Physics I Lab		
ARTS 1301 Art Appreciation			PHYS 2126 University Physics II Lab		
DRAM 1310 Introduction to Theatre			Note: Seminars Listed Below are 1 SCH		
ENGL 2321 British Literature			ENGL 1111 Popular Music as Literature		
ENGL 2326 American Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2331 World Literature			MCOM 1111 Film Appreciation		
MUSI 1306 Music Appreciation			MCOM 1112 The Art of the Comic Book		
Social and Behavioral Sciences (3 SCH)			MCOM 1113 Communication in Today's Media Saturated World		
See OTHER REQUIREMENTS*			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)

3/1/2014

Eff: Fall 2014

BBA: MANAGEMENT CONCENTRATION		
NAME:	CWID:	
	HOURS	
BUSINESS ADMINISTRATION CORE COURSES: 30 SCH	Earned	Reqd
ACCT 325 Managerial Accounting		
FIN 354 Financial Management		
GBUS 440 International Business		
GBUS 450 Business Ethics		
MATH 2342 Elementary Statistical Methods		
MGT 395 Principles of Management		
MGT 439 Business Policy		
MGT 465 Production & Operations Management		
MIS 360 Essentials of Management Information Systems		
MKT 363 Marketing		
MAJOR COURSES: 18 SCH		
GBUS 456 Social, Political, and Legal Environment		
MGT 326 Labor Relations		
MGT 475 Management Science		
MGT 495 Human Resources Management		
MIS 308 Project Management		
3 SCH Upper Division Business Elective		
OTHER REQUIREMENTS: 36 SCH		
ACCT 2301 Principles of Acct I		
ACCT 2302 Principles of Acct II		
BCIS 1305 Business Computer Applications		
BUSI 2301 Business Law		
ECON 2301 Prin of Macroeconomics*		
ECON 2302 Prin of Microeconomics		
FIN 325 Money, Banking, and Financial Markets		
MGT 321 Organizational Behavior		
MGT 366 Topics in Organizational Leadership		
MGT 446 Entrepreneurship		
MATH 1324 Math for Business & Social Sciences**		
MATH 1325 Business Calculus		
TOTAL HOURS FOR DEGREE: 120 SCH		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)		
Page 2 3/1/2014		Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF BUSINESS

BACHELOR OF BUSINESS ADMINISTRATION (BBA): MANAGEMENT INFORMATION SYSTEMS (MIS) CONCENTRATION

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BiOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
See OTHER REQUIREMENTS**			PHYS 1115 Physical Science I Lab		
Creative Arts (3 SCH)			PHYS 2125 University Physics I Lab		
ARTS 1301 Art Appreciation			PHYS 2126 University Physics II Lab		
DRAM 1310 Introduction to Theatre			Note: Seminars Listed Below are 1 SCH		
ENGL 2321 British Literature			ENGL 1111 Popular Music as Literature		
ENGL 2326 American Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2331 World Literature			MCOM 1111 Film Appreciation		
MUSI 1306 Music Appreciation			MCOM 1112 The Art of the Comic Book		
Social and Behavioral Sciences (3 SCH)			MCOM 1113 Communication in Today's Media Saturated World		
See OTHER REQUIREMENTS*			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)

3/1/2014

Eff: Fall 2014

BBA: MIS CONCENTRATION		
NAME:	CWID:	
BUSINESS ADMINISTRATION CORE COURSES: 30 SCH		HOURS
	Earned	Reqd
ACCT 325 Managerial Accounting		
FIN 354 Financial Management		
GBUS 440 International Business		
GBUS 450 Business Ethics		
MATH 2342 Elementary Statistical Methods		
MGT 395 Principles of Management		
MGT 439 Business Policy		
MGT 465 Production & Operations Management		
MIS 360 Essentials of Management Information Systems		
MKT 363 Marketing		
MAJOR COURSES: 18 SCH		
MIS 305 Electronic Commerce		
MIS 308 Project Management		
MIS 362 Systems Analysis and Design		
MIS 450 Principles of Information Security		
MGT 475 Management Science		
3 SCH Upper Division Business Elective		
OTHER REQUIREMENTS: 36 SCH		
ACCT 2301 Principles of Acct I		
ACCT 2302 Principles of Acct II		
BCIS 1305 Business Computer Applications		
BUSI 2301 Business Law		
ECON 2301 Prin of Macroeconomics*		
ECON 2302 Prin of Microeconomics		
FIN 325 Money, Banking, and Financial Markets		
MGT 321 Organizational Behavior		
MGT 366 Topics in Organizational Leadership		
MGT 446 Entrepreneurship		
MATH 1324 Math for Business & Social Sciences**		
MATH 1325 Business Calculus		
TOTAL HOURS FOR DEGREE: 120 SCH		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)		
Page 2 3/1/2014		Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF BUSINESS

BACHELOR OF BUSINESS ADMINISTRATION (BBA): MARKETING CONCENTRATION

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BiOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
See OTHER REQUIREMENTS**			PHYS 1115 Physical Science I Lab		
Creative Arts (3 SCH)			PHYS 2125 University Physics I Lab		
ARTS 1301 Art Appreciation			PHYS 2126 University Physics II Lab		
DRAM 1310 Introduction to Theatre			Note: Seminars Listed Below are 1 SCH		
ENGL 2321 British Literature			ENGL 1111 Popular Music as Literature		
ENGL 2326 American Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2331 World Literature			MCOM 1111 Film Appreciation		
MUSI 1306 Music Appreciation			MCOM 1112 The Art of the Comic Book		
Social and Behavioral Sciences (3 SCH)			MCOM 1113 Communication in Today's Media Saturated World		
See OTHER REQUIREMENTS*			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Your assigned academic advisor or Dr. George Boger (903.223.3185)(george.boger@tamut.edu)

3/1/2014

Eff: Fall 2014

Business Minor Requirements (18 SCH)

BUSI 2301	Business Law
ECON 2301	Principles of Macroeconomics
GBUS 456	Social, Political, and Legal Environment
MGT 395	Principles of Management
MIS 360	Essentials of Management Information Systems
MKT 363	Marketing

Effective 9/1/2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF: Science, Technology, Engineering, Mathematics BACHELOR OF Science in Computer Science

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
See MAJOR			ENGL 1302 Composition II (Mandatory of All Students)		
			3 SCH from any of the following:		
			IS 1100 University Foundations (mandatory for FTIC students)		
			ENGL 2340 Writing Across the Disciplines		
			Note: Labs Listed Below are 1 SCH		
			BIOL 1106 Biology for Science Majors I Lab		
			BIOL 1107 Biology for Science Majors II Lab		
			BIOL 1108 Biology for Non-Science Majors I Lab		
			BIOL 1109 Biology for Non-Science Majors II Lab		
			CHEM 1111 General Chemistry I Lab		
			CHEM 1112 General Chemistry II Lab		
			ENVR 1101 Environmental Science I Lab		
			PHYS 1101 College Physics I Lab		
			PHYS 1102 College Physics II Lab		
			PHYS 1115 Physical Science I Lab		
			PHYS 2125 University Physics I Lab (See Major)		
			PHYS 2126 University Physics II Lab (See Major)		
			Note: Seminars Listed Below are 1 SCH		
			ENGL 1111 Popular Music as Literature		
			HIST 1111 Cathedrals, Castles, and Monasteries		
			MCOM 1111 Film Appreciation		
			MCOM 1112 The Art of the Comic Book		
			MCOM 1113 Communication in Today's Media Saturated World		
			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		
Mathematics (3 SCH)					
See MAJOR					
Creative Arts (3 SCH)					
ARTS 1301 Art Appreciation					
DRAM 1310 Introduction to Theater					
ENGL 2321 British Literature					
ENGL 2326 American Literature					
ENGL 2331 World Literature					
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact:

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF Science in Computer Science

NAME: _____ CWID: _____

MAJOR	HOURS	
	EARNED	REQD
Mathematics		
MATH 2413 Calculus I (4sh)		4
MATH 2414 Calculus II (4sh)		4
Life and Physical Sciences		
PHYS 2325 University Physics I		3
PHYS 2125 University Physics I Lab		1
PHYS 2326 University Physics II		3
PHYS 2126 University Physics II Lab		1
MATH 2305 Discrete Mathematics		3
COSC 1315 Introduction to Computer Science		3
COSC 2318 Engineering Mathematics		3
CS 305 Data Structures		3
CS 332 C++ Programming (4sh)		4
CS 310 Analysis of Algorithms		3
CS 320 Digital Logic		3
CS 340 Computer Architecture		3
CS 352 Java Programming		3
CS 353 Adv Object-Oriented Programming		3
CS 360 Artificial Intelligence		3
CS 361 Database Design and Applications		3
CS 367 Software Engineering		3
CS 370 Programming Lang Design		3
CS 390 Ethics in Technology		3
CS 410 Operating Systems		3
CS 420 Computer Networks		3
MATH 415 Numerical Analysis		3
CS 485 Capstone in CS (4sh)		4
OTHER REQUIREMENTS		HOURS
15sh Electives from the following:		EARNED REQD
CS 316 Web Design and Programming 1		3
CS 363 Neural Networks and Machine Learning		3
CS 380 Automata Theory		3
CS 465 Computer Security		3
CS 466 Computer Game Design & Programming		3
CS 467 Image Processing & Computer Vision		3
CS 468 Quantum Computing		3
CS 497 Special Topics		3
EE 317 Information Theory		3
EE 325 Signals and Systems I		3
EE 326 Signals & Systems I Lab (1sh) (reired only along with EE 325 if it is taken)		1
TOTAL HOURS FOR DEGREE: 121		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact:

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF: Science, Technology, Engineering, Mathematics BACHELOR OF Science in Computer Science (Computer Engineering Concentration)

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
See MAJOR			ENGL 1302 Composition II (Mandatory of All Students)		
			3 SCH from any of the following:		
			IS 1100 University Foundations (mandatory for FTIC students)		
			ENGL 2340 Writing Across the Disciplines		
			Note: Labs Listed Below are 1 SCH		
			BIOL 1106 Biology for Science Majors I Lab		
			BIOL 1107 Biology for Science Majors II Lab		
			BIOL 1108 Biology for Non-Science Majors I Lab		
			BIOL 1109 Biology for Non-Science Majors II Lab		
			CHEM 1111 General Chemistry I Lab		
			CHEM 1112 General Chemistry II Lab		
			ENVR 1101 Environmental Science I Lab		
			PHYS 1101 College Physics I Lab		
			PHYS 1102 College Physics II Lab		
			PHYS 1115 Physical Science I Lab		
			PHYS 2125 University Physics I Lab (See Major)		
			PHYS 2126 University Physics II Lab (See Major)		
			Note: Seminars Listed Below are 1 SCH		
			ENGL 1111 Popular Music as Literature		
			HIST 1111 Cathedrals, Castles, and Monasteries		
			MCOM 1111 Film Appreciation		
			MCOM 1112 The Art of the Comic Book		
			MCOM 1113 Communication in Today's Media Saturated World		
			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		
Mathematics (3 SCH)					
See MAJOR					
Creative Arts (3 SCH)					
ARTS 1301 Art Appreciation					
DRAM 1310 Introduction to Theater					
ENGL 2321 British Literature					
ENGL 2326 American Literature					
ENGL 2331 World Literature					
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact:

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF

NAME:		CWID:	
MAJOR			HOURS EARNED REQD
Mathematics			
MATH 2413 Calculus I (4sh)			4
MATH 2414 Calculus II (4sh)			4
Life and Physical Sciences			
PHYS 2325 University Physics I			3
PHYS 2125 University Physics I Lab			1
PHYS 2326 University Physics II			3
PHYS 2126 University Physics II Lab			1
MATH 2305 Discrete Mathematics			3
COSC 1315 Introduction to Computer Science			3
COSC 2318 Engineering Mathematics			3
ENGR 2305 Electric Circuits 1			3
CS 332 C++ Programming (4sh)			4
CS 310 Analysis of Algorithms			3
CS 320 Digital Logic			3
EE 320 Circuit Laboratory (1sh)			1
EE 322 Digital Logic Lab (1sh)			1
CS 340 Computer Architecture			3
CS 352 Java Programming			3
CS 353 Adv Object-Oriented Programming			3
EE 325 Signals and Systems I			3
EE 326 Signals & Systems I Lab (1sh)			1
CS 367 Software Engineering			3
CS 390 Ethics in Technology			3
CS 420 Computer Networks			3
MATH 415 Numerical Analysis			3
EE 455 Digital Circuit Testing & Testability			3
EE 470 Digital Design Using VHDL			3
CS 485 Capstone in CS (4sh)			4
OTHER REQUIREMENTS			HOURS EARNED REQD
15sh Electives from the following:			
CS 316 Web Design and Programming 1			3
CS 363 Neural Networks and Machine Learning			3
CS 380 Automata Theory			3
CS 465 Computer Security			3
CS 466 Computer Game Design & Programming			3
CS 467 Image Processing & Computer Vision			3
CS 468 Quantum Computing			3
CS 497 Special Topics			3
EE 317 Information Theory			3
EE 425 Signals & Systems II			3
TOTAL HOURS FOR DEGREE: 121			
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.			
This worksheet is not a degree plan and should be used for informational purposes only.			
Contact:			
Page 2 3/1/2014			Eff: Fall 2014

Degree: BACHELOR SCIENCE IN ELECTRICAL ENGINEERING					
NAME:			CWID:		
ELECTRICAL ENGINEERING MAJOR					
	HOURS			HOURS	
	EARNED	REQD		EARNED	REQD
PHYS 2325 University Physics I		3	Labs.		
PHYS 2326 University Physics II		3	EE 320 Circuit Laboratory		1
CHEM 1307 General Chemistry Engineering Students		3	EE 322 Digital Logic Lab		1
COSC 1315 Introduction to Computer Science		3	EE 326 Signals & Systems I Lab		1
Math 2305 Discrete Mathematics		3	EE 336 Electronics Lab		1
Math 2413 Calculus I (4sh)		4	PHYS 2125 University Physics I Lab		1
Math 2414 Calculus II (4sh)		4	PHYS 2126 University Physics II Lab		1
Math 2415 Calculus III (4sh)		4			
Math 2320 Differential Equations		3			
Math 2318 Linear Algebra		3			
Engr 307 Probability & Random Processes		3			
Engr 2305 Electric Circuits I		3			
EE 319 Electric Circuits II		3			
EE 321 Digital Logic		3			
EE 325 Signals & Systems I		3			
EE 332 C++ Programming (4sh)		4			
EE 335 Electronics		3			
EE 340 Computer Architecture		3			
EE 345 Intro. to Electromagnetic Theory		3			
EE 390 Ethics in Technology		3			
EE 470 Digital Design Using VHDL		3			
EE 429 Basic Communication Theory		3			
EE 455 Digital Circuit Testing & Testability		3			
EE 475 Capstone Project (4sh)		4			
ELECTIVES (12 SCH from the following)		HOURS		HOURS	
		EARNED	REQD	EARNED	REQD
CS 363 Neural Networks & Machine Learning			3	EE 425 Signals & Systems II	3
CS 367 Software Engineering			3	**EE 467 Intro. to Robotics	3
CS 420 Computer Networks			3	EE 469 Wireless Communications	3
CS 465 Computer Security			3	EE 473 Power Systems	3
CS 467 Image Proc and Computer Vision			3	EE 497 Special Topics	3
EE 310 Algorithm Analysis			3	**EE 427 Mixed Signal Design	3
EE 317 Information Theory			3	**EE 431 Intro. to Nanotechnology	3
EE468 Quantum Computing			3	**EE 451 Reconfigurable System Design	3
EE 465 VLSI Design			3		
**EE 346 Embedded System Design			3		
TOTAL HOURS FOR DEGREE: 126 SCH					
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.					
This worksheet is not a degree plan and should be used for informational purposes only.					
Contact:					
Page 2 3/1/2014					
Eff: Fall 2014					

TEXAS A&M UNIVERSITY-TEXARKANA

**College of Science, Technology, Engineering, and Mathematics
Bachelor of Science in Mathematics**

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED REQD		HOURS EARNED REQD
Communication (6 SCH)		Language, Philosophy, and Culture (3 SCH)	
ENGL 1301 Composition I		HIST 2321 World Civilizations I	
SPCH 1315 Intro to Public Speaking		HIST 2322 World Civilizations II	
Government/Political Science (6 SCH)		MCOM 2370 Introduction to Am. Film History	
GOVT 2301 Amer Govt I: Fed & TX Constitution		PHIL 1301 Introduction to Philosophy	
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior		SPAN 1311 Beginning Spanish I	
American History (6 SCH)		SPAN 1312 Beginning Spanish II	
HIST 1301 U.S. History I		SPAN 2311 Intermediate Spanish I	
HIST 1302 U.S. History II		SPAN 2312 Intermediate Spanish II	
Life and Physical Sciences (6 SCH)		Component Area Option (6 SCH)	
BIOL 1306 Biology for Science Majors I		ENGL 1302 Composition II (Mandatory of All Students)	
BIOL 1307 Biology for Science Majors II		3 SCH from any of the following:	
BIOL 1308 Biology for Non-Science Majors I		IS 1100 University Foundations (mandatory for FTIC students)	
BIOL 1309 Biology for Non-Science Majors II		ENGL 2340 Writing Across the Disciplines	
CHEM 1311 General Chemistry I		Note: Labs Listed Below are 1 SCH	
CHEM 1312 General Chemistry II		BIOL 1106 Biology for Science Majors I Lab	
EE/CS 2301 Ethics in Technology		BIOL 1107 Biology for Science Majors II Lab	
ENVR 1301 Environmental Science I		BIOL 1108 Biology for Non-Science Majors I Lab	
PHYS 1301 College Physics I		BIOL 1109 Biology for Non-Science Majors II Lab	
PHYS 1302 College Physics II		CHEM 1111 General Chemistry I Lab	
PHYS 1315 Physical Science I		CHEM 1112 General Chemistry II Lab	
PHYS 2325 University Physics I - <i>recommended</i>		ENVR 1101 Environmental Science I Lab	
PHYS 2326 University Physics II - <i>recommended</i>		PHYS 1101 College Physics I Lab	
Mathematics (3 SCH)		PHYS 1102 College Physics II Lab	
MATH 1314 College Algebra		PHYS 1115 Physical Science I Lab	
MATH 1324 Math for Business & Social Sciences I		PHYS 2125 University Physics I Lab - <i>recommended</i>	
MATH 1332 Contemporary Mathematics I		PHYS 2126 University Physics II Lab - <i>recommended</i>	
MATH 2412 Pre-Calculus (4 SCH)		Note: Seminars Listed Below are 1 SCH	
MATH 2413 Calculus I (4 SCH)		ENGL 1111 Popular Music as Literature	
Creative Arts (3 SCH)		HIST 1111 Cathedrals, Castles, and Monasteries	
ARTS 1301 Art Appreciation		MCOM 1111 Film Appreciation	
DRAM 1310 Introduction to Theater		MCOM 1112 The Art of the Comic Book	
ENGL 2321 British Literature		MCOM 1113 Communication in Today's Media Saturated World	
ENGL 2326 American Literature		PHIL 1111 Ethics	
ENGL 2331 World Literature		Any Course in FCA Not Counted Elsewhere	
MUSI 1306 Music Appreciation			
Social and Behavioral Sciences (3 SCH)			
BUSI 1301 Introduction to Business			
CJ 1301 Introduction to Criminal Justice			
ECON 2301 Prin of Macroeconomics			
ECON 2302 Principles of Microeconomics			
PSYC 2301 General Psychology			
SOCI 1301 Introduction to Sociology			

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: The College of Science, Technology, Engineering, and Mathematics at (903) 334-6651

3/1/2014

Eff: Fall 2014

Science, Technology, Engineering, and Mathematics Minors

Biology Minor:

BIOL 1306—Biology for Science Majors I
BIOL 1106—Biology for Science Majors I Lab
BIOL 1307—Biology for Science Majors II
BIOL 1107—Biology for Science Majors II Lab
BIOL 466—Evolutionary Biology
9 SCH UD Biology Electives

Environmental Science Minor:

BIOL 2406—Environmental Biology
BIOL 307—General Ecology
BIOL 450—Limnology
BIOL 330—Introduction to GIS
BIOL 367—U.S. Environmental Regulations
CHEM 340—Quantitative-Chemical
Instrumentation
CHEM 405—Environmental Chemistry

Natural-Resource Management Minor:

BIOL 2406—Environmental Biology
BIOL 307—General Ecology
BIOL 450—Limnology
BIOL 320—Introduction to Natural-Resource
Management
BIOL 330—Introduction to GIS
BIOL 340—Field Methods in Natural-Resource
Management

Chemistry:

CHEM 1311—General Chemistry I
CHEM 1111—General Chemistry I Lab
CHEM 1312—General Chemistry II
CHEM 1112—General Chemistry II Lab
CHEM 2423—Organic Chemistry I
CHEM 2425—Organic Chemistry II
CHEM 405—Environmental Chemistry
OR CHEM 410—Biochemistry I

Computer Science:

COSC 1315—Introduction to Computer Science
MATH 2305—Discrete Mathematics
CS 305—Data Structures
CS 310—Algorithm Analysis
CS 320—Digital Logic
CS 340—Computer Architecture

Mathematics:

MATH 2413—Calculus I
MATH 2414—Calculus II
MATH 2415—Calculus III
9 SCH UD Mathematics Electives
(Excluding MATH 426)

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS BACHELOR OF APPLIED ARTS AND SCIENCES

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BIOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 1314 College Algebra			PHYS 1115 Physical Science I Lab		
MATH 1324 Math for Business & Social Sciences			PHYS 2125 University Physics I Lab		
MATH 1332 Contemporary Mathematics I			PHYS 2126 University Physics II Lab		
MATH 2412 Pre-Calculus			Note: Seminars Listed Below are 1 SCH		
MATH 2413 Calculus I			ENGL 1111 Popular Music as Literature		
Creative Arts (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
ARTS 1301 Art Appreciation			MCOM 1111 Film Appreciation		
DRAM 1310 Introduction to Theater			MCOM 1112 The Art of the Comic Book		
ENGL 2321 British Literature			MCOM 1113 Communication in Today's Media Saturated World		
ENGL 2326 American Literature			PHIL 1111 Ethics		
ENGL 2331 World Literature			Any Course in FCA Not Counted Elsewhere		
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

Note: A minimum of 45 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA
Bachelor of Applied Arts & Sciences (BAAS) Complements

NAME: _____

CWID: _____

Behavioral Sciences Complement

A minimum of 24 upper-division SCH from Criminal Justice, Psychology, and/or Sociology

Computer Technology Complement

A minimum of 24 upper-division SCH approved by the BAAS Coordinator from the following courses:

- | | |
|--|--|
| CS 305 Data Structures | ITED 315 Introduction to Instructional Technology |
| CS 367 Software Engineering | ITED 350 Technologies for Teaching, Learning and Communication |
| CS390 Computing History, Ethics, and Technology | ITED 426 Development of Instructional Video |
| CS 420 Computer Networks | ITED 450 Development of Instructional Websites |
| MIS 308 Project Management | ITED 460 Introduction to Web-Based Instructional Content Development |
| MIS 360 Essentials of Management Information Systems | ITED 480 Development of Instructional Technology Projects |

Other courses at 300/400 level may be substituted with advisor approval, with a **limitation of 9 SCH in Management Information Systems (MIS)**.

Criminal Justice Complement: A minimum of 24 upper-division SCH from Criminal Justice.

English Complement: A minimum of 24 upper-division SCH from English.

Instructional Technology Complement: A minimum of 24 upper-division SCH from Instructional Technology

Liberal Arts Complement: A minimum of 24 upper-division SCH from the following:

- | | | |
|--|----------------------------------|--|
| Criminal Justice Education (up to 12 SCH as approved by BAAS Coordinator) Includes: <i>Reading, Early Childhood Education, Special Education, and Bilingual Education</i> | Geography | Math |
| English | History | Political Science |
| Fine Arts (Art, Drama, Music) | Instructional Technology | Psychology |
| | Interdisciplinary Studies | Science – Includes <i>Biology, Chemistry, and Physics</i> |
| | Journalism | Sociology |
| | Leadership | Spanish |
| | Mass Communications | |

Mass Communications Complement: A minimum of 24 upper-division SCH as listed:

- | | |
|--|--|
| Initial Courses: | Subsequent to MCOM 300 and 491: |
| MCOM 300: Mass Communication Theory | MCOM 420: Case Studies in Advertising |
| MCOM 491: Research in Mass Communication | MCOM 430: Public Relations Campaigns |
| | MCOM 418: concepts in Classical film |
| | MCOM 419: Popular Culture and Mass Communication |
| | MCOM 310: Advanced Writing for Mass Media |
| | MCOM 417: Advanced New Media Production |

Organizational Leadership Complement: A minimum of 24 upper-division SCH as listed:

- | | |
|--|--|
| LEAD 305 Introduction to Leadership: Concepts and Practice | Additional 9 hours from the following: |
| LEAD 310 Leadership Theory & Practice | Up to 9 upper-division SCH in LEAD electives |
| LEAD 415 Organizational Development & Change | Up to 9 upper-division SCH from College of Business (total includes MGT 321) |
| LEAD 420 Community Leadership | Upper-division PSCI elective |
| PSY 404 (Industrial Psychology) or MGT 321 (Organizational Behavior) | |

Political Science Complement: A minimum of 24 Upper-division SCH from Political Science

Sociology Complement: A minimum of 24 Upper-division SCH from Sociology.

Note: Bachelor's degree graduation requirements include these minimums: 45 upper-division hours and resident credit totaling 25% of the hours required for the degree.
 01/15/14 This form is not a degree plan. It is for informational purposes only. Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS, NURSING

BACHELOR OF SCIENCE

MAJOR: BIOLOGY CERTIFICATION: 4-8 SCIENCE

NAME: _____

CWID: _____

GENERAL EDUCATION		HOURS EARNED	REQD			HOURS EARNED	REQD
Communication (6 SCH)				Language, Philosophy, and Culture (3 SCH)			
ENGL 1301 Composition I				HIST 2321 World Civilizations I			
SPCH 1315 Intro to Public Speaking				HIST 2322 World Civilizations II			
Government/Political Science (6 SCH)				MCOM 2370 Introduction to Am. Film History			
GOVT 2301 Amer Govt I: Fed & TX Constitution				PHIL 1301 Introduction to Philosophy			
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior				SPAN 1311 Beginning Spanish I			
American History (6 SCH)				SPAN 1312 Beginning Spanish II			
HIST 1301 U.S. History I				SPAN 2311 Intermediate Spanish I			
HIST 1302 U.S. History II				SPAN 2312 Intermediate Spanish II			
Life and Physical Sciences (6 SCH)				Component Area Option (6 SCH)			
BIOL 1306 Biology for Science Majors I (See Major)				ENGL 1302 Composition II (Mandatory of All Students)			
BIOL 1307 Biology for Science Majors II (See Major)				3 SCH from any of the following:			
Mathematics (3 SCH)				IS 1100 University Foundations (mandatory for FTIC students)			
MATH 1314 College Algebra				ENGL 2340 Writing Across the Disciplines			
Creative Arts (3 SCH)				Note: Labs Listed Below are 1 SCH			
ARTS 1301 Art Appreciation				BIOL 1106 Biology for Science Majors I Lab (See Major)			
DRAM 1310 Introduction to Theater				BIOL 1107 Biology for Science Majors II Lab (See Major)			
ENGL 2321 British Literature				BIOL 1108 Biology for Non-Science Majors I Lab			
ENGL 2326 American Literature				BIOL 1109 Biology for Non-Science Majors II Lab			
ENGL 2331 World Literature				CHEM 1111 General Chemistry I Lab			
MUSI 1306 Music Appreciation				CHEM 1112 General Chemistry II Lab			
Social and Behavioral Sciences (3 SCH)				ENVR 1101 Environmental Science I Lab			
BUSI 1301 Introduction to Business				PHYS 1101 College Physics I Lab			
CJ 1301 Introduction to Criminal Justice				PHYS 1102 College Physics II Lab			
ECON 2301 Prin of Macroeconomics				PHYS 1115 Physical Science I Lab			
ECON 2302 Principles of Microeconomics				PHYS 2125 University Physics I Lab			
PSYC 2301 General Psychology				PHYS 2126 University Physics II Lab			
SOCI 1301 Introduction to Sociology				Note: Seminars Listed Below are 1 SCH			
				ENGL 1111 Popular Music as Literature			
				HIST 1111 Cathedrals, Castles, and Monasteries			
				MCOM 1111 Film Appreciation			
				MCOM 1112 The Art of the Comic Book			
				MCOM 1113 Communication in Today's Media Saturated World			
				PHIL 1111 Ethics			
				Any Course in FCA Not Counted Elsewhere			
				Apply 3rd Year, 1st Semester			
				1. Application to Teacher Prep Program via TK20			
				2. GPA requirement of 2.8 cumulative			
				3. Completion of Ed 321 and Sped 410 with grade C or above			
				4. Completion of 12 sh in Content Area with no grade below C			
				For EC-6: 3 sh Govt or Hist; 3 sh Eng (not 1301 or 1302); 3 sh Math;			
				3 sh Science or other approved content courses			
				5. THEA scores of Reading 240, Math 230, Reading 220			

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF SCIENCE IN BIOLOGY 4-8 SCIENCE		
NAME:		CWID:
MAJOR:	HOURS	
	Earned	REQD
BIOL 1306 Biologoy for Science Majors I*		
BIOL 1106 Biol for Sci Majors I lab (1 SCH)**		
BIOL 1307 Biol for Science Majors II*		
BIOL 1107 Biol for Sci Majors II lab (1 SCH)**		
GEOL 1403 Physical Geology (4 SCH)		
PHYS 1411 Introductory Astronomy (4 SCH)		
BIOL 307 General Ecology		
BIOL 308 Invertebrate Zoology		
BIOL310 Genetics		
BIOL 402 Cell & Molecular Biology		
BIOL 466 Evolutionary Biology		
CHEM 472 Forensic Science		
3 SCH UD Biology Electives		
Other Requirements:		
ITED 350 Tech for Instruct., Learning & Comm.		
RDG 343 Reading Beyond Primary Grades		
RDG 350 Emergent Literacy Development		
MATH 1350 Fundamentals of Mathematics I		
MATH 1351 Fundamentals of Mathematics II		
PHYS I415 Physical Science 1 (4 SCH)		
PHYS 1417 Physical Science II (4SCH)		
SPED 410 Characteristics of Diverse Learners		
PROFFESIONAL DEVELOPMENT		
ED 311 Growth and Development		
ED 321 Foundations of Education		
Field-Based Semester:		
ED 331*** Classroom Behavior & Management		
ED 495***Co-Teaching		
Student Teaching Semester:		
ED 496*** Co-Teaching Practicum)		
SPED 418*** Research, Trends, & Issues in Educ.		
* Satisfies core curriculum		
** May satisfy core curriculum in Component Area Option		
***Requires Admission to Teacher Prep Prog		
Minimum grade of "C" required for all Major and Professional Development courses.		
ELECTIVES (as needed to satisfy minimum degree requirements including 54 SCH of Upper Division Coursework)		
TOTAL HOURS FOR DEGREE: 120		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Dr. David Allard (david.allred@tamut.edu); Dr. Laird (william,laird@tamut.edu)		
Page 2 3/1/2014		
Eff: Fall 2014		

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS, NURSING

BACHELOR OF SCIENCE

MAJOR: BIOLOGY CERTIFICATION: 7-12 LIFE SCIENCES

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)
ENGL 1301 Composition I			HIST 2321 World Civilizations I
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I
American History (6 SCH)			SPAN 1312 Beginning Spanish II
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)
BIOL 1306 Biology for Science Majors I (See Major)			ENGL 1302 Composition II (Mandatory of All Students)
BIOL 1307 Biology for Science Majors II (See Major)			3 SCH from any of the following:
Mathematics (3 SCH)			IS 1100 University Foundations (mandatory for FTIC students)
MATH 2412 Pre-Calculus (See Major)			ENGL 2340 Writing Across the Disciplines
Creative Arts (3 SCH)			Note: Labs Listed Below are 1 SCH
ARTS 1301 Art Appreciation			BIOL 1106 Biology for Science Majors I Lab (See Major)
DRAM 1310 Introduction to Theater			BIOL 1107 Biology for Science Majors II Lab (See Major)
ENGL 2321 British Literature			BIOL 1108 Biology for Non-Science Majors I Lab
ENGL 2326 American Literature			BIOL 1109 Biology for Non-Science Majors II Lab
ENGL 2331 World Literature			CHEM 1111 General Chemistry I Lab (See Major)
MUSI 1306 Music Appreciation			CHEM 1112 General Chemistry II Lab
Social and Behavioral Sciences (3 SCH)			ENVR 1101 Environmental Science I Lab
BUSI 1301 Introduction to Business			PHYS 1101 College Physics I Lab
CJ 1301 Introduction to Criminal Justice			PHYS 1102 College Physics II Lab
ECON 2301 Prin of Macroeconomics			PHYS 1115 Physical Science I Lab
ECON 2302 Principles of Microeconomics			PHYS 2125 University Physics I Lab
PSYC 2301 General Psychology			PHYS 2126 University Physics II Lab
SOCI 1301 Introduction to Sociology			Note: Seminars Listed Below are 1 SCH
			ENGL 1111 Popular Music as Literature
			HIST 1111 Cathedrals, Castles, and Monasteries
			MCOM 1111 Film Appreciation
			MCOM 1112 The Art of the Comic Book
			MCOM 1113 Communication in Today's Media Saturated World
			PHIL 1111 Ethics
			Any Course in FCA Not Counted Elsewhere
			Teacher Preparation Program Admission Requirements:
			Apply 3rd Year, 1st Semester
			1. Application to Teacher Prep Program via TK20
			2. GPA requirement of 2.8 cumulative
			3. Completion of Ed 321 and Sped 410 with grade C or above
			4. Completion of 12 sh in Content Area with no grade below C
			For EC-6: 3 sh Govt or Hist; 3 sh Eng (not 1301 or 1302); 3 sh Math;
			3 sh Science or other approved content courses
			5. THEA scores of Reading 240, Math 230, Reading 220

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF SCIENCE IN BIOLOGY 7-12 LIFE SCIENCES

NAME: _____ CWID: _____

MAJOR	HOURS	
	Earned	REQD
BIOL 1306 Biolgoy for Science Majors I*		
BIOL 1106 Biol for Sci Majors I lab (1 SCH)**		
BIOL 1307 Biol for Science Majors II*		
BIOL 1107 Biol for Sci Majors II lab (1 SCH)**		
8 SCH Approved LD Biology Electives		
CHEM 1311 General Chemistry I		
CHEM 1111 General chemistry I lab (1 SCH)		
CHEM 1312 General Chemistry II		
CHEM 1112 General Chemistry II lab (1 SCH)		
BIOL 307 General Ecology		
BIOL 308 Invertebrate Zoology		
BIOL310 Genetics		
BIOL 402 Cell Biology		
BIOL 466 Evolutionary Biology		
BIOL 481 Senior Seminar		
9 SCH UD Biology Electives		
Other Requirements:		
ITED 350 Tech form Instruct., Learning & Comm.		
RDG 343 Reading Beyond Primary Grades		
MATH 2412 Pre Calculus (from Gen Ed)		
MATH 2342 Elementary Statistical Methods		
PROFFESIONAL DEVELOPMENT		
ED 311 Growth and Development		
ED 321 Foundations of Education		
SPED 410 Character of Diverse Learners		
Field-Based Semester:		
ED 331** Classroom Behavior & Management		
ED 495** Co-Teaching Field Experience		
Student Teaching Semester:		
ED 496** Co-Teaching Practicum		
SPED 418** Research, Trends, & Issues in Educ.		
* Also satisfies core curriculum		
* May satisfy core under Component Area Option		
**Requires Admission to Teacher Prep Prog		
Minimum grade of "C" required in all Major and Professional Development courses		
ELECTIVES (as needed to satisfy minimum degree requirements including 54 SCH Upper Division Coursework)		
TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.**Contact: Dr. David Allard (david.allred@tamut.edu); Dr. Laird (william,laird@tamut.edu)**

Degree: BACHELOR OF BIOLOGY 7-12 COMPOSITE SCIENCE

NAME: _____ CWID: _____

MAJOR	HOURS	
	EARNED	REQD
BIOL 1306 Biologoy for Science Majors I* (from core curriculum)		
BIOL 1106 Biology for Science Majors I lab (1 SCH) (from core curriculum)		
BIOL 1307 Biology for Science Majors II (from core curriculum)		
BIOL 1107 Biology for Science Majros II lab (1 SCH) (from core curriculum)		
CHEM 1311 General Chemistry I (from core curriculum)		
CHEM 1111 General Chemistry I lab (1 SCH) (from core curriculum)		
CHEM 1312 General Chemistry II		
CHEM 1112 General Chemistry II lab (1 SCH)		
PHYS 1301 College Physics I		
PHYS 1101 College Physics I lab (1 SCH)		
PHYS 1302 College Physics II		
PHYS 1102 College Physics II lab (1 SCH)		
GEOL 1403 Physical Geology (4 SCH)		
PHYS 1411 Introductory Astronomy (4 SCH)		
BIOL 307 General Ecology		
BIOL 308 Invertebrate Zoology		
BIOL 310 Genetics		
BIOL 402 Cell Biology		
BIOL 466 Evolutionary Biology		
BIOL 481 Senior Seminar		
3 SCH UD Biology Electives		
Other Requirements:		
ITED 350 Tech form Instruct., Learning & Comm.		
RDG 343 Reading Beyond Primary Grades		
MATH 1314 College Algebra (from Core Curriculum)		
MATH 2342 Elementary Statistical Methods		
Professional Development		
ED 311 Growth and Development		
ED 321 Foundations of Education		
SPED 410 Character of Diverse Learners		
Field Based Semester:		
ED 331** Classroom Behavior & Management		
ED 495** Co-Teaching Field Expearence		
Student Teaching Semester		
ED 496** Co-Teaching Practicum		
SPED 418** Research, Issues & Trends in Educ.		
*Satisfies Core Curriculum		
**Requires Admission to Teacher Prep Prog		
Electives (As needed to satisfy minimum degree requirements and 54 SCH of Upper Division Coursework)		
Minimun Grade of "C" required in all Major and Professional Development Courses		
TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Dr. David Allard (david.allard@tamut.edu); Dr. William Laird (william.laird@tamut.edu)

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF: EDUCATION AND LIBERAL ARTS BACHELOR OF SCIENCE: ENGLISH CERTIFICATION 4-8 ENGLISH, LANG. ARTS, READING

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I (See Major)			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students) (See Major)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BIOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 1314 College Algebra			PHYS 1115 Physical Science I Lab		
MATH 1324 Math for Business & Social Sciences			PHYS 2125 University Physics I Lab		
MATH 1332 Contemporary Mathematics I			PHYS 2126 University Physics II Lab		
MATH 2412 Pre-Calculus			Note: Seminars Listed Below are 1 SCH		
MATH 2413 Calculus I			ENGL 1111 Popular Music as Literature		
Creative Arts (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
ARTS 1301 Art Appreciation			MCOM 1111 Film Appreciation		
DRAM 1310 Introduction to Theater			MCOM 1112 The Art of the Comic Book		
ENGL 2321 British Literature (See Major)			MCOM 1113 Communication in Today's Media Saturated World		
ENGL 2326 American Literature (See Major)			PHIL 1111 Ethics		
ENGL 2331 World Literature (See Major)			Any Course in FCA Not Counted Elsewhere		
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)			Teacher Preparation Program Admission Requirements:		
BUSI 1301 Introduction to Business			Apply 3rd Year, 1st Semester		
CJ 1301 Introduction to Criminal Justice			1. Application to Teacher Prep Program via TK20		
ECON 2301 Prin of Macroeconomics			2. GPA requirement of 2.8 cumulative		
ECON 2302 Principles of Microeconomics			3. Completion of Ed 321 and Sped 410 with grade C or above		
PSYC 2301 General Psychology			4. Completion of 12 sh in Content Area with no grade below C		
SOCI 1301 Introduction to Sociology			For EC-6: 3 sh Govt or Hist; 3 sh Eng (not 1301 or 1302); 3 sh Math;		
			3 sh Science or other approved content courses		
			5. THEA scores of Reading 240, Math 230, Reading 220		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact:

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF		
NAME:	CWID:	
MAJOR	HOURS EARNED REQD	
ENGL 1301 Composition I		
ENGL 1302 Composition II		
ENGL 2321 Survey of British Literature		
ENGL 2326 Survey of American Literature		
ENGL 2331 Survey of World Literature		
ENGL 2360 Intro to Literary Studies		
ENG 312 Shakespeare		
ENG 320 Understanding Grammar		
ENG 340 Advanced Expository Writing		
ENG 424 History and Grammar of English		
ENG 442 Advanced American Literature		
ENG 445 Advanced World Literature		
ENG 472 Advanced British Literature		
ENG 491 Capstone		
Reading:		
RDG 343 Reading Beyond Primary Grades		
RDG 352 Literacy Development in Upper Grades		
RDG 354 Assessment Driven Literacy Instruction		
6 SCH from:		
ENG 305 Children's Literature		
ENG 430 Sense and Sensibilities: Images in Women's Lit		
ENG 450 Studies in Genre (may be repeated under a different genre)		
ENG 497 Special Topics		
Other Requirements:		
ITED 350 Tech from Instruct, Learning & Communication		
PHYS 1415 Physical Science		
2 SCH LD Electives		
Professional Development:		
ED 311 Growth and Development		
ED 321 Foundations of Education		
ED 435 Curriculum		
SPED 410 Character of Diverse Learners		
Field-Based Semester:		
ED 331 Classroom Behavior and Management		
ED 495 Co-Teaching, Field Based Experience		
Student Teaching Semester:		
ED 496 Co-Teaching Practicum		
SPED 418 Research, Issues, and Trends in Education		
ELECTIVES (as needed to meet minimum degree requirements)		
TOTAL HOURS FOR DEGREE: 121		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Dr. Jonne Akens, English Undergraduate Program Coordinator (903) 223-3024 jonne.akens@tamut.edu		Eff: Fall 2014
Page 2 3/1/2014		

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF: EDUCATION AND LIBERAL ARTS BACHELOR OF SCIENCE: ENGLISH CERTIFICATION 7-12 ENGLISH, LANG. ARTS, READING

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED REQD	
Communication (6 SCH)		
ENGL 1301 Composition I (See Major)		
SPCH 1315 Intro to Public Speaking		
Government/Political Science (6 SCH)		
GOVT 2301 Amer Govt I: Fed & TX Constitution		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior		
American History (6 SCH)		
HIST 1301 U.S. History I		
HIST 1302 U.S. History II		
Life and Physical Sciences (6 SCH)		
BIOL 1306 Biology for Science Majors I		
BIOL 1307 Biology for Science Majors II		
BIOL 1308 Biology for Non-Science Majors I		
BIOL 1309 Biology for Non-Science Majors II		
CHEM 1311 General Chemistry I		
CHEM 1312 General Chemistry II		
EE/CS 2301 Ethics in Technology		
ENVR 1301 Environmental Science I		
PHYS 1301 College Physics I		
PHYS 1302 College Physics II		
PHYS 1315 Physical Science I		
PHYS 2325 University Physics I		
PHYS 2326 University Physics II		
Mathematics (3 SCH)		
MATH 1314 College Algebra		
MATH 1324 Math for Business & Social Sciences		
MATH 1332 Contemporary Mathematics I		
MATH 2412 Pre-Calculus		
MATH 2413 Calculus I		
Creative Arts (3 SCH)		
ARTS 1301 Art Appreciation		
DRAM 1310 Introduction to Theater		
ENGL 2321 British Literature (See Major)		
ENGL 2326 American Literature (See Major)		
ENGL 2331 World Literature (See Major)		
MUSI 1306 Music Appreciation		
Social and Behavioral Sciences (3 SCH)		
BUSI 1301 Introduction to Business		
CJ 1301 Introduction to Criminal Justice		
ECON 2301 Prin of Macroeconomics		
ECON 2302 Principles of Microeconomics		
PSYC 2301 General Psychology		
SOCI 1301 Introduction to Sociology		

	HOURS EARNED REQD	
Language, Philosophy, and Culture (3 SCH)		
HIST 2321 World Civilizations I		
HIST 2322 World Civilizations II		
MCOM 2370 Introduction to Am. Film History		
PHIL 1301 Introduction to Philosophy		
SPAN 1311 Beginning Spanish I		
SPAN 1312 Beginning Spanish II		
SPAN 2311 Intermediate Spanish I		
SPAN 2312 Intermediate Spanish II		
Component Area Option (6 SCH)		
ENGL 1302 Composition II (Mandatory of All Students) See Major)		
3 SCH from any of the following:		
IS 1100 University Foundations (mandatory for FTIC students)		
ENGL 2340 Writing Across the Disciplines		
Note: Labs Listed Below are 1 SCH		
BIOL 1106 Biology for Science Majors I Lab		
BIOL 1107 Biology for Science Majors II Lab		
BiOL 1108 Biology for Non-Science Majors I Lab		
BIOL 1109 Biology for Non-Science Majors II Lab		
CHEM 1111 General Chemistry I Lab		
CHEM 1112 General Chemistry II Lab		
ENVR 1101 Environmental Science I Lab		
PHYS 1101 College Physics I Lab		
PHYS 1102 College Physics II Lab		
PHYS 1115 Physical Science I Lab		
PHYS 2125 University Physics I Lab		
PHYS 2126 University Physics II Lab		
Note: Seminars Listed Below are 1 SCH		
ENGL 1111 Popular Music as Literature		
HIST 1111 Cathedrals, Castles, and Monasteries		
MCOM 1111 Film Appreciation		
MCOM 1112 The Art of the Comic Book		
MCOM 1113 Communication in Today's Media Saturated World		
PHIL 1111 Ethics		
Any Course in FCA Not Counted Elsewhere		
Teacher Preparation Program Admission Requirements:		
Apply 3rd Year, 1st Semester		
1. Application to Teacher Prep Program via TK20		
2. GPA requirement of 2.8 cumulative		
3. Completion of Ed 321 and Sped 410 with grade C or above		
4. Completion of 12 sh in Content Area with no grade below C		
For EC-6: 3 sh Govt or Hist; 3 sh Eng (not 1301 or 1302); 3 sh Math;		
3 sh Science or other approved content courses		
5. THEA scores of Reading 240, Math 230, Reading 220		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact:

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF		
NAME:	CWID:	
MAJOR	HOURS EARNED REQD	
ENGL 1301 Composition I		
ENGL 1302 Composition II		
ENGL 2321 Survey of British Literature		
ENGL 2326 Survey of American Literature		
ENGL 2331 Survey of World Literature		
ENGL 2360 Intro to Literary Studies		
ENG 312 Shakespeare		
ENG 320 Understanding Grammar		
ENG 345 Advanced Composition for Educators		
ENG 424 History and Grammar of English		
ENG 442 Advanced American Literature		
ENG 445 Advanced World Literature		
ENG 472 Advanced British Literature		
ENG 491 Capstone		
ENG 305 Children's Literature I OR ENG 306 Young Adult Literature		
Reading:		
RDG 343 Reading Beyond Primary Grades		
RDG 350 Emergent Literacy Development		
RDG 352 Literacy Development in Upper Grades		
6 SCH from:		
ENG 430 Sense and Sensibilities: Images in Women's Lit		
ENG 450 Studies in Genre (may be repeated under a different genre)		
ENG 489 Individual Study		
ENG 497 Special Topics		
Professional Development:		
ITED 350 Tech for Instruct, Learning & Communication		
ED 311 Growth and Development		
ED 321 Foundations of Education		
ED 435 Curriculum		
SPED 410 Character of Diverse Learners		
Field-Based Semester:		
ED 331 Classroom Behavior and Management		
ED 495 Co-Teaching, Field Based Experience		
Student Teaching Semester:		
ED 496 Co-Teaching Practicum		
SPED 418 Research, Issues, and Trends in Education		
ELECTIVES (as needed to satisfy minimum degree requirements including 54 SCH of Upper Division Coursework)		
TOTAL HOURS FOR DEGREE: 121		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Dr. Jonne Akens, English Undergraduate Program Coordinator (903) 223-3024 jonne.akens@tamut.edu		Eff: Fall 2014
Page 2 3/1/2014		

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF: EDUCATION AND LIBERAL ARTS

BACHELOR OF SCIENCE: ENGLISH

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I (See Major)			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students) (See Major)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BiOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 1314 College Algebra			PHYS 1115 Physical Science I Lab		
MATH 1324 Math for Business & Social Sciences			PHYS 2125 University Physics I Lab		
MATH 1332 Contemporary Mathematics I			PHYS 2126 University Physics II Lab		
MATH 2412 Pre-Calculus			Note: Seminars Listed Below are 1 SCH		
MATH 2413 Calculus I			ENGL 1111 Popular Music as Literature		
Creative Arts (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
ARTS 1301 Art Appreciation			MCOM 1111 Film Appreciation		
DRAM 1310 Introduction to Theater			MCOM 1112 The Art of the Comic Book		
ENGL 2321 British Literature (See Major)			MCOM 1113 Communication in Today's Media Saturated World		
ENGL 2326 American Literature (See Major)			PHIL 1111 Ethics		
ENGL 2331 World Literature (See Major)			Any Course in FCA Not Counted Elsewhere		
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact:

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF SCIENCE IN HISTORY

NAME: _____ CWID: _____

MAJOR	HOURS	
	EARNED	REQD
HIST 1301 U. S. History I*		
HIST 1302 U. S. History II*		
HIST 2321 World Civilizations I*		
HIST 2322 World Civilizations II		
GEOG 1303 World Regional Geography		
HIST 460 Texas Culture		
9 SCH UD United States History from:		
HIST 328 Colonial & Revolutionary America		
HIST 416 Sex, Swords, and Sorcery: The Medieval World		
HIST 419 American Social & Intellectual Hist		
HIST 428 US in the 20th Century		
HIST 434 Civil War & Reconstruction		
6 SCH from UD European History from:		
HIST 310 Ancient World		
HIST 312 Medieval Civilization		
HIST 314 Renaissance & Reformation		
HIST 330 Hist of Nazi Germany		
HIST 352 Europe, 1920 to Present		
HIST 445 World of King Arthur & Robin Hood		
6 SCH World History from:		
HIST 450 Latin America: Colonial Era		
HIST 453 World History		
HIST 451 Modern Latin America		
HIST 454 Culture & History of Mexico		
Hist 470 20th Century Asia		
6 SCH UD History Electives		
Other Requirements:		
ITED 350 Tech form Instruct., Learning & Communication		
RDG 343 Reading Beyond the Primary Grades		
PROF. DEVELOPMENT		
ED 311 Growth and Development		
ED 321 Foundations of Education		
SPED 410 Character of Diverse Learners		
Field-Based Semester:		
ED 331** Classroom Behavior & Management		
ED 495** Co-Teaching Field Experience		
Student Teaching Semester:		
ED 496** Co-Teaching Practicum		
SPED 418** Research, Issues & Trends in Educ.		
Electives - To satisfy minimum degree requirement including 54 SCH of Upper Division Coursework		
OTHER REQUIREMENTS		
6 sch (Upper division electives from Biology, English, history, mathematics, political science, or sociology)		
Minimum grade of "C" required in all major courses and Professional Development Courses		
*Also satisfies the core curriculum		
TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Dr. Craig Nakashian, History Program Coordinator, Office UC 226, (903) 223-3136, craig.nakashian@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS

BACHELOR OF SCIENCE

MAJOR: HISTORY

CERTIFICATION: 4-8 SOCIAL STUDIES

NAME: _____

CWID: _____

GENERAL EDUCATION		HOURS EARNED REQD				HOURS EARNED REQD	
Communication (6 SCH)				Language, Philosophy, and Culture (3 SCH)			
ENGL 1301 Composition I				HIST 2321 World Civilizations I (See Major)			
SPCH 1315 Intro to Public Speaking				HIST 2322 World Civilizations II (See Major)			
Government/Political Science (6 SCH)				Component Area Option (6 SCH)			
GOVT 2301 Amer Govt I: Fed & TX Constitution (See Major)				ENGL 1302 Composition II (Mandatory of All Students)			
GOVT 2302 Amer Govt I: Fed & TX Pol Behavior (See Major)				3 SCH from any of the following:			
American History (6 SCH)				IS 1100 University Foundations (mandatory for FTIC students)			
HIST 1301: US History I (See Major)				ENGL 2340 Writing Across the Disciplines			
HIST 1301: US History I (See Major)				Note: Labs Listed Below are 1 SCH			
Life and Physical Sciences (6 SCH)				BIOL 1106 Biology for Science Majors I Lab			
BIOL 1306 Biology for Science Majors I				BIOL 1107 Biology for Science Majors II Lab			
BIOL 1307 Biology for Science Majors II				BIOL 1108 Biology for Non-Science Majors I Lab			
BIOL 1308 Biology for Non-Science Majors I				BIOL 1109 Biology for Non-Science Majors II Lab			
BIOL 1309 Biology for Non-Science Majors II				CHEM 1111 General Chemistry I Lab			
CHEM 1311 General Chemistry I				CHEM 1112 General Chemistry II Lab			
CHEM 1312 General Chemistry II				ENVR 1101 Environmental Science I Lab			
EE/CS 2301 Ethics in Technology				PHYS 1101 College Physics I Lab			
ENVR 1301 Environmental Science I				PHYS 1102 College Physics II Lab			
PHYS 1301 College Physics I				PHYS 1115 Physical Science I Lab			
PHYS 1302 College Physics II				PHYS 2125 University Physics I Lab			
PHYS 1315 Physical Science I				PHYS 2126 University Physics II Lab			
PHYS 2325 University Physics I				Note: Seminars Listed Below are 1 SCH			
PHYS 2326 University Physics II				ENGL 1111 Popular Music as Literature			
Mathematics (3 SCH)				HIST 1111 Cathedrals, Castles, and Monasteries			
MATH 1314 College Algebra				MCOM 1111 Film Appreciation			
MATH 1324 Math for Business & Social Sciences				MCOM 1112 The Art of the Comic Book			
MATH 1332 Contemporary Mathematics I				MCOM 1113 Communication in Today's Media Saturated World			
MATH 2412 Pre-Calculus				PHIL 1111 Ethics			
MATH 2413 Calculus I				Any Course in FCA Not Counted Elsewhere			
Creative Arts (3 SCH)				Teacher Preparation Program Admission Requirements:			
ARTS 1301 Art Appreciation				Apply 3rd Year, 1st Semester			
DRAM 1310 Introduction to Theater				1. Application to Teacher Prep Program via TK20			
ENGL 2321 British Literature				2. GPA requirement of 2.8 cumulative			
ENGL 2326 American Literature				3. Completion of Ed 321 and Sped 410 with grade C or above			
ENGL 2331 World Literature				4. Completion of 12 sh in Content Area with no grade below C			
MUSI 1306 Music Appreciation				For EC-6: 3 sh Govt or Hist; 3 sh Eng (not 1301 or 1302); 3 sh Math;			
Social and Behavioral Sciences (3 SCH)				3 sh Science or other approved content courses			
ECON 2301 Prin of Macroeconomics (See Major)				5. THEA scores of Reading 240, Math 230, Reading 220			

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF SCIENCE IN HISTORY 4-8 Social Studies		
NAME:	CWID:	
MAJOR	HOURS EARNED REQD	
ECON 2301 Principles of Microeconomics*		
GEOG 1303 World Regional Geography		
GOVT 2301 Amer Govt. I: Fed & TX Constitution*		
GOVT 2302 Amer GOVT II: Fed & TX Pol Behavior*		
HIST 1301 US History I*		
HIST 1302 US History II*		
HIST 2321 World Civilizations I (Language, Philosophy, Culture option)*		
HIST 2322 World Civilizations II (Language, Philosophy, Culture option)*		
HIST 460 Cultural History of Texas		
6 SCH UD Political Science Electives		
9 SCH Upper-division United States History from:		
HIST 328 Colonial and Revolutionary America		
HIST 416 Sex, Swords, and Sorcery: The Medieval World in Film		
HIST 428 US in the 20th Century		
HIST 434 Civil War and Reconstruction		
HIST 419 American Social & Intellectual History		
6 SCH Upper-division European History from:		
HIST 310 The Ancient World		
HIST 311 Augustus to Charlemagne: Europe in the First Millenium		
HIST 312 Medieval Civilization		
HIST 314 Renaissance and Reformation		
HIST 330 History of Nazi Germany		
HIST 352 Europe, 1920 to the Present		
HIST 445 The World of King Arthur and Robin Hood		
6 SCH Upper-division World History from:		
HIST 450 Latin America: Colonial Era		
HIST 451 Modern Latin America		
HIST 453 Voices of the Conquest		
HIST 454 Culture and History of Mexico		
HIST 470 Modern Asia		
OTHER REQUIREMENTS		
ITED 350 Technologies for Instruction, Learning & Communication		
MATH 1350 Fundamentals of Math I		
MATH 1351 Fundamentals of Math II		
PHYS 1415 Physical Science I (4 SCH)		
RDG 343 Reading Beyond Primary Grades		
RDG 350 Emergent Literacy Development		
SPED 410 Characteristics of Diverse Learners		
Professional Development		
ED 311 Human Growth and Development		
ED 321 Foundations of Education		
Field-Based Semester		
ED 331** Classroom & Behavior Management		
ED 495** Co-Teaching Field Experience		
Student Teaching Semester		
ED 496** Co-Teaching Practicum		
SPED 418** Research, Issues, and Trends in Education		
* Also satisfies core curriculum		
**Requires Admission to Teacher Prep Prog		
TOTAL HOURS FOR DEGREE: 121		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
Minimum grade of "C" required in all major courses.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Dr. Craig Nakashian, History Program Coordinator, Office UC 226, (903) 223-3136, craig.nakashian@tamut.edu		
Page 2 3/1/2014		
Eff: Fall 2014		

Degree: BACHELOR OF SCIENCE IN HISTORY 7-12 SOCIAL STUDIES

NAME: _____ CWID: _____

MAJOR	HOURS	
	Earned	REQD
GOVT 2301 Amer. Govt I: Fed & TX Const. *		
GOVT 2302 Amer. Govt II: Feb & TX Pol Behav. *		
ECON 2301 Principles of Macroeconomics*		
ECON 2302 Principles of Microeconomics		
HIST 2321 World Civilizations I*		
HIST 2322 World Civilizations II*		
GEOG 1303 World Regional Geography		
HIST 460 Texas Culture		
6 sh UD Political Science Electives		
9 SCH UD United States History from:		
HIST 328 Colonial & Revolutionary America		
HIST 416 Sex, Swords, and Sorcery: The Medieval World in Film		
HIST 419 American Social & Intellectual History		
HIST 428 US in the 20th Century		
HIST 434 Civil War & Reconstruction		
6 SCH from UD European History from:		
HIST 310 Ancient World		
HIST 312 Medieval Civilization		
HIST 314 Renaissance & Reformation		
HIST 330 Hist of Nazi Germany		
HIST 352 Europe, 1920 to Present		
HIST 445 World of King Arthur & Robin Hood		
6 SCH World History from:		
HIST 450 Latin America: Colonial Era		
HIST 453 Voices of the Conquest		
HIST 451 Modern Latin America		
HIST 454 Culture & History of Mexico		
HIST 470 20th Century Asia		
Other Requirements:		
ITED 350 Tech for Instruct., Learning & Comm.		
RDG 343 Reading Beyond Primary Grades		
PROF. DEVELOPMENT		
ED 311 Growth and Development		
ED 321 Foundations of Education		
SPED 410 Character of Diverse Learners		
Field-Based Semester:		
ED 331** Classroom Behavior & Management		
ED 495** Co-Teaching Field Experience		
Student Teaching Semester:		
ED 496** Co-Teaching Practicum		
SPED 418** Research, Trends, & Issues in Educ.		
* Also satisfies core curriculum		
**Requires Admission to Teacher Prep Prog		
ELECTIVES (as needed to satisfy minimum degree requirements and 54 SCH of Upper Division Coursework)		
All courses in Major must be completed with grade of "C" or above.		
TOTAL HOURS FOR DEGREE: 120		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Dr. Craig Nakashian (craig.nakahian@tamut.edu); Dr. Laird (william,laird@tamut.edu)		
Page 2 3/1/2014		Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS

BACHELOR OF SCIENCE

MAJOR: HISTORY

NAME:

CWID:

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilization I (See Major)		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilization II (See Major)		
Government/Political Science (6 SCH)			Component Area Option (6 SCH)		
GOVT 2301 Amer Govt I: Fed & TX Constitution			ENGL 1302 Composition II (Mandatory of All Students)		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			3 SCH from any of the following:		
American History (6 SCH)			IS 1100 University Foundations (mandatory for FTIC students)		
HIST 1301 US History I (See Major)			ENGL 2340 Writing Across the Disciplines		
HIST 1302 US History II (See Major)			Note: Labs Listed Below are 1 SCH		
Life and Physical Sciences (6 SCH)			BIOL 1106 Biology for Science Majors I Lab		
BIOL 1306 Biology for Science Majors I			BIOL 1107 Biology for Science Majors II Lab		
BIOL 1307 Biology for Science Majors II			BIOL 1108 Biology for Non-Science Majors I Lab		
BIOL 1308 Biology for Non-Science Majors I			BIOL 1109 Biology for Non-Science Majors II Lab		
BIOL 1309 Biology for Non-Science Majors II			CHEM 1111 General Chemistry I Lab		
CHEM 1311 General Chemistry I			CHEM 1112 General Chemistry II Lab		
CHEM 1312 General Chemistry II			ENVR 1101 Environmental Science I Lab		
EE/CS 2301 Ethics in Technology			PHYS 1101 College Physics I Lab		
ENVR 1301 Environmental Science I			PHYS 1102 College Physics II Lab		
PHYS 1301 College Physics I			PHYS 1115 Physical Science I Lab		
PHYS 1302 College Physics II			PHYS 2125 University Physics I Lab		
PHYS 1315 Physical Science I			PHYS 2126 University Physics II Lab		
PHYS 2325 University Physics I			Note: Seminars Listed Below are 1 SCH		
PHYS 2326 University Physics II			ENGL 1111 Popular Music as Literature		
Mathematics (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
MATH 1314 College Algebra			MCOM 1111 Film Appreciation		
MATH 1324 Math for Business & Social Sciences			MCOM 1112 The Art of the Comic Book		
MATH 1332 Contemporary Mathematics I			MCOM 1113 Communication in Today's Media Saturated World		
MATH 2412 Pre-Calculus			PHIL 1111 Ethics		
MATH 2413 Calculus I			Any Course in FCA Not Counted Elsewhere		
Creative Arts (3 SCH)					
ARTS 1301 Art Appreciation					
DRAM 1310 Introduction to Theater					
ENGL 2321 British Literature					
ENGL 2326 American Literature					
ENGL 2331 World Literature					
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS

BACHELOR OF SCIENCE

MAJOR: MASS COMMUNICATION

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking (See Major)			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BIOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 1314 College Algebra			PHYS 1115 Physical Science I Lab		
MATH 1324 Math for Business & Social Sciences			PHYS 2125 University Physics I Lab		
MATH 1332 Contemporary Mathematics I			PHYS 2126 University Physics II Lab		
MATH 2412 Pre-Calculus			Note: Seminars Listed Below are 1 SCH		
MATH 2413 Calculus I			ENGL 1111 Popular Music as Literature		
Creative Arts (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
ARTS 1301 Art Appreciation			MCOM 1111 Film Appreciation		
DRAM 1310 Introduction to Theater			MCOM 1112 The Art of the Comic Book		
ENGL 2321 British Literature			MCOM 1113 Communication in Today's Media Saturated World		
ENGL 2326 American Literature			PHIL 1111 Ethics		
ENGL 2331 World Literature			Any Course in FCA Not Counted Elsewhere		
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

Note: A minimum of 45 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS, NURSING

BACHELOR OF SCIENCE

MAJOR: MATHEMATICS CERTIFICATION: 4-8 Math

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	<i>Language, Philosophy, and Culture (3 SCH)</i>	HOURS EARNED	REQD
Communication (6 SCH)			HIST 2321 World Civilizations I		
ENGL 1301 Composition I			HIST 2322 World Civilizations II		
SPCH 1315 Intro to Public Speaking			MCOM 2370 Introduction to Am. Film History		
Government/Political Science (6 SCH)			PHIL 1301 Introduction to Philosophy		
GOVT 2301 Amer Govt I: Fed & TX Constitution			SPAN 1311 Beginning Spanish I		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1312 Beginning Spanish II		
American History (6 SCH)			SPAN 2311 Intermediate Spanish I		
HIST 1301 U.S. History I			SPAN 2312 Intermediate Spanish II		
HIST 1302 U.S. History II			Component Area Option (6 SCH)		
Life and Physical Sciences (6 SCH)			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1306 Biology for Science Majors I			3 SCH from any of the following:		
BIOL 1307 Biology for Science Majors II			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1308 Biology for Non-Science Majors I			ENGL 2340 Writing Across the Disciplines		
BIOL 1309 Biology for Non-Science Majors II			Note: Labs Listed Below are 1 SCH		
CHEM 1311 General Chemistry I			BIOL 1106 Biology for Science Majors I Lab		
CHEM 1312 General Chemistry II			BIOL 1107 Biology for Science Majors II Lab		
EE/CS 2301 Ethics in Technology			BIOL 1108 Biology for Non-Science Majors I Lab		
ENVR 1301 Environmental Science I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1301 College Physics I			CHEM 1111 General Chemistry I Lab		
PHYS 1302 College Physics II			CHEM 1112 General Chemistry II Lab		
PHYS 1315 Physical Science I			ENVR 1101 Environmental Science I Lab		
PHYS 2325 University Physics I			PHYS 1101 College Physics I Lab		
PHYS 2326 University Physics II			PHYS 1102 College Physics II Lab		
Mathematics (3 SCH)			PHYS 1115 Physical Science I Lab (See Other Requirements)		
MATH 2412 Pre-Calculus (See Major)			PHYS 2125 University Physics I Lab		
Creative Arts (3 SCH)			PHYS 2126 University Physics II Lab		
ARTS 1301 Art Appreciation			Note: Seminars Listed Below are 1 SCH		
DRAM 1310 Introduction to Theater			ENGL 1111 Popular Music as Literature		
ENGL 2321 British Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2326 American Literature			MCOM 1111 Film Appreciation		
ENGL 2331 World Literature			MCOM 1112 The Art of the Comic Book		
MUSI 1306 Music Appreciation			MCOM 1113 Communication in Today's Media Saturated World		
Social and Behavioral Sciences (3 SCH)			PHIL 1111 Ethics		
BUSI 1301 Introduction to Business			Any Course in FCA Not Counted Elsewhere		
CJ 1301 Introduction to Criminal Justice			Teacher Preparation Program Admission Requirements:		
ECON 2301 Prin of Macroeconomics			Apply 3rd Year, 1st Semester		
ECON 2302 Principles of Microeconomics			1. Application to Teacher Prep Program via TK20		
PSYC 2301 General Psychology			2. GPA requirement of 2.8 cumulative		
SOCI 1301 Introduction to Sociology			3. Completion of Ed 321 and Sped 410 with grade C or above		
			4. Completion of 12 sh in Content Area with no grade below C		
			For EC-6: 3 sh Govt or Hist; 3 sh Eng (not 1301 or 1302); 3 sh Math;		
			3 sh Science or other approved content courses		
			5. THEA scores of Reading 240, Math 230, Reading 220		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF SCIENCE IN MATHEMATICS 4-8

NAME: _____ CWID: _____

MAJOR:	HOURS	
	Earned	REQD
MATH 2412 Pre-Calculus (4 SCH) (from Gen Ed)		
or		
MATH 1314 College Algebra and MATH 1316 Plane Trigonometry		
MATH 2305 Discrete Mathematics		
MATH 2318 Linear Algebra		
MATH 2413 Calculus I (4 SCH)		
MATH 2414 Calculus II (4 SCH)		
MATH 2415 Calculus III (4 SCH)		
MATH 321 College Geometry		
MATH 334 Introduction to Abstract Algebra		
MATH 352 Mathematical Foundations and Applications		
MATH 357 Probability & Statistics		
MATH 426 Problem Solving		
MATH 430 Mathematical Modeling		
MATH 437 Number Theory		
MATH 493 Capstone in Mathematics		
Other Requirements:		
ITED 350 Technology for Instruction, Learning & Communication		
PHYS 1415 Physical Science (4SCH) (Note: Lab will Count on Core Component Area Option)		
RDG 343 Reading Beyond Primary Grades		
RDG 350 Emergent Literacy Development		
PROF. DEVELOPMENT		
ED 311 Growth and Development for Early Childhood to Grade 12		
ED 321 Foundations of Education		
ED 435** Curriculum		
SPED 410 Characteristics of Diverse Learners		
Field-Based Semester:		
ED 331** Classroom & Behavior Management		
ED 495** Co-Teaching Field Experience		
Student Teaching Semester:		
ED 496** Co-Teaching Practicum		
SPED 418** Research, Trends, & Issues in Education		
**Requires Admission to Teacher Prep Prog		
Minimum grade of "C" required in all Major and Professional Development courses		
ELECTIVES (as needed to satisfy minimum degree requirements including 54 SCH Upper Division Coursework)		
TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.**Contact: Mr. Sinquefield (chris.sinquefield@tamut.edu); Dr. Laird (william.laird@tamut.edu); Ms. Johnson (bonnie.johnson@tamut.edu)**

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS, NURSING

BACHELOR OF SCIENCE

MAJOR: MATHEMATICS CERTIFICATION: 7-12 Math

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BIOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 2412 Pre-Calculus (See Major)			PHYS 1115 Physical Science I Lab		
Creative Arts (3 SCH)			PHYS 2125 University Physics I Lab		
ARTS 1301 Art Appreciation			PHYS 2126 University Physics II Lab		
DRAM 1310 Introduction to Theater			Note: Seminars Listed Below are 1 SCH		
ENGL 2321 British Literature			ENGL 1111 Popular Music as Literature		
ENGL 2326 American Literature			HIST 1111 Cathedrals, Castles, and Monasteries		
ENGL 2331 World Literature			MCOM 1111 Film Appreciation		
MUSI 1306 Music Appreciation			MCOM 1112 The Art of the Comic Book		
Social and Behavioral Sciences (3 SCH)			MCOM 1113 Communication in Today's Media Saturated World		
BUSI 1301 Introduction to Business			PHIL 1111 Ethics		
CJ 1301 Introduction to Criminal Justice			Any Course in FCA Not Counted Elsewhere		
ECON 2301 Prin of Macroeconomics			Apply 3rd Year, 1st Semester		
ECON 2302 Principles of Microeconomics			1. Application to Teacher Prep Program via TK20		
PSYC 2301 General Psychology			2. GPA requirement of 2.8 cumulative		
SOCI 1301 Introduction to Sociology			3. Completion of Ed 321 and Sped 410 with grade C or above		
			4. Completion of 12 sh in Content Area with no grade below C		
			For EC-6: 3 sh Govt or Hist; 3 sh Eng (not 1301 or 1302); 3 sh Math;		
			3 sh Science or other approved content courses		
			5. THEA scores of Reading 240, Math 230, Reading 220		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF SCIENCE IN MATHEMATICS 7-12

NAME: _____ CWID: _____

MAJOR	HOURS	
	Earned	REQD
MATH 2412 Pre-Calculus (4 SCH)*		
or		
MATH 1314 College Algebra and MATH 1316 Plane Trigonometry		
MATH 2305 Discrete Mathematics		
MATH 2318 Linear Algebra		
MATH 2413 Calculus I (4 SCH)		
MATH 2414 Calculus II (4 SCH)		
MATH 2415 Calculus III (4 SCH)		
MATH 321 College Geometry		
MATH 334 Introduction to Abstract Algebra		
MATH 352 Mathematical Foundations & Applications		
MATH 357 Probability & Statistics		
MATH 426 Problem Solving		
MATH 430 Mathematical Modeling		
MATH 437 Number Theory		
MATH 493 Capstone in Mathematics		
Other Requirements:		
ITED 350 Technology for Instruction, Learning & Communication		
RDG 343 Reading Beyond Primary Grades		
PROF. DEVELOPMENT		
ED 311 Growth and Development for Early Childhood to Grade 12		
ED 321 Foundations of Education		
ED 435** Curriculum		
SPED 410 Character of Diverse Learners		
Field-Based Semester:		
ED 331** Classroom Behavior & Management		
ED 495** Co-Teaching Field Experience		
Student Teaching Semester:		
ED 496** Co-Teaching Practicum		
SPED 418** Research, Trends, & Issues in Educ.		
* Also satisfies core curriculum		
**Requires Admission to Teacher Prep Prog		
Minimum grade of "C" required in all Major and Professional Development Courses		
ELECTIVES (as needed to satisfy minimum degree requirements including 54 SCH in Upper Division coursework)		
TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Mr. Sinquefield (chris.sinquefield@tamut.edu); Dr. Laird (william.laird@tamut.edu); Ms. Johnson (bonnie.johnson@tamut.edu)

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS

BACHELOR OF SCIENCE

MAJOR: POLITICAL SCIENCE

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Am Govt I: Fed & TX Constitution (See Major)			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Am Govt II: Fed & TX Pol Behavior (See Major)			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BIOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 1314 College Algebra			PHYS 1115 Physical Science I Lab		
MATH 1324 Math for Business & Social Sciences			PHYS 2125 University Physics I Lab		
MATH 1332 Contemporary Mathematics I			PHYS 2126 University Physics II Lab		
MATH 2412 Pre-Calculus			Note: Seminars Listed Below are 1 SCH		
MATH 2413 Calculus I			ENGL 1111 Popular Music as Literature		
Creative Arts (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
ARTS 1301 Art Appreciation			MCOM 1111 Film Appreciation		
DRAM 1310 Introduction to Theater			MCOM 1112 The Art of the Comic Book		
ENGL 2321 British Literature			MCOM 1113 Communication in Today's Media Saturated World		
ENGL 2326 American Literature			PHIL 1111 Ethics		
ENGL 2331 World Literature			Any Course in FCA Not Counted Elsewhere		
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS

BACHELOR OF SCIENCE IN PSYCHOLOGY

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
Note: Psychology Majors are encouraged to take Life Sciences			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1306 Biology for Science Majors I			3 SCH from any of the following:		
BIOL 1307 Biology for Science Majors II			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1308 Biology for Non-Science Majors I			ENGL 2340 Writing Across the Disciplines		
BIOL 1309 Biology for Non-Science Majors II			Note: Labs Listed Below are 1 SCH		
Mathematics (3 SCH)			BIOL 1106 Biology for Science Majors I Lab		
MATH 1314 College Algebra			BIOL 1107 Biology for Science Majors II Lab		
MATH 1324 Math for Business & Social Sciences			BIOL 1108 Biology for Non-Science Majors I Lab		
MATH 1332 Contemporary Mathematics I			BIOL 1109 Biology for Non-Science Majors II Lab		
MATH 2412 Pre-Calculus			CHEM 1111 General Chemistry I Lab		
MATH 2413 Calculus I			CHEM 1112 General Chemistry II Lab		
Creative Arts (3 SCH)			ENVR 1101 Environmental Science I Lab		
ARTS 1301 Art Appreciation			PHYS 1101 College Physics I Lab		
DRAM 1310 Introduction to Theater			PHYS 1102 College Physics II Lab		
ENGL 2321 British Literature			PHYS 1115 Physical Science I Lab		
ENGL 2326 American Literature			PHYS 2125 University Physics I Lab		
ENGL 2331 World Literature			PHYS 2126 University Physics II Lab		
MUSI 1306 Music Appreciation			Note: Seminars Listed Below are 1 SCH		
Social and Behavioral Sciences (3 SCH)			ENGL 1111 Popular Music as Literature		
PSYC 2301 General Psychology (See Major)			HIST 1111 Cathedrals, Castles, and Monasteries		
			MCOM 1111 Film Appreciation		
			MCOM 1112 The Art of the Comic Book		
			MCOM 1113 Communication in Today's Media Saturated World		
			PHIL 1111 Ethics		
			Any Course in FCA Not Counted Elsewhere		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS

BACHELOR OF SCIENCE IN SOCIOLOGY

MAJOR: SOCIOLOGY

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BIOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 1314 College Algebra			PHYS 1115 Physical Science I Lab		
MATH 1324 Math for Business & Social Sciences			PHYS 2125 University Physics I Lab		
MATH 1332 Contemporary Mathematics I			PHYS 2126 University Physics II Lab		
MATH 2412 Pre-Calculus			Note: Seminars Listed Below are 1 SCH		
MATH 2413 Calculus I			ENGL 1111 Popular Music as Literature		
Creative Arts (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
ARTS 1301 Art Appreciation			MCOM 1111 Film Appreciation		
DRAM 1310 Introduction to Theater			MCOM 1112 The Art of the Comic Book		
ENGL 2321 British Literature			MCOM 1113 Communication in Today's Media Saturated World		
ENGL 2326 American Literature			PHIL 1111 Ethics		
ENGL 2331 World Literature			Any Course in FCA Not Counted Elsewhere		
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
SOCI 1301 Introduction to Sociology (See Major)					

Note: A minimum of 45 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA

COLLEGE OF EDUCATION AND LIBERAL ARTS BACHELOR OF SCIENCE IN CRIMINAL JUSTICE MAJOR: CRIMINAL JUSTICE

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD		HOURS EARNED	REQD
Communication (6 SCH)			Language, Philosophy, and Culture (3 SCH)		
ENGL 1301 Composition I			HIST 2321 World Civilizations I		
SPCH 1315 Intro to Public Speaking			HIST 2322 World Civilizations II		
Government/Political Science (6 SCH)			MCOM 2370 Introduction to Am. Film History		
GOVT 2301 Amer Govt I: Fed & TX Constitution			PHIL 1301 Introduction to Philosophy		
GOVT 2302 Amer Govt II: Fed & TX Pol Behavior			SPAN 1311 Beginning Spanish I		
American History (6 SCH)			SPAN 1312 Beginning Spanish II		
HIST 1301 U.S. History I			SPAN 2311 Intermediate Spanish I		
HIST 1302 U.S. History II			SPAN 2312 Intermediate Spanish II		
Life and Physical Sciences (6 SCH)			Component Area Option (6 SCH)		
BIOL 1306 Biology for Science Majors I			ENGL 1302 Composition II (Mandatory of All Students)		
BIOL 1307 Biology for Science Majors II			3 SCH from any of the following:		
BIOL 1308 Biology for Non-Science Majors I			IS 1100 University Foundations (mandatory for FTIC students)		
BIOL 1309 Biology for Non-Science Majors II			ENGL 2340 Writing Across the Disciplines		
CHEM 1311 General Chemistry I			Note: Labs Listed Below are 1 SCH		
CHEM 1312 General Chemistry II			BIOL 1106 Biology for Science Majors I Lab		
EE/CS 2301 Ethics in Technology			BIOL 1107 Biology for Science Majors II Lab		
ENVR 1301 Environmental Science I			BIOL 1108 Biology for Non-Science Majors I Lab		
PHYS 1301 College Physics I			BIOL 1109 Biology for Non-Science Majors II Lab		
PHYS 1302 College Physics II			CHEM 1111 General Chemistry I Lab		
PHYS 1315 Physical Science I			CHEM 1112 General Chemistry II Lab		
PHYS 2325 University Physics I			ENVR 1101 Environmental Science I Lab		
PHYS 2326 University Physics II			PHYS 1101 College Physics I Lab		
Mathematics (3 SCH)			PHYS 1102 College Physics II Lab		
MATH 1314 College Algebra			PHYS 1115 Physical Science I Lab		
MATH 1324 Math for Business & Social Sciences			PHYS 2125 University Physics I Lab		
MATH 1332 Contemporary Mathematics I			PHYS 2126 University Physics II Lab		
MATH 2412 Pre-Calculus			Note: Seminars Listed Below are 1 SCH		
MATH 2413 Calculus I			ENGL 1111 Popular Music as Literature		
Creative Arts (3 SCH)			HIST 1111 Cathedrals, Castles, and Monasteries		
ARTS 1301 Art Appreciation			MCOM 1111 Film Appreciation		
DRAM 1310 Introduction to Theater			MCOM 1112 The Art of the Comic Book		
ENGL 2321 British Literature			MCOM 1113 Communication in Today's Media Saturated World		
ENGL 2326 American Literature			PHIL 1111 Ethics		
ENGL 2331 World Literature			Any Course in FCA Not Counted Elsewhere		
MUSI 1306 Music Appreciation					
Social and Behavioral Sciences (3 SCH)					
BUSI 1301 Introduction to Business					
CJ 1301 Introduction to Criminal Justice					
ECON 2301 Prin of Macroeconomics					
ECON 2302 Principles of Microeconomics					
PSYC 2301 General Psychology					
SOCI 1301 Introduction to Sociology					

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

3/1/2014

Eff: Fall 2014

Degree: BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES EC-6 GENERALIST BILINGUAL		
NAME:	CWID:	
MAJOR:	Earned	REQD
ART 369 Principles & Elements of Art		
ENG 305 Children's Literature I		
ENG 345 Advanced Composition for Educators		
HIST 460 Cultural History of Texas		
HIST 2321 or 2322 World Civilization* (from Gen. Ed.)		
MATH 1350 Fundamentals of Math I (Math 1314 prerequisite)		
MATH 1351 Fundamentals of Math II		
MATH 326 Problem Solving for Elementary Teachers		
RDG 350 Emergent Literacy		
RDG 352** Literacy Develop. for Upper Grades		
RDG 354** Assessment Driven Instruction		
BILINGUAL REQUIREMENTS		
BE 400 Foundations of Bilingual Education		
BE 420 Bilingual Target Proficiency		
BE 472 Bilingual & Dual Lang. Methodologies		
BE 474 Biliteracy for Dual & Bilingual Classrooms		
BE 476 Content Area Instruct. For Bilingual Prog.		
OTHER: EC-6 GENERALIST		
PHYS 1315 Physical Science I		
PHYS 1115 Physical Science I lab (1sh)* (from Gen. Ed.)		
BIOL 1308 Biology for Non-Science Majors I* (from Gen. Ed.)		
BIOL 1108 Biology for Non-Science Majors I Lab*(from Gen. Ed.)		
BIOL 1309 Biology for Non-Science Majors II* (from Gen. Ed.)		
BIOL 1109 Biology for Non-Science Majors II Lab* (from Gen. Ed.)		
MATH 1314 College Algebra* (from Gen. Ed.)		
ECE 401 History & Foundations of Early Childhood		
6 sh from		
EDUC 1301 Introduction to Teaching Professions		
EDUC 2301 Introduction to Special Populations		
ED 403 Elementary Curriculum		
ENG 320 Understanding Grammar		
SPED 415 Student w/Mod to Sev Disabilities		
PROF. DEVELOPMENT in EC-6 Generalist Bilingual		
ED 311 Growth and Development		
ED 321 Foundations of Education		
SPED 410 Characteristics of Diverse Learners		
ED 486** Methods of Tch EC-6 Math, Sci, & PE		
ED 487** Methods of Tch EC-6 Soc Stu, Lang Arts		
Field-Based Semester:		
SPED 417** Assessment for Student Achievement		
ED 495** Co-Teaching Field Experience		
Clinical Teaching Semester:		
ED 496** Co-Teaching Practicum		
*Satisfies Core Curriculum		
**Requires Admission to Teacher Prep Prog		
Minimum grade of "C" required in all Major and Professional Development Courses		
ELECTIVES (as needed to meet minimum degree requirements)		
TOTAL HOURS FOR DEGREE: 129		
Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.		
This worksheet is not a degree plan and should be used for informational purposes only.		
Contact: Ms. Hopkins (debbie.hopkins@tamut.edu); Ms. Langford (sara.langford@tamut.edu); Ms. Johnson (bonnie.johnson@tamut.edu)		
Page 2 3/1/2014		
Eff: Fall 2014		

Degree: BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES EC-6

NAME: _____ CWID: _____

MAJOR	HOURS	
	Earned	REQD
Art 369 Principles & Elements of Art		
Eng 305 Children's Literature I		
Eng 345 Advanced Comp for Educators		
Hist 460 Cultural History of Texas		
Hist 2321 or 2322 World Civilization*		
Math 1350 Fundamentals of Math I (Math 1314 prereq)		
Math 1351 Fundamentals of Math II		
Math 326 Problem Solving for Elementary Teachers		
Rdg 350 Emergent Literacy		
Rdg 352** Literacy Develop. for Upper Grades		
Rdg 354** Assessment Driven Instruction		
OTHER: EC-6 GENERALIST		
Phys 1315 Physical Science I		
Phys 1115 Phys Science I lab (1sh)*		
Biol 1308 Biology for Non-Science Majors I*		
Biol 1108 Biology for Non-Science Majors I Lab*		
Biol 1309 Biology for Non-Science Majors II*		
Biol 1109 Biology for Non-Science Majors II Lab*		
Math 1314 College Algebra		
ECE 401 Hist & Found. Of Early Childhood		
ITED 350 Tech. for Instr. Learning & Comm.		
6 sh from:		
EDUC 1301 Intro to Teaching Prof		
EDUC 2301 Intro. To Special Populations		
ED 403 Elementary Curriculum		
ESL 472 Inst. For English Lang. Learners		
Eng 320 Understanding Grammar		
SPED 415 Student w/Mod to Sev Disabilities		
ESL 400 Foundations of ESL Education		
PROF. DEVELOPMENT in EC-6 Generalist		
ED 311 Growth and Development		
ED 321 Foundations of Education		
SPED 410 ** Character of Diverse Learners		
ED 486** Methods of Tch EC-6 Math, Sci, & PE		
SPED 417** Assessment for Student Achievement		
ED 487** Methods of Tch EC-6 Soc Stu, Lang Arts		
Field-Based Semester:		
ED 331** Classroom Behavior & Management		
ED 495** Co-Teaching Field Experience		
Student Teaching Semester:		
SPED 418** Research, Trends, & Issues in Educ.		
ED 496** Co-Teaching Practicum		
*Satisfies the Core Curriculum		
**Requires Admission to Teacher Prep Prog		
Minimum grade of "C" required in all Major and Professional Development Courses		
ELECTIVES (as needed to meet minimum degree requirements)		
TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.**Contact: Ms. Hopkins (debbie.hopkins@tamut.edu); Ms. Langford (sara.langford@tamut.edu); Ms. Johnson (bonnie.johnson@tamut.edu)**

Degree: BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES EC-6 GENERALIST SPECIAL EDUCATION

NAME: _____ CWID: _____

MAJOR	HOURS	
	Earned	REQD
ART 369 Principles & Elements of Art		
ENG 305 Children's Literature I		
ENG 345 Advanced Comp for Educators		
HIST 460 Cultural History of Texas		
HIST 2321 or 2322 World Civilization*		
MATH 1350 Fundamentals of Math I (Math 1314 prereq)		
MATH 1351 Fundamentals of Math II		
MATH 326 Problem Solving for Elementary Teachers		
RDG 350 Emergent Literacy		
RDG 352** Literacy Develop. for Upper Grades		
RDG 354** Assessment Driven Instruction		
OTHER: EC-6 GENERALIST		
PHYS 1315 Physical Science I		
PHYS 1115 Phys Science I lab (1sh)*		
BIOL 1308 Biology for Non-Science Majors I*		
BIOL 1108 Biology for Non-Science Majors I Lab*		
BIOL 1309 Biology for Non-Science Majors II*		
BIOL1109 Biology for Non-Science Majors II Lab*		
MATH 1314 College Algebra*		
ECE 401 Hist & Found. Of Early Childhood		
ITED 350 Tech. for Instr. Learning & Comm.		
6 sh from		
EDUC 1301 Intro to Teaching Prof		
EDUC 2301 Intro. To Special Populations		
ED 403 Elementary Curriculum		
ESL 472 Inst. For English Lang. Learners		
ENG 320 Understanding Grammar		
SPED 415 Student w/Mod to Sev Disabilities		
ESL 400 Foundations of ESL Education		
PROF. DEVELOPMENT in EC-6 SPECIAL EDUCATION		
ED 311 Growth and Development		
ED 321 Foundations of Education		
SPED 410 Character of Diverse Learners		
ED 486** Methods of Tch EC-6 Math, Sci, & PE		
SPED 417** Assessment for Student Achievement		
ED 487** Methods of Tch EC-6 Soc Stu, Lang Arts		
Field-Based Semester:		
ED 331** Classroom Behavior & Management		
ED 495 Co-Teaching Field Experience		
Clinical Teaching Semester:		
SPED 418** Research, Trends, & Issues in Educ.		
SPED 496** Co-Teaching: Practicum with Sped Rotation		
*Satisfies Core Curriculum		
**Requires Admission to Teacher Prep Prog		
Minimum grade of "C" required in all Major and Professional Development Courses		
ELECTIVES (as needed to meet minimum degree requirements)		
TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 upper division hours are required for this degree. Resident credit totaling 25% of the hours is required for the degree.

This worksheet is not a degree plan and should be used for informational purposes only.

Liberal-Arts Minors

Criminal Justice (18 SCH)

(Must complete at least 3SCH from each area)

Area I

CJ	320	Deviance and Deviant Behavior
CJ	325	Crime and Delinquency
CJ	480	Criminological Theories

Area II

CJ	315	Law and Society
CJ	340	Criminal Law and Procedure
CJ	430	Rights of Accused and Convicted Offenders
CJ	485	Seminar in Criminal Justice

Area III

CJ	310	The Juvenile-Justice System
CJ	330	Institutional Corrections, Theory, and Practice
CJ	360	Probation, Parole, and Community Corrections
CJ	380	Ethnic and Cultural Minorities

Drama (18 SCH)

DRAM	1310	Introduction to Theatre
DRAM	1351	Acting I
DRAM	310	Theatre History I
DRAM	311	Theatre History II
DRAM	335	Playwriting I
DRAM	450	Studies in Genre--Drama

English (18 SCH)

ENGL	1301	Composition I (from Core Curriculum)
ENGL	1302	Composition II (from Core Curriculum)
3	SCH	Literature (from Core Curriculum)
ENGL	2326	Survey of American Literature
or		
ENGL	2331	Survey of British Literature
3	SCH	Upper-Division Approved English Elective
ENG	442	Advanced American Literature
or		
ENG	472	Advanced British Literature
or		
ENG	445	Advanced World Literature

History (18 SCH)

HIST	1301	U.S. History I (from Core Curriculum)
HIST	1302	U.S. History II (from Core Curriculum)
12	SCH	Upper-division History electives

Interdisciplinary Studies (18 SCH)

(18 SCH from at least two fields)

9	SCH	Lower-division courses outside major
9	SCH	Upper-division courses outside major

International Studies (18 SCH)

6 SCH of college-level foreign language		
Interdisciplinary Course Requirements (12 SCH from the list below):		
ENG	450	Studies in Genre (International Literature only)
ENG	472	Advanced Survey of British Literature II
HIST	451	Modern Latin America
HIST	454	The Culture and History of Mexico
HIST	352	Europe, 1920-Present
HIST	470	20th Century Asia
PSCI	340	Introduction to Comparative Politics
PSCI	341	European Politics
PSCI	344	Russian and Eastern-European Politics

PSCI	350	Introduction to International Relations
SOC	385	Globalization and Social Change
SOC	485	Religion and Society

Any foreign-language class of 3 SCH with an international travel component, in addition to the 6 SCH foreign-language requirement

2/1/13 LD: Lower-division

UD: Upper-division Eff. Fall 2013

Leadership (18 SCH)

Lead 305	Introduction to Leadership: Concepts and Practices
Lead 310	Leadership Theory and Practice
Lead 400	Leadership and Gender Issues
Lead 415	Organizational Development and Change
Lead 420	Community Leadership
3 SCH	Leadership Elective

Mass Communication (18 SCH)

MCOMM1307	Introduction to Mass Communication (required)
MCOM 300	Mass-Communication Theory
MCOM 491	Research in Mass Communication
3 SCH LD	Mass-Communication Course
6 SCH UD	Mass-Communication Course

Political Science (18 SCH)

GOVT 2301	American Government I: Federal and TX Constitution
GOVT 2302	American Government II: Federal and TX Political Behavior
12 SCH	Upper-division Political-Science Electives

Psychology (18 SCH)

PSYC 2301	General Psychology
PSYC 2314	Lifespan Growth and Development
PSY 316	Abnormal Psychology
PSY 317	Psychology of Personality
OR	
PSY 350	Learning and Behavior
PSY 426	Introduction to Applied Psychology
3 SCH	Psychology elective

Social Studies (18 SCH)

ECON 2301	Principles of Macroeconomics
GEOG 1303	World-Regional Geography
GEOG 413	Cultural Geography
GOVT 2301	American Government I: Federal and TX Constitution
PSCI 340	Introduction to Comparative Politics
OR	
PSCI 350	Introduction to International Relations
PSCI 427	Public Law: Federal and State

OR

PSCI 428	Intergovernmental Politics
----------	----------------------------

Sociology (18 SCH)

SOC 1301	Principles of Sociology
SOC 320	Deviance and Deviant Behavior
SOC 323	Social Stratification
SOC 380	Ethnic and Cultural Minorities
SOC 485	Religion and Society
3 SCH	Upper-division approved Sociology elective

Spanish (18 SCH)

Required Lower Division Language Courses (12 SCH):

SPAN 1311/1314	Beginning Spanish I
SPAN 1312/1315	Beginning Spanish II
SPAN 2311	Intermediate Spanish I
SPAN 2312	Intermediate Spanish II

Required Upper Division Language Courses (3SCH from the list below):

SPAN 303	Spanish Composition and Conversation*
SPAN 497	Special Topics (Topics will vary)

Interdisciplinary Course Requirements (3SCH from the list below):

HIST	450	Latin America—The Colonial Era
HIST	451	Modern Latin America
HIST	454	Culture and History of Mexico

The minor advisor may approve the substitution of other courses, which have Latin America as their primary focus.

*Prior to enrolling in Spanish courses, students must complete the following:

- Pass a Spanish Proficiency Exam at a level of 300
- Complete an oral interview with the Spanish instructor
- Receive permission from the Spanish instructor to enroll in courses

2/1/13 LD: Lower-division

UD: Upper-division Eff. Fall 2013

Undergraduate-Educator-Preparation Program

Admission Requirements—

Traditional Undergraduate-Educator-Preparation Program

- (1) Application to program submitted through TK-20, to include the following:
 - Oral-Language References (2 required) from face-to-face instructors from ED 321, ED 331, SPED410, or RDG350
 - Writing Sample
 - Disposition Survey
 - Code-of-Ethics-Reflection Statement
 - Educator-Preparation-Program Quiz
- (2) 2.80 or higher overall GPA
- (3) Interview with Advisor
- (4) Completed 12 semester hours:
 - for grades 4-8 or 8-12 from content or major area (no grade below “C”)
 - for EC-6, 12 sh from the list below (no grade below “C”)
 - 3 sh from ENG prefix (not ENGL1301 or ENGL1302)
 - 3 sh from MATH prefix
 - 3 sh from GOVT or HIST prefix
 - 3 sh from BIO, PHYS, or CHEM prefix
- (5) Demonstrate College-Level Skills by one of the following ways:
 - THEA: Reading 240; Math 230; Writing 220

Admittance based on matrix score. Students may appeal decision. The university will admit students scoring above the minimum requirements at “Future Teacher Leader” status.

For Admission to the Field-Based Semester, students must complete the following requirements:

1. “Notice of Intent” form submitted by appropriate due date (March 1st for fall; Oct 1st for spring)
2. Must have completed ED321, ED311, SPED410, SPED417 with appropriate grade
3. Completion of 30 clock hours of observation documented in TK20 account
4. Transfer students must have completed EDUC 1301 and EDUC 2301
5. Minimum of 2.80 GPA overall; No grade below “C” in upper-division courses
6. Essay and “Criminal History Background” forms submitted
7. Positive school-district interview

For Admission to the Student-Teaching Semester:

1. Successful completion of field-based semester as determined by Field Experience Director.
2. Maintain 2.80 cumulative GPA; no grade below “C” in upper-division courses

GRADUATE STUDIES

Students can find information about graduate studies at the following link:

<http://tamut.edu/Admissions/Graduate%20Admissions/index.html>

The respective colleges, the Dean of Graduate Studies and Research, the Provost, and the Vice-President for Academic and Student Affairs (VPASA) provide oversight of all graduate degrees.

To find information about the degree-program requirements for each college for 2014-15, please view the individual degree-program pages grouped by college following this section:

College of Education and Liberal Arts

- Adult and Higher Education(MS)
- Curriculum and Instruction (MS)
 - Professional Educational Diagnostician
 - Special Education
 - Reading-Specialist Certification
 - Master Mathematics-Teacher (MMT) Certification
 - Master Reading-Teacher (MRT) Certification
- Education Administration (MEd - Principal Certification)
- English (MA)
- History (MS)
- Instructional Technology (MS)
 - Instructional Technology (MS with Master Technology-Teacher Certification)
- Interdisciplinary Studies (MSIS)
 - Communication
 - Concentration in Criminal Justice
 - Concentration in Teacher Education
- Counseling (MS) (Clinical Mental Health)
- School Counseling (MS)
- Psychology (MS)

College of Business

- Business Administration (MBA)
 - Business Administration (MBA with Energy Leadership Track)

College of Sciences, Technology, Engineering, and Mathematics

- Nursing Administration (MSN)

Graduate program for Initial Teacher Certification

CHECKLIST FOR ADMISSION

1. Complete application to the university at degree-seeking student at www.applytexas.org
 - May choose from the following degrees
 - MS in Curriculum and Instruction
 - MS in Interdisciplinary Studies
2. Complete application to graduate-studies program
 - Requires 3 letters of recommendation
 - 3.00 GPA cumulative or last 60 hours
 - GRE or GMAT

3. Apply to certificate program
 - Set up account with TK20 (tamut.tk20.com)
 - Submit “**Graduate Program for Initial Certification**” application
4. Admission to certification program requires
 - Passing score on appropriate content TExES
 - Cumulative GPA of 2.80
 - All transcripts must be on file with the registrar’s office
 - Interview with advisor
5. For Probationary certificate and eligibility to accept teaching position
 - ED 506 and ED 508, or other approved courses, completed
 - 30 clock hours of observation completed
 - Secured position as teacher of record for area or level of certification seeking
 - Enrolled in internship course

Admission to Graduate Studies

1. Complete a university application for admission using the “Texas Common Application.” Complete this application online at www.ApplyTexas.org.

2. Request official transcripts. Mail transcripts directly (or hand-deliver them in an enclosed envelope with the seal of the issuing university affixed) to the Office of Graduate Studies and Research from each institution attended, including the transcript showing possession of a bachelor’s degree from a regionally accredited institution. Please see “Transcript Requirements” listed below.

3. Obtain and submit a Registration Permit Card (obtained from the Office of Graduate Studies and Research). A faculty member or dean must sign this card, and the student must submit the card to the Office of the Registrar as part of the registration process.

Note: While a student with a bachelor's degree may enroll in graduate courses, enrollment in graduate course work does not ensure admission to a graduate-degree program.

4. Students should refer to the graduate-studies Web site for program requirements at <http://tamut.edu/Admissions/Graduate%20Admissions/index.html>. Criteria vary among graduate programs.

5. Degree-seeking students must submit a *graduate-program application* to the Office of Graduate Studies and Research by the designated deadline. Failure to complete the graduate-program application will hinder future registration.

6. Students are responsible for obtaining and submitting the above information by the designated deadline.

7. The university may provisionally admit students who do not meet the initial program admissions requirements through 12 semester credit hours (SCH) in a specific discipline.

8. A program may limit admission to courses in the program to students whom the program has formally admitted to the program.

Non-Degree Students

Graduate students who are not currently seeking a degree should contact the Office of Graduate Studies and Research or a faculty member to discuss options. No more than 12 SCH earned as a non-degree seeking student may apply toward a graduate degree. Students should declare a change in status prior to the completion of the 12 SCH.

Transcript Requirements

The applicant must provide official transcripts from colleges and universities he or she attended and the high-school transcript showing graduation. Students **CANNOT** disregard any part of their college record except under provisions of the Academic Fresh Start policy. The university will consider a failure to list all institutions and submit transcripts as an intentional omission, and this omission could result in administrative withdrawal from the university. The university considers transcripts official only when they bear the signature of the registrar and the seal of the issuing school. Students may mail transcripts directly to the Office of Admissions from the registrar’s office of each school they attended. Transcripts the student hand carries or mails must be in an envelope the issuing university clearly sealed. The student cannot use records from one institution posted on a transcript from a second institution for admissions purposes.

The student must submit any work he or she attempted at another college subsequent to admission to the university whether or not he or she earned credit. Transcripts become the property of the university, and the university **CANNOT** return transcripts to the student. The university will keep the transcripts on file for one year **ONLY** if the student does not enroll.

Degree-seeking students must submit official transcripts showing possession of at least a bachelor's degree from a regionally accredited institution. The university also requires transcripts reflecting any graduate course work. The university requires the transcript even if the student enrolls only in undergraduate courses. Please note that the university may require additional transcripts at any time.

Non-degree seeking students must submit an official transcript from the last college they attended and a transcript showing a bachelor's degree.

Advisement and Degree Planning

Students should contact the Office of Graduate Studies and Research to obtain a list of items the university requires for the graduate-program admission. This list includes information regarding admission criteria, program requirements, deadlines, and general information for graduate studies. Students should direct specific program questions to the appropriate faculty member or college dean.

Students must complete and submit the required paperwork to the Office of Graduate Studies and Research by the designated program's deadline. The Office of Graduate Studies and Research will submit this graduate-program packet to the admissions committee of the appropriate program for consideration. The admissions committee will do one of the following: (a) grant full admission, (b) grant provisional admission, or (c) deny admission.

- The Office of Graduate Studies and Research will notify students by letter of their program-admission status.
- If the admissions committee grants full admission, the Office of Graduate Studies and Research will inform the student to contact their assigned advisor to schedule an appointment for advisement and preparation of an official degree plan according to academic program and institutional requirements. Students can find this document on the students' "Degree Works" page. An official degree plan is necessary in order to complete the program properly and ensure eligibility for graduation. If the student is unsuccessful in contacting his or her advisor, he or she should contact the appropriate college office or the Office of Graduate Studies and Research for assistance.
- If the admissions committee grants provisional admission, the university will allow the student a maximum of three years to complete 12 SCH of graduate course work and to submit the application for reconsideration. The student **must** maintain a Grade Point Average (GPA) of 3.0 or better for the committee to reconsider an application for full admission. Students should contact the college office or the Office of Graduate Studies and Research for assistance.

The Office of Graduate Studies and Research must approve in writing any subsequent changes or course substitution for degree plans, and the secretary must file the approval in the Office of Graduate Studies and Research prior to enrollment in the courses. Students must contact their faculty advisor or the Office of Graduate Studies and Research concerning these requests. The student must have written and filed

approval from the advisor or college dean in the Office of Graduate Studies.

If the student chooses the thesis option, he or she must provide the Office of Graduate Studies and Research with a copy of the plan with all advisory-committee signatures. This option allows six SCH for satisfactory completion of a thesis.

The student may not use correspondence-course credit on graduate-degree plans.

General Academic Policies

Many academic policies apply to **both graduate and undergraduate students**. Students should refer to the section entitled “Academic Policies” for detailed information.

The student should pay particular attention to the following:

Change of Grade
Graduation Under a Particular Catalog
Incomplete Grades
Repetition of a Course
Satisfactory-Unsatisfactory (S/U) Grades
Schedule Changes
Special-Course Restrictions
Student Code of Conduct

Matriculation Standards

The student must maintain a minimum 3.00 GPA to remain in academic good standing.

Probation

The university will place a regularly enrolled graduate student on probation after completion of 12 SCH of work when the cumulative grade point average is below 3.00. The student will remain on probation until he or she raises the cumulative grade point average to 3.00 or above.

- The university will print a “Placed on Probation” statement on the student’s transcript indicating this status. While on probation, the student must maintain a semester GPA of 3.00 or higher. Failure to maintain a minimum 3.00 GPA each semester while on probation will result in the student’s suspension for a period of one calendar year, and the student will not be eligible to re-enroll until such time period has elapsed.

Academic or Disciplinary Suspension

The suspension period will extend for 12 months from the end of the semester during which the student fell below acceptable standards for continued enrollment. Early re-entry is possible only once with permission from the VPAA. Only extenuating circumstances warrant such action.

After the period of academic suspension has passed, the student may enroll again. The university will place the student on academic probation at re-entry, and he or she must maintain a cumulative GPA of 3.00 or higher. If the student falls below 3.00 during any semester, the university will suspend the student for another one-year period. The student may appeal the status of scholastic suspension through the VPAA.

Note: The university imposes enrollment restrictions as a result of suspension or probation only at the end of the fall and spring terms.

Students on academic or disciplinary suspension (or “not in good standing”) from another institution are not eligible for admission to A&M-Texarkana until the suspension period has passed. If the student

registers for classes at A&M-Texarkana during such a period and gains admission by giving false information to the Office of the Registrar, the university will withdraw the student from all classes without tuition or fee refund. When the period of suspension has passed, the student may then apply for admission.

Before this time, the student may apply to the dean of the college by presenting a written statement from an appropriate representative of the institution, which issued the suspension. The statement must indicate that the institution would recommend early re-entry. The dean of the college will forward his or her recommendation for admission to the Dean of Graduate Studies and Research and VPASA. In cases of disciplinary suspension, the VPASA will appoint a committee to review the student's application for admission. The VPASA may then refuse admission based on the committee's recommendation or the VPASA's review of the case.

The university may refuse admission if it determines

1. the student would not abide by the rules and regulations of the university or would be unable to adjust to the university environment,
2. the student does not indicate a serious intent to pursue an education, or
3. the student might harm other members of the university community.

The university will review cases of expulsion (or suspension without time limit) on an individual basis. The VPASA will handle appeals.

Thesis

To pursue a thesis option, a student must conduct original research, write a thesis (six SCH maximum credit), and report this research under the supervision of the advisor.

The student prepares thesis according to instructions the advisor and the college dean provide by. If the student does not complete the thesis during the semester of registration, the student must register for the course again to receive advice and assistance from a member of the faculty in further preparation of the thesis or while using university facilities for thesis work.

The university does not require this registration in those instances, which would result in an overload. The university will award credit for no more than six SCH upon satisfactory completion of the thesis.

Change-of-Degree Declaration

1. In order to change programs, the student must submit a "**Change of Degree Declaration**" to the Office of the Registrar. The student must complete the form and obtain signatures of approval from their advisor and college dean.

2. Students **may need to re-apply for admission to the new program according to current program-admission criteria.** The appropriate college determines this requirement, and the student should discuss this requirement with program faculty and the college dean prior to submitting the "**Change of Degree Declaration.**"

3. Students should contact the Office of Graduate Studies and Research if they need assistance.

Degree-Plan Revisions and Extensions

1. **Revising** or **extending** a degree plan is possible with proper approval from the advisor or college dean.

The student **may have to re-apply for admission according to current program-admission criteria** when revising a degree plan. The appropriate college determines this criteria, and the student should discuss this criteria with the advisor or college dean. The student's advisor must contact the Office of Graduate Studies and Research or give the student written documentation on how to proceed.

2. The advisor may recommend a **revision** or **extension** if the student has been inactive and returns to complete his or her program, but the degree plan has recently expired or will expire before he or she can properly complete the program. The university generally allows an extension if the student is within 3-9 hours of completion, and the advisor or college dean feels the student can complete the degree within 1-2 semesters. Otherwise, officials must revise the degree plan.

3. The advisor may recommend revisions when officials need to make changes within the specialization area, subject area, or area of concentration of the degree plan.

4. Students should contact the Office of Graduate Studies and Research if they need assistance.

Applying For Graduation

Degree candidates must officially apply for graduation online one term in advance of the term in which they plan to graduate. Students must file applications no later than the date specified in the schedule of classes. If the student does not graduate in the term for which he or she applies, the student must apply again and pay a reactivation fee during the subsequent term in which he or she intends to graduate. Graduation fees are non-refundable.

Graduation Requirements

The following is a checklist university staff uses to determine eligibility for graduation. The following checklist will validate progress:

1. Students must complete an approved master's degree program. Students must follow the "Official Degree Plan" A&M-Texarkana has issued. (Students may choose to complete a six SCH thesis as part of their degree program.) Note: Consult section on "Graduation Under a Particular Catalog."

2. Students may transfer no more than 12 SCH of graduate-level course work from another regionally accredited institution and have the university apply those credits toward a master's degree at A&M-Texarkana.

3. Students may apply no more than 6 SCH of special-format courses (597, 589, and/or 529) to degree requirements.

4. Students may apply no more than 9 SCH of S/U-graded courses to degree requirements.

5. Students may not apply courses they have taken more than five years prior to admission to the graduate-studies program to their degree. The dean may give special approval to apply such courses to a particular degree.

6. A student's degree plan must not be over five years old.

7. Students must complete all "X" grades prior to graduation.

8. Students must achieve the following cumulative grade-point averages:

- a. 3.00 or above on all graduate work attempted in major field of study or area of concentration;
- b. 3.00 or above on all graduate courses attempted at A&M-Texarkana;

- c. 3.00 or above on all graduate courses applied to the degree sought; and
- d. 3.00 or above on all graduate course work.

Note: The university will not count grades lower than “C” toward a graduate degree, but the university will use those grades to calculate the GPA. The university considers a course with a grade of “D” or “F” completed, and the GPA will reflect those grades.

9. The university will calculate into the final grade all graduate course work the student has taken prior to graduation.
10. The student may apply, upon recommendation of the instructor and approval of the college dean, a maximum of two 400-level undergraduate courses toward fulfillment of graduate-degree requirements. When taking a 400-level course for graduate credit, the student must complete additional work beyond the quality and quantity of work, which distinguishes graduate instruction (See “Enrollment in Undergraduate Courses for Graduate Credit”). Graduate courses are numbered 500 and above.
11. The specific college may require students to pass a comprehensive examination covering work within the master’s degree program including, if applicable, an acceptable defense of the thesis. For programs that do not require a comprehensive exam, the student must earn a minimum grade on a required capstone course. (See the requirements for the student’s particular degree.) A student who fails to pass the comprehensive exam must complete whatever further courses or additional study the advisor requires to correct the deficiencies. If the student fails a second time, he or she may not take the exam again without special permission of the dean of the college. Students who fail to achieve the required minimum grade on the capstone course must repeat the course.
12. Students must submit the completed application for graduation and pay fees by the date published in the schedule of classes.
13. The university must have a copy of all official transcripts on file with the Office of the Registrar.
14. A student may not enroll in any academic course off-campus during the term of graduation. This requirement includes cross-registered courses and courses completed through the course-exchange program.
15. In order for a student to receive his or her degree and participate in commencement, he or she must have completed all degree requirements (including passing comprehensive exams) and have a zero balance on their account by the Friday one week prior to the graduation-commencement ceremony.

Enrollment in Undergraduate Course for Graduate Credit

The need for flexibility in program offerings to meet the highly varied requirements of students justifies the application of 400-level undergraduate courses to master’s degree programs. These needs may require courses not in the graduate offerings of the major but which are available at the undergraduate level.

To enroll in a 400-level course for graduate credit, the student must complete the proper instructional-justification form. The student and instructor must agree on the qualitative and quantitative differences in the course requirements to justify graduate credit. Qualitative differences show greater depth and breadth of study, and quantitative differences describe the increased amount of work necessary. Students must list specific differences and objectives clearly on the form in order to secure approval from the supervising faculty member and college dean. The student must return the form to the Office of Admissions prior to the first class day to complete enrollment.

The university does not permit this option for the purpose of meeting “leveling” or prerequisite requirements for a graduate degree. Students may apply no more than two courses that they complete in this manner toward fulfillment of graduate-degree requirements.

Transfer of Credit

The university will accept a maximum of 12 SCH of graduate-level course work as transfer credit from another regionally accredited institution if the student’s advisor and dean of the college approve the transfer of credit. The university can only accept transfer credit for courses in which the student earns a grade of “C” or better and courses in which the student earned credit within five years of admission to graduate studies at A&M-Texarkana.

Second Master’s Degree

A student with a master’s degree from this institution or another regionally accredited graduate school may earn a second master’s degree by meeting the following requirements:

1. Apply to the program under the current admission criteria.
2. Complete a minimum of 24 additional SCH of graduate-level courses (this requirement assumes that the advisor and college dean apply 12 SCH from the first master’s degree).
3. Satisfactorily complete all requirements for the second degree.
4. Complete SCH the college requires for the degree. The program will administer comprehensive examinations for the second master’s degree in the same manner as for the first degree. The second degree will be subject to the general regulations governing master’s degrees except as stated above.

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF ARTS DEGREE (MA)
MAJOR: ENGLISH**

NAME: _____ CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Thesis Option				
24 SCH	English courses determined in conference with an advisor (at least 12 SCH in literature			
3 SCH	Approved elective			
ENG	518	Thesis (6 SCH)		
ENG	595	Research Literature and Techniques (normally taken as early as possible in graduate program)		
Non-Thesis Option				
24 SCH	English courses determined in conference with an advisor (at least 12 SCH in literature			
6 SCH	Approved electives			
ENG	575	Current Issues in English Studies (capstone course) (should be taken during student's last semester of graduate work) Prerequisite: ENG 595		
ENG	595	Research Literature and Techniques (normally taken as early as possible in graduate program)		
Total Semester Credit Hours (SCH) Required for Degree: 36				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 2.50 GPA or 2.50 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

**This worksheet is not a degree plan and should be used for informational purposes only.
Faculty Contact: Dr. Brian Billings, 903.223.3022, brian.billings@tamut.edu**

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF EDUCATION DEGREE (MEd)
MAJOR: EDUCATION ADMINISTRATION; CERTIFICATION: PRINCIPAL

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Major Courses				
ED	520*	Education Research Lit & Techniques		
EDAD	510*	Curriculum Studies		
EDAD	531**	Instructional Leadership		
EDAD	540**	School Finance & Management		
EDAD	560	Technology for School Improvement		
EDAD	567	Supervision of Instruction		
EDAD	577**	Texas School Law		
EDAD	574**	Admin of Special & Compensatory Prog		
EDAD	580**	The Principalship, Campus, and Community		
EDAD	588**	Principal Internship		
Total Semester Credit Hours Required for Degree: 30				

* Students are eligible to substitute courses with advisor's written approval for requirements with evidence a graduate research and curriculum course has been completed successfully in previous degree.

**Students with a graduate degree in an appropriate field may earn principal certification by taking these courses as well as meeting the research and curriculum course requirements.

Transfer of no more than 12 SCH will be accepted and must have written approval by the advisor.

ILD Training is included in the curriculum of EDAD 531. Degree seeking students who have already had ILD training may substitute another course with written approval of the advisor.

Students may qualify for a Probationary Certificate by taking any four approved EDAD courses.

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 2.50 GPA or 2.50 GPA in last 60 hours of undergraduate degree program
- * Names of three references
- * Letter of interest and commitment
- * Current Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment. Students must apply for certificate Program through the PK-20

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. John Hamilton (903)223-3161; john.hamilton@tamut.edu

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)**

**MAJOR: CURRICULUM AND INSTRUCTION; CERTIFICATION: READING
SPECIALIST**

NAME: _____ CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluative Learning		
ED	551	Effective Learning Strategies for Student Success		
ED	573	Leadership and Mentoring in Education		
ED	590	Curriculum Alignment for School Improvement		
ED	577	Public School Law for Teachers		
	<u>or</u>			
ED	593	Teaching in a Multicultural Setting		
	<u>or</u>			
ITED	520	Instructional Design and Development		
Supporting Courses				
RDG	560	Diagnostic and Remedial Reading		
RDG	561	Clinical Practicum in Reading		
RDG	562	Prescriptive Reading		
RDG	563	Teaching Reading in the Content Areas		
ENG	555	Linguistics		
ED	530	Human Growth and Development for Educators		
Total Semester Credit Hours (SCH) Required for Degree: 36				

Reading Specialist certification requires additional application through the Teacher Certification

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Resume
- * Official scores on the GRE or the MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

**This worksheet is not a degree plan and should be used for informational purposes only.
Faculty Contact: Dr. Teri Fowler, (903) 223-3126, teri.fowler@tamut.edu**

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: ADULT AND HIGHER EDUCATION

ME: _____ CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Course				
ED	520	Education Research Literature and Techniques (3 SCH)		
Major Courses				
AHED	520	Profession and Practice in Adult & Higher Ed. (3 SCH)		
AHED	526	Adult Learning and Development (3 SCH)		
AHED	527	Program Planning in Adult Education (3 SCH)		
AHED	528	Instructional Design and Methodology (3 SCH)		
ITED		Instructional Technology Elective (ITED 501, 511 or other) (3 SCH)		
AHED	588	Graduate Capstone: Teaching/Training Symposium (taken in final term) (3 SCH)		
12 SCH in Professional Focus Area (Students Select One of the Options Below):				
Higher Education (AHED 505, 506, 508 and 5XX To be developed)				
Adult Education/Human Resource Development (AHED 513, 514, 515 and 5XX to be developed)				
Instruction (Students Complete 12 SCH of Graduate Courses in a Single Discipline)				
Total Semester Credit Hours (SCH) Required for Degree: 33				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 2.50 GPA or 2.50 GPA in last 60 hours of undergraduate degree program
- * Three recommendation letters from faculty and/or employers
- * Essay on life and professional and/or academic background
- * Interview with Program Coordinator
- * Letter of interest
- * Resume
- * Extemporaneous writing sample conducted on-site
- * Official scores on the GRE or MAT

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Gaynell Green (903) 223-3165; gaynell.green@tamut.edu Fall 2014

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)**

**MAJOR: CURRICULUM AND INSTRUCTION; CERTIFICATION: MASTER
READING TEACHER (MRT)**

NAME: _____ CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluative Learning		
ED	551	Effective Learning Strategies for Student Success		
ED	573	Leadership and Mentoring in Education		
ED	590	Curriculum Alignment for School Improvement		
ED	577	Public School Law for Teachers		
	<u>OR</u>			
ED	593	Teaching in a Multicultural Setting		
	<u>OR</u>			
ITED	520	Instructional Design and Development		
Supporting Courses				
RDG	570	Literacy and Cognition		
RDG	571	Evidence of Reading Proficiency		
RDG	572	Evidence-Based Reading Intervention		
	9 SCH	Approved *concentration area		
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Areas of concentration include education, special education, English, history, mathematics, science, mathematics education, science education, arts, reading, adult education, and technology.

MRT Certification requires additional application through the Teacher Certification Office.

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Teri Fowler, (903) 223-3126, teri.fowler@tamut.edu

MS--Curr. And Inst., Cert. MRT

Eff: Fall 2014

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)**

**MAJOR: CURRICULUM AND INSTRUCTION; CERTIFICATION: MASTER
MATHEMATICS TEACHER (MMT)**

NAME: _____

CWID: _____

Requirements

			Completed	Yet Required
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluative Learning		
ED	551	Effective Learning Strategies for Student Success		
ED	573	Leadership and Mentoring in Education		
ED	590	Curriculum Alignment for School Improvement		
3 SCH from the following three courses:				
ED	577	Public School Law for Teachers		
ED	593	Teaching in a Multicultural Setting		
ITED	520	Instructional Design & Development		
Supporting Courses				
MAED	501	Number Concepts and Algebra		
MAED	502	Patterns and Geometry		
MAED	503	Measurement, Probability and Statistics		
9 SCH		in an approved area of concentration*		
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Areas of concentration include education, special education, English, history, mathematics, science, science education, arts, reading, adult education, and technology.

MMT Certification requires additional application through the Teacher Certification Office.

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Teri Fowler, (903) 223-3126, teri.fowler@tamut.edu

MS--Curr. And Instruc., Cert. MMT

Eff: Fall 2014

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)**

MAJOR: CURRICULUM AND INSTRUCTION; PROF. EDUCATIONAL DIAGNOSTICIAN

NAME: _____ **CWID:** _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
SPED	520	Technology for Inclusion		
SPED	525	Special Education Law *		
SPED	541	Assessment of Processing & Learning		
SPED	542	Methods for Exceptional Learners (4 SCH)		
*SPED	547	Cognitive Assessment**		
SPED	548	Instructional Planning for Ed. Diagnosticians		
SPED	549	Achievement Assessment (4 SCH)		
SPED	566	Behavior Management and Motivation		
SPED	585	Practicum for Educational Diagnosticians (1 SCH)		
Supporting Courses				
ED	530	Human Growth and Development for Educators		
Electives: 3 SCH in Read., PSY, COUN, or ITED				
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Prerequisite: Introduction to Exceptional Children Course (graduate or undergraduate course) within the last 5 years

** Prerequisite: Statistical methods course (may be undergraduate or graduate level)

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Completion of an on-site writing sample
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Elaine Beason, (903) 223-3035; elaine.beason@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: CURRICULUM AND INSTRUCTION; SPECIAL EDUCATION

NAME: _____ CWID: _____

Requirements

			Completed	Yet Required
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluative Learning		
ED	551	Effective Learning Strategies for Student Success		
ED	573	Leadership and Mentoring in Education		
ED	590	Curriculum Alignment for School Improvement		
ED	530	Human Growth and Development for Educators		
Supporting Courses				
SPED	540	Introduction to Individuals with Exceptionalities*		
SPED	520	Technology for Inclusion		
SPED	541	Assessment of Processing & Learning		
SPED	542	Methods for Exceptional Learners I*		
SPED	543	Methods for Exceptional Learners II		
SPED	566	Behavior Management & Motivation		
Possible Substitutions				
*3 hour substitute SPED 410 for 540 in the last 5 yrs.				
*3 hour substitute SPED 415 for SPED 542 in last 5 yrs.				
Total Semester Credit Hours (SCH) Required for Degree: 36				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.
Faculty Contact: Dr. Martha Harris, (903) 223-3086, marty.harris@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: CURRICULUM AND INSTRUCTION w/ Teaching Certification

NAME: _____ CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluative Learning		
ED	557*	Innov Learner-Centered Instruction		
ED	573	Leadership and Mentoring in Education		
ED	590	Curriculum Alignment for School Improvement		
ITED	511*	Teaching with Emerging Technologies		
Education Concentration				
ED	506*	Classroom Mgmt and Basic Law for Teachers		
ED	508*	Introduction to Teaching		
SPED	540*	Characteristics of Diverse Learners		
ED	530*	Human Growth and Development for Educators		
6 SCH in RDG	Elementary Certs. require RDG 501* & 562*			
	Secondary Certs. require RDG 563* and			
	approved elective			
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Courses Required for Teaching Certification

Admission Requirements for Degree

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Student will complete an on-site writing sample
- * Resume
- * Official scores on the GRE or MAT

Contact Graduate Studies Office for more information:

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

Admission Requirements for

Review Admission Criteria and Application on website and at <https://tamut.tk20.com>. For more info contact Certification Officer 903/223-3048.

**This worksheet is not a degree plan and should be used for informational purposes only.
Faculty Contact: Dr. Teri Fowler, (903) 223-3126, teri.fowler@tamut.edu Eff. Fall 2014**

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: CURRICULUM AND INSTRUCTION

NAME: _____ **CWID:** _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluative Learning		
ED	551	Effective Learning Strategies for Student Success		
ED	573	Leadership and Mentoring in Education		
ED	590	Curriculum Alignment for School Improvement		
3 SCH from the following three courses:				
ED	577	Public School Law for Teachers		
ED	593	Teaching in a Multicultural Setting		
ITED	520	Instructional Design and Development		
18 SCH Approved electives in one or two *areas of concentration				
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Areas of concentration include a variety of academic disciplines such as English, history, mathematics, science, mathematics education, science education, reading, arts integration and instructional technology.

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Teri Fowler, (903) 223-3126, teri.fowler@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: Clinical Mental Health Counseling

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Undergraduate Prerequisites				
PSY	316	Abnormal Psychology (Prereq for PSY 503)		
PSYC	2317	Statistical Methods in PSY (Prereq for PSY 560)		
Major Courses				
COUN	510	Counseling Theories		
COUN	511	Introduction to Counseling Services		
COUN	512	Career Development and Information		
COUN	516	Pre-Practicum		
COUN	520	Counseling Diverse Populations		
COUN	525	Practicum		
COUN	526	Internship (6 SCH)		
COUN	528	Group Procedures in Counseling		
COUN	541	Counseling the Substance Abuser: Prevention, Intervention, & Treatment		
COUN	585	Crisis Intervention: Theory & Practice		
PSY	503	Psychology of Behavior Disorders		
PSY	540	Research Literature and Techniques		
PSY	543	Human Growth and Development		
PSY	560	Clinical Assessment		
PSY	575	Ethics in Counseling & Psychology		
PSY	578	Marriage and Family Therapy		
PSY	579	Psychopharmacology for Counselors		
	6 SCH	Elective in Counseling or Psychology		
Total Semester Credit Hours (SCH) for Degree: 60				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.00 GPA or 3.00 GPA in last 60 hours of undergraduate degree program
- * Three supportive letters from faculty, mentors and/or employers
- * Letter of interest, commitment, and purpose to the program
- * Resume
- * Successful in-person interview with program faculty
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Peter Racheotes; teri.sartor@tamut.edu

peter.racheotes@tamut.edu; Dr. Teri Sartor;

MS--Coun Psy/LPC

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: HISTORY

NAME: _____ **CWID:** _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Required Courses				
HIST	500	Historiography		
Approved History Electives				
33 SCH		Approved graduate level history courses		
Total Semester Credit Hours (SCH) Required for Degree: 36				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 2.50 GPA or 2.50 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Academic Paper

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Craig Nakashian, (903) 223-3136; craig.nakashian@tamut.edu

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)**

**MAJOR: INSTRUCTIONAL TECHNOLOGY; CERTIFICATION: MASTER
TECHNOLOGY TEACHER (MTT)**

NAME: _____ **CWID:** _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Major Courses				
ITED	501	Instructional Technology Foundations		
ITED	511	Teaching with Emerging Techology		
ITED	512	Evaluation in Instructional Technology		
ITED	520	Instructional Design and Development		
ITED	521	Instructional Multimedia Design and Development		
ITED	523	Online Learning and Teaching		
ITED	530	Research in Instructional Technology		
ITED	532	Leadership in Instructional Technology		
ITED	590	Internship in Instructional Technology		
SPED	520	Technology for Inclusion		
6 SCH		Prescribed Electives		
Total Semester Credit Hours (SCH) Required for Degree: 36				

MTT Certification requires additional application through the Teacher Certification Office.

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.00 GPA or 3.00 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Completion of an on-site writing sample
- * Current Resume
- * Successful score on Interview

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Kevin Williams (903) 223-3028; kevin.williams@tamut.edu

MS--Instruct. Tech., Cert. MTT

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: INSTRUCTIONAL TECHNOLOGY

NAME: _____ CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Major Courses				
ITED	501	Instructional Technology Foundations		
ITED	511	Teaching with Emerging Technology		
ITED	512	Evaluation in Instructional Technology		
ITED	520	Instructional Design and Development		
ITED	521	Instructional Multimedia Design and Development		
ITED	523	Online Learning and Teaching		
ITED	530	Research in Instructional Technology		
ITED	532	Leadership in Instructional Technology		
ITED	590	Internship in Instructional Technology		
	9 SCH	Prescribed Electives		
Total Semester Credit Hours (SCH) Required for Degree: 36				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.00 GPA or 3.00 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Interview
- * Current Resume

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Kevin Williams (903) 223-3028; kevin.williams@tamut.edu

MS--Instruct. Tech.

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: INTERDISCIPLINARY STUDIES w/ Teacher Certification

NAME: _____ **CWID:** _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
IS	595	Research Literature and Techniques - Fall Sem.		
IS	596	MSIS Research Project - Final Spring Semester		
Education Concentration				
ED	506	Classroom Mgmt. and Basic Law for Teachers		
ED	508	Introduction to Teaching		
ED	557	Innovative Lrn-Centered Inst. Strategies for Student Success		
SPED	540	Char of Diverse Learners		
ITED	511	Teaching with Emerging Technologies		
ED	530	Human Growth and Development for Educators		
3-6 SCH		Elementary take RDG 501 & RDG 562; Secondary take RDG 563		
6-9 SCH		In a subject area OUTSIDE the Area of Concentration and first subject area		
Total Semester Credit Hours (SCH) Required for Degree: 36				

Areas of concentration include a variety of academic disciplines such as education, English, and history.
 Exception: business or counseling may not be used.

Admission Requirements for Degree

- * Baccalaureate degree
- * Minimum of cumulative 3.0 GPA or 3.0 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE or MAT

Contact Graduate Studies Office for more information:

Admission Requirements for

Review Admission Criteria and Application on website and at <https://tamut.tk20.com>. For more info contact Certification Officer 903/223-3048

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Dr. Gaynell Green; (903) 223-3165; gaynell.green@tamut.edu

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: INTERDISCIPLINARY STUDIES**

NAME: _____

CWID: _____

Requirements

Option 1			<u>Completed</u>	<u>Yet Required</u>
IS	595	Research Literature and Techniques		
IS	596	MSIS Research Project		
12-18 SCH		Area of Concentration		
6-12 SCH		In a subject area OUTSIDE the Area of		
6-12 SCH		In a subject area OUTSIDE the Area of		

Option II			<u>Completed</u>	<u>Yet Required</u>
IS	518	Thesis (6 SCH)		
12-18 SCH		Area of Concentration		
6-12 SCH		In a subject area OUTSIDE the Area of		
6-12 SCH		In a subject area OUTSIDE the Area of		

Total Semester Credit Hours (SCH) Required for Degree: 36

Areas of concentration include a variety of academic disciplines such as education, English, and history. Exception: business

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 2.50 GPA or 2.50 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE or MAT

enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Dr. Godpower Okereke; (903) 223-3163; godpower.okereke@tamut.edu Fall 2014

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)**

MAJOR: INTERDISCIPLINARY STUDIES; CONCENTRATION: CRIMINAL JUSTICE

NAME: _____ **CWID:** _____

Requirements

Required Courses			<u>Completed</u>	<u>Yet Required</u>
CJ	510	Criminal Justice Ethics		
CJ	521	Seminar in Policing		
CJ	547	Seminar in Corrections		
CJ	570	Seminar in Justice Administration		
CJ Electives (Must be taken for Graduate Credit)				
CJ	480	Criminological Theories		
CJ	485	Seminar in Criminal Justice		
2nd Area (6-12 SCH)				
3rd Area (6-12 SCH)				
Research				
IS	595	Research Literature and Techniques		
IS	596	MSIS Research Project		
Total Semester Credit Hours (SCH) Required for Degree: 36				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 2.50 GPA or 2.50 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation
- * Letter of interest and commitment
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Godpower Okereke (903) 223-3163; godpower.okereke@tamut.edu

Eff. Fall 2014



**Master of Science Degree in Interdisciplinary Studies -
Communication**

Admission Requirements for Degree
❖ Baccalaureate degree
❖ Minimum of cumulative 2.75 GPA or 2.75 GPA in last 60 hours of undergraduate degree program
❖ Three positive letters of academic recommendation
❖ Letter of interest and commitment
❖ Resume
❖ Official scores on the GRE or MAT
Curriculum Requirements
IS 595 Research Literature and Techniques AND IS 596 MISIS Project OR IS 518 Thesis (6SCH)
Communication Concentration (18 SCH) Required Courses (12 SCH):
COM 5XX Communication theory
COM 5XX Interpersonal or intercultural communication
COM 5XX Organizational communication
COM 5XX Family communication
6 SCH from the following:
COM 5XX Current issues in communication
COM 597 Special topics in communication
COM 589 Independent Study
6-12 SCH Area 2: OUTSIDE of Concentration (Communication)*
6-12 SCH Area 3: OUTSIDE of concentration area and Area #2 above*
* Area 2 and 3 may be in any academic discipline other than business or counseling.

Total Semester Credit Hours (SCH) Required for Degree: 36
--

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)**

MAJOR: Psychology

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Undergraduate Prerequisites				
PSY	316	Abnormal Psychology (Prereq for PSY 503)		
PSYC	2317	Statistical Methods in PSY (Prereq for PSY 560)		
Major Courses				
PSY	503	Psychology of Behavior Disorders		
PSY	516	Psychology Theories of Learning		
PSY	539	Advanced Psychological Statistics		
PSY	540	Research Literature and Techniques		
PSY	541	Advanced Cognitive Psychology		
PSY	542	Advanced Physiological Psychology		
PSY	543	Human Growth and Development		
PSY	544	Advanced Social Psychology		
PSY	546	Advanced Personality Theories		
Prescribed Electives Select 9 SCH from the following:				
PSY	535	Behavior Modification		
PSY	545	Human Sexual Behavior		
PSY	560	Clinical Assessment		
PSY	575	Ethics in Counseling & Psychology		
PSY	579	Psychopharmacology for Counselors		
PSY	581	Child and Adolescent Psychology		
PSY	589	Individual Study (Research)		
Total Semester Credit Hours (SCH) for Degree: 36				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.00 GPA or 3.00 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation from faculty or professional mentors
- * Letter of interest, commitment, and purpose to the program
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

**This worksheet is not a degree plan and should be used for informational purposes only.
Faculty Contact: Dr. Angela Sikorski; (903) 223-3018; angela.sikorski@tamut.edu;
Dr. Tommie Hughes; tommie.hughes@tamut**

MS--PSY

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: COUNSELING; CERTIFICATION: SCHOOL COUNSELOR

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
COUN	510	Counseling Theories		
COUN	511	Introduction to Counseling Services		
COUN	512	Career Development and Information		
COUN	516	Pre-Practicum in Counseling		
COUN	517	Assessment in Counseling		
COUN	520	Counseling Diverse Populations		
COUN	523	School Counseling		
COUN	525	Practicum		
COUN	528	Group Procedures in Counseling		
COUN	534	Counseling Children and Adolescents		
PSY	540	Research Literature and Techniques		
PSY	543	Human Growth and Development		
PSY	575	Ethics in Counseling & Psychology		
Total Semester Credit Hours (SCH) Required for Degree: 39				

School Counselor certification requires a minimum of two years classroom teaching experience in a public or accredited private school. Contact the Teacher Certification Office at 903-223-3048 for additional information.

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.00 GPA or 3.00 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation from faculty or professional mentors
- * Letter of interest, commitment, and purpose to the program
- * Resume
- * Official scores on the GRE or MAT
- * Successful in-person interview with program faculty

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. Teri Sartor; teri.sartor@tamut.edu ; Dr. Peter Racheotes;

MS--Sch. Coun.

Eff: Fall 2014

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: Counseling; Certification: Clinical Mental Health

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Undergraduate Prerequisites				
PSY	316	Abnormal Psychology (Prereq for PSY 503)		
PSYC	2317	Statistical Methods in PSY (Prereq for PSY 560)		
Major Courses				
COUN	510	Counseling Theories		
COUN	511	Introduction to Counseling Services		
COUN	512	Career Development and Information		
COUN	520	Counseling Diverse Populations		
COUN	525	Practicum		
COUN	526	Internship (6 SCH)		
COUN	528	Group Procedures in Counseling		
COUN	541	Counseling the Substance Abuser		
COUN	585	Crisis Intervention		
PSY	503	Psychology of Behavior Disorders		
PSY	540	Research Literature and Techniques		
PSY	543	Human Growth and Development		
PSY	560	Clinical Assessment		
PSY	575	Ethics in Counseling & Psychology		
PSY	578	Marriage and Family		
PSY	579	Psychopharmacology for Counselors		
	6 SCH	Elective in Counseling or Psychology		
Total Semester Credit Hours (SCH) for Degree: 60				

Admission Requirements

- * Baccalaureate degree
- * Minimum of cumulative 3.00 GPA or 3.00 GPA in last 60 hours of undergraduate degree program
- * Three positive letters of academic recommendation from faculty or professional mentors
- * Positive record of life and professional experiences
- * Letter of interest, commitment, and purpose to the program
- * Resume
- * Official scores on the GRE or MAT

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.
Faculty Contact: Dr. Peter Racheotes (903) 223-3027; peter.racheotes@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF BUSINESS
MASTER OF BUSINESS ADMINISTRATION DEGREE (MBA)
MAJOR: BUSINESS ADMINISTRATION

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Major Courses				
ACCT	525	Administrative Controls *		
ECON	576	Macroeconomic Theory & Policy **		
FIN	565	Managerial Finance ***		
MGT	508	Strategic Planning		
MGT	510	Leadership in Management		
MGT	527	Management Policy and Strategy (Capstone)		
MGT	540	International Business		
MGT	594	Organizational Behavior and Management		
MKT	521	Marketing Management		
3 SCH *		Graduate Business Course Elective		
3 SCH **		Graduate Business Course Elective		
3 SCH ***		Graduate Business Course Elective		
Total Semester Credit Hours (SCH) Required for Degree: 36				

* If an applicant does not have credit for 6 SCH Principles of Acct. I & II, then ACCT 526 Accounting for Managers is required as a prerequisite for ACCT 525 Administrative Controls and can be used as 3 SCH elective.

** If an applicant does not have credit for 6 SCH Principles or Elements of Economics I & II, then ECON 577 History of Economic Thought is required as a prerequisite for ECON 576 Macroeconomic Theory & Policy and can be used as 3 SCH elective.

*** If an applicant does not have credit for 3 SCH Financial Management, then FIN 545 Finance for Managers is required as a prerequisite for FIN 565 Managerial Finance and can be used as 3 SCH elective.

Admission Requirements

- * Baccalaureate degree
- * Academic preparation including GPA and prior degree(s)
- * Minimum 2.50 GPA in last 60 hours of undergraduate degree program
- * Three supportive letters from faculty, mentors, and/or employers
- * Letter of interest in program
- * Resume
- * Official scores on the GMAT (GMAT may be waived for applicants who have an undergraduate degree with a 3.0 or better GPA in their last 60 SCH of course work.)

Requirements must be submitted to the Graduate Studies Office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Faculty Contact: Dr. George Boger, (903) 223-3185, george.boger@tamut.edu

WORKSHEET
NOT AN OFFICIAL DEGREE PLAN

Texas A&M University-Texarkana

Master of Business Administration Degree (MBA)
Major: Business Administration
Energy Leadership Track

COURSE REQUIREMENTS

			SCH	Completed	Yet Required
ACCT	526	Accounting for Managers	3		
ACCT	525	Administrative Controls	3		
ECON	577	History of Economic Thought	3		
ECON	576	Macroeconomic Theory & Policy	3		
FIN	531	<i>Finance for Energy Professionals</i>	3		
FIN	565	Managerial Finance	3		
MGT	510	Leadership in Management	3		
MGT	531	<i>Management Strategy in the Energy Industry</i>	3		
MGT	532	<i>Risk Management in the Energy Industry</i>	3		
MGT	540	International Business	3		
MGT	594	Organizational Behavior	3		
MGT	527	Managerial Strategy and Policy (Capstone)	3		
TOTAL HOURS FOR DEGREE			36		

Requirements for University and Degree Program Admission

	Academic preparation including a baccalaureate degree
	Minimum 2.50 GPA on last 60 hours of undergraduate degree
	Three supportive letters from faculty, mentors, and/or employers
	A letter of interest in admission to the program
	Resume
	Official score on the General Management Admissions Test (GMAT) (The GMAT may be waived for applicants who have an undergraduate degree with a 3.0 or better GPA in their last 60 semester hours of course work) or a four page essay to demonstrate thinking, writing, and grammatical skills.
Requirements must be submitted to the Graduate Studies Office by designated deadline in first semester of enrollment.	

12/07/2012

TEXAS A&M UNIVERSITY - TEXARKANA
 COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
 MASTER OF SCIENCE DEGREE (MSN)
 MAJOR: NURSING

NAME: _____ CWID: _____

Requirements

Major Courses			<i>Completed</i>	<i>Yet Required</i>
NURS	501	Nursing Theory		
NURS	502	Nursing Issues, Policy and Ethics		
NURS	504	Nursing Research		
NURS	529	Nursing Informatics		
NURS	591	Research Project (6 SCH)		
OR				
NURS	595	Thesis (6 SCH)		
Required Courses for Administration Track				
NURS	520	Administrative Theories		
NURS	522	Healthcare Economics and Financial Management		
NURS	524	Healthcare Law and Policy		
NURS	535	Nursing Administration Practicum		
NURS	596	Healthcare Management		
	3 SCH	Elective in a graduate level course		

Total Semester Credit Hours (SCH) Required for Degree: 36

Admission Requirements

- BSN degree from a nationally accredited institution or has met the BSN transition pathway requirements
- Minimum of 3.0 GPA in the last 60 hours of an undergraduate degree program
- Letter of interest, commitment, and purpose for pursuing a master's degree
- Professional resume
- Supportive letters of evaluation from supervisors and professional mentors (Minimum of 2 required. Letters must be current and dated within 6 months of application.
- Minimum of 1 year experience as a Registered Nurse (RN)

Requirements must be submitted to the Graduate Studies office by the designated deadline of first semester of enrollment.

This worksheet is not a degree plan and should be used for informational purposes only.

Contact: 903-334-6661 or nursing@tamut.edu

COURSE DESCRIPTIONS

College of Business--Undergraduate Course Descriptions

Accounting (ACCT)

- 2301. Principles of Accounting I.** This course is an introduction to financial-accounting concepts and financial-statement reporting. The focus revolves around the creation, reporting, interpretation, and analysis of accounting information. Topics include the accounting cycle and underlying concepts, techniques for preparing and analyzing financial statements, and issues in accounting for assets, liabilities, and capital budgeting.
- 2302. Principles of Accounting II.** This course is a study of how management uses accounting data in planning, control, and decision-making to aid in achieving predetermined organizational objectives. Topics include budgetary planning, costing techniques, standard costs, compensation, and capital budgeting. **Prerequisite:** ACCT 2301
- 321. Intermediate Accounting I.** This course introduces accounting principles and procedures essential to the preparation of financial statements. Specific topics covered include present value concepts, cash and receivables, and inventories. **Prerequisite:** ACCT 2301 and 2302 with a minimum C grade.
- 322. Intermediate Accounting II.** This course is a continuation of Accounting 321 and includes such topics as fixed assets and depreciation, intangibles, liabilities, stockholders equity, earnings per share, and investments. **Prerequisite:** ACCT 321 with a minimum C grade.
- 323. Intermediate Accounting III.** This course is a continuation of Accounting 322 and includes such topics as revenue recognition, deferred taxes, pensions, leases, error analysis, cash flows, and full disclosure. **Prerequisite:** ACCT 321 with a minimum C grade.
- 324. Income-Tax Accounting.** This course addresses current federal income-tax laws and gives special attention to economic, social, and historic viewpoints. The course places major emphasis on the technical and accounting aspects, including the preparation of income-tax returns. **Prerequisite:** ACCT 2301 and 2302.
- 325. Managerial Accounting.** This course covers the application in business operations of accounting information for management decision making. The course integrates topics in cost determination, data processing, economic analysis, budgeting, and management and financial control. **Prerequisite:** ACCT 2301 and 2302.
- 421. Governmental Accounting.** This course discusses nonprofit accounting to include the fund-entity concept entities use primarily for accounting and financial reporting for municipalities, hospitals, colleges, and other nonprofit organizations. In addition, the course will cover partnership accounting to include income distributed, dissolution, and liquidation. **Prerequisite:** ACCT 321 with a minimum C grade.
- 422. Advanced Accounting.** This course covers the basics of preparing a consolidated income statement and balance sheet. **Prerequisite:** ACCT 323 with a grade of C or better.
- 424. Corporate Income-Tax Account.** This course gives students a basic understanding of the U.S. Tax Code as it pertains to Subchapter C corporations, Subchapter S corporations, and the taxation of partnerships. The course also gives the student a basic understanding of how to do income-tax research. **Prerequisite:** ACCT 324 with a minimum C grade.
- 425. Cost Accounting.** This course covers job-order and process-cost systems using actual or standard costs. Additional topics include overhead analysis, joint and by-product costing, and variance analysis. **Prerequisite:** ACCT 2301 and 2302 with a minimum C grade.
- 427. Auditing.** This course examines the basic principles and practices public accountants and internal auditors use in examining financial statements and supporting data. **Prerequisite:** ACCT 322 and 429 with a minimum C grade.
- 429. Accounting Systems.** This course covers the investigation, construction, and installation of accounting systems. Students will receive hands-on experience with a computerized accounting system. **Prerequisite:** ACCT 322 with a minimum C grade.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Business Computer Information Systems (BCIS)

- 1305. Business Computer Applications.** This course affords students hands-on experience using Microsoft Office to address business concerns. The course specifically addresses Word, Excel, Access, and Power Point applications through instruction, lab assignments, and presentations. Students should take this course during the first year of enrollment.

Business (BUSI)

2301. Business Law. This course covers the legal principles of business; legal reasoning; dispute resolution and procedure; contract law; bankruptcy law; and Uniform Commercial Codes sections concerning contracts, security interest, negotiable instruments, and sales.

Economics (ECON)

2301. Principles of Macroeconomics. This course examines the economic behavior of the aggregate U.S. economy. Major topics include fundamental macroeconomic principles, national employment, prices, economic growth, business cycles, and monetary and fiscal stabilization.

2302. Principles of Microeconomics. This course provides an introduction to the concepts and tools of microeconomic analysis. Major topics include fundamental microeconomic principles, price theory including supply and demand and marginal analysis, factors of production, costs of production, the demand for resources, industry structure, and the role of the government.

Finance (FIN)

325. Money, Banking, and Financial Markets. This course is a study of the American banking system—in particular, the Federal Reserve System and the tools it uses to control the economy. The course provides a study of the theories of fiscal and monetary policy. **Prerequisite:** ECON 2301 and 2302.

354. Financial Management. This course covers the organization, the instruments, and the methods of financing corporations with reference primarily to the effects on the corporation and its stockholders. Previously listed as FIN 454. **Prerequisite:** ACCT 2301 and 2302.

464. Principles of Investments. This course is an introduction to the basic principles of investing that includes the study of the behavior of securities markets mechanics of stock analysis and investing, decision-making techniques, and risk. **Prerequisite:** Fin 325 and 354.

470. International Finance. This course provides a study of the institutions and relationships of the international-financial system as it relates to the balance of payments, foreign-exchange risk, arbitrage, political risk, foreign investment and operations, global banking, and international-finance resources. **Prerequisite:** FIN 325 and 354.

474. Intermediate Financial Management. This course provides an advanced analysis of the sources and funds corporations use. Emphasis is on security-valuation techniques, long-term investment decisions, capital-structure decisions, and dividend policy. **Prerequisite:** FIN 325 and 354.

484. Financial-Institutions Management. This course discusses the practices and instruments of institutions comprising finance, industry, portfolio-investment policies, legal controls, growth developments, and management practices of financial institutions (particularly banks). **Prerequisite:** FIN 325 and 354.

489. Independent Study. This course provides individual instruction. Students may repeat the course when topics vary.

494. Security Analysis and Portfolio Management. This course provides an advanced evaluation of investment securities of both private and public institutions through external analysis of financial statements and economic conditions, risk and return analysis, and portfolio selection. **Prerequisite:** FIN 464.

496. Financial Derivatives. This course will cover a variety of basic finance topics and will apply these topics to health-care institutions, primarily hospitals. Instructors designed the course primarily for health-care supervision and management personnel with no formal training in finance. Due to the uniqueness of hospitals in regard to payment systems (DRG's), financial-statement presentations, etc., students who have already completed a basic finance course would find this course useful.

General Business (GBUS)

440. International Business. This course allows students to explore problems and challenges in international business. The course gives students the opportunity to visit with representatives of various international companies during a field trip.

450. Business Ethics. This course provides a study of ethical problems in business and the foundation for decisions involving ethical issues. Topics include ethical concepts, personal integrity, individual conscience, and company loyalty and responsibility conflicts as they impact the decision process in the functional areas of business.

456. **Social, Political, and Legal Environment.** This course provides a study of the social, political, and legal environments in which organizations must operate. The course places special emphasis on legal institutions, their impact upon the operation and performance of business and government, and ethical standards and their effect upon business and government.
470. **Internship in Business.** This is a directed internship that provides business students with the applications of business-related knowledge in an organization. The student receives hands-on experience under the joint guidance of a professional from an organization and a faculty supervisor. Students may repeat this course for an additional 3 hours. **Prerequisite:** Consent of instructor.
489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
497. **Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Management (MGT)

320. **Supply-Chain Management.** This course covers the management of the supply and purchasing functions. This course explores how to determine price, quality assurance, selection of suppliers, negotiation, supplier consultation and training, and the legal and environmental aspect of purchasing and supply.
321. **Organizational Behavior.** This course covers the study of human behavior in complex organizations with emphasis on individual, small-group, and inter-group behavior and how this behavior affects organizations and how the organization affects the behavior in pursuit of organizational goals.
326. **Labor Relations.** This course covers labor in the United States with emphasis on the historical development of unionism labor legislation, union structure, bargaining issues, contract negotiations and administration, and labor-management relations.
366. **Topics in Organizational Leadership.** Leading organizations in a contemporary business climate is increasingly complex. This course focuses on the complexity of today's organization and the application of leadership in this environment. Local organizational leaders' guest lectures comprise an important component of this class.
395. **Principles of Management.** This course provides a study of management principles that apply to all types of business organizations with special emphasis on planning, organizing, staffing, and controlling.
438. **Compensation Management.** This course provides a study of the total-compensation management systems. Financial considerations this course emphasizes include the environment of the employer organization, organizational policies, job analysis, job evaluation, and employee performance and appraisal. Students study non-financial compensation components from the viewpoint of the work environment and job design. **Prerequisite:** MGT 395.
439. **Business Strategy and Policy.** In this capstone course, students apply and integrate prior knowledge (i.e., accounting, finance, management, marketing, and economics). The course also focuses upon the strategic process: the systematic analysis of changing conditions and the adapting of goals, strategies, and policies to meet organizational opportunities and threats. The student must be a BBA major and in senior standing.
444. **Field Experience in Business.** Working with a business on a consulting basis, students identify and analyze problem areas while gaining experience in business problem solving and project management. Instructors expect students to define the project and use appropriate methodology. At the conclusion of the course, students prepare a formally written report and deliver an oral presentation to the business owner. **Prerequisite:** MGT 395.
446. **Entrepreneurship.** This course provides an examination of the characteristics of a successful entrepreneur as a person who has the need to build and create something new. Emphasis is on the application of entrepreneurship to small businesses, new ventures, established businesses, and franchises. **Prerequisite:** MGT 395.
465. **Production and Operations Management.** This course provides an introduction to the problems and practices involved in the manufacturing and service industry. Topics include production and operations strategies, facilities location and layout, production planning and scheduling, inventory management, and quality control. **Prerequisite:** MGT 395.
475. **Management Science.** This course provides a survey of modern quantitative techniques in business decision-making. The course includes the application of both deterministic and probabilistic models. **Prerequisite:** MATH 2342.

489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
495. **Human-Resource Management.** This course covers the principles, policies, and practices currently related to the organization and administration of a human-resource management department; employment, promotion, and retirement; comparative analysis of such human-resource practices as performance-evaluation instruments, job evaluation, safety, and welfare programs. **Prerequisite:** MGT 395.
498. **Human-Resource Selection.** Selection is the process of collecting and evaluating information about an individual in order to extend an offer of employment. Such employment could be either a first position for a new employee or a different position for a current employee. The organization performs the selection process under legal and environmental constraints and addresses the future interests of the organization and of the individual. **Prerequisite:** MGT 495.

Management Information Systems (MIS)

305. **Electronic Commerce.** This course provides a study of the practices and methods entities use in implementing electronic commerce business solutions. Topics will include logistics and support activities, electronic-data interchange, electronic supply-chain management, and implementation issues. The instructor will discuss auction process and web-auction strategies. **Prerequisite:** MIS 360.
308. **Project Management.** This course provides a study of the practices and methods entities use in managing projects. The instructor will discuss project elements such as scheduling, organizing, implementing, control, and assessment. The course focuses on using project-management techniques appropriate for information-systems projects. **Prerequisite:** MIS 360.
332. **Visual Basic Application Programming with Excel.** The course provides a study of automated worksheets to assist organizational decision-making. Topics include macro programming with VBA, management of multiple worksheets, importing and exporting data, and graphics. The course also addresses financial, statistical, and database functions. **Prerequisite:** BCIS 1305.
350. **Enterprise Operations Management.** This course provides a study of enterprise operations. Topics include backup strategies, disaster recovery, help-desk requirements, and asset management. Students will gain an understanding of how a data center should function in large corporation environments and in small data shops. The instructor will discuss planning tools for change control, outage, and the role of a hosted data center.
360. **Essentials of Management-Information Systems.** This course discusses the concepts of information-systems management. The course places emphasis upon the theory and practice related to the development and operation of information systems in organizations. Students should take the course during the first year of enrollment.
362. **Systems Analysis and Design.** This course provides a study of the methodology for analysis and design of a business-information system. The course places emphasis upon critical analysis of existing systems and design of computer-based systems. The course requires an actual systems analysis. **Prerequisite:** BCIS 1305.
366. **Fundamentals of Database Systems.** This course covers concepts of relational data models, query processing, and database design theory. The course places emphasis upon data normalization, structured query language (SQL), and application development. **Prerequisite:** MIS 360.
450. **Principles of Management-Information Security.** This course addresses aspects of information security. Topics include implications of databases, telecommunication systems, risk assessment, security policies, remote connections, authentication and prevention systems, foundations of cryptography, physical security issues, and appropriate counter measures. The instructor uses reading and cases to increase depth of content and analytical perspective concerning law and ethics. **Prerequisite:** MIS 360
489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Marketing (MKT)

363. **Marketing.** This course is an introductory course in marketing presenting the basic components of marketing including product promotion, pricing, and distribution of goods and services with a set of controllable and non-controllable environmental forces.
366. **Marketing Promotion.** This course provides an analysis of the promotion networks of business firms to external publics. The course places emphasis upon enabling students to appraise their effectiveness as marketing tools and to evaluate their social and economic significance. **Prerequisite:** MKT 363.

- 416. **International Marketing.** This course surveys the economic, cultural, and political-legal environments in which international marketing takes place and examines marketing functions and their adaptations to those environments.
- 436. **Marketing Research.** This course provides techniques of marketing research, research design, analysis and interpretation of marketing data, questionnaire building, and sampling methods. The course places emphasis upon selected applications of marketing research. **Prerequisite:** MKT 363.
- 445. **Retailing.** This course provides a study of managerial principles and practices of retail operations. This course covers store locations and layout, buying, pricing, promotion, services, and inventory control.
- 465. **Sales Management.** This course covers policies, operation, coordination, and control of marketing activities with special emphasis on the selection and direction of sales personnel.
- 467. **Consumer Behavior.** This course covers the development of an accurate and comprehensive understanding of the consumer buying process and the important psychological variables that influence that process. **Prerequisite:** MKT 363.
- 489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

College of Business--Graduate Course Descriptions

Accounting (ACCT)

- 524. **Legal, Regulatory, and Ethical Environment of Business.** The course provides a study of the legal, regulatory, and ethical environments in which organizations must operate. The course places special emphasis on legal and regulatory institutions, their impact on the operation and performance of business and government, and ethical standards and their effect upon business and government.
- 525. **Administrative Controls.** This course provides a study of the role of accounting in internal management of business firms. This course covers financial-statement analysis, fund-flow statements, essentials of job order, process-cost systems, and use of standards and budgeting primarily from the standpoint of manufacturing operations. **Prerequisite:** ACCT 2301, 2302 and ACCT 526.
- 526. **Accounting for Managers.** This course covers financial and managerial accounting issues that confront economic entities. This course especially applies to graduate students who will eventually use, rather than prepare, accounting reports. (Note: Students who graduated with a degree in accounting should not take this course.)
- 589. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Economics (ECO)

- 576. **Macroeconomic Theory and Policy.** This course analyzes the use of various instruments of monetary and fiscal policy and their effects on employment, prices, economic growth, and the balance of payments. **Prerequisite:** ECON 2301 or ECO 577.
- 577. **History of Economic Thought.** This course is a seminar in the development of economic thought. The purpose of this course is to acquaint the student with economists who have played an important role in the evolution of economic philosophy and theory.
- 589. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary. **Finance (FIN)**
- 531. **Finance for Energy Professionals.** This course identifies the organization, instruments, and methods of corporate finance with consideration of the effects on the organization and its stakeholders. NOTE: Enrollment is limited to students in the MBA Energy Leadership track.
- 545. **Finance for Managers.** This course covers cash-flow estimation, capital budgeting, time value of money, and valuation of stocks and bonds.
- 565. **Managerial Finance.** This course provides an analysis of how financial markets operate and how entities determine security prices in these markets and provides a base for explaining how financial management can affect the value of the firm. This course emphasizes methods of risk analysis and discounted cash-flow techniques. This course uses cases. **Prerequisite:** FIN 354, 531, or 545.
- 589. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary. **General Business (GBUS)**
- 597. **Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Management (MGT)

- 501. Business Simulation.** This course integrates special areas of business administration as students, in a dynamic environment, analyze data and make decisions by focusing on competitive strategy in a global-market arena. The course immerses students in dynamic data, using computer-processed management simulation, to demonstrate the application of theory in the identification and solution of operational and strategic business issues.
- 508. Strategic Planning.** This course provides an overview of strategic planning including its nature, scope, and development as a critical area of management education and of the steps in the strategic-planning process.
- 510. Leadership in Management.** The course examines models of leadership in organizations and allows the student to explore leadership in personal, group, strategic, and global contexts. The course uses a flexible leadership model to help students and practicing managers understand and apply the principles of leadership.
- 515. Production and Operations Management.** This course provides an introduction to the management of production and operations functions in manufacturing and service organizations. This content includes the development of problem-solving and decision-making skills directed towards structuring complexity and uncertainty. The course gives special emphasis to the strategic impact of production and operations decisions and the interfaces between operations and the other functional areas of a firm.
- 527. Managerial Strategy and Policy.** This course is a capstone course requiring the application and integration of principles from various business disciplines including accounting, finance, marketing, management, and economics in the solution of managerial problems and the development and implementation of corporate strategies in a changing environment. NOTE: Students should take this course in the last semester of the program.
- 531. Management Strategy in the Energy Industry.** This course identifies current issues and potential problems that can impact growth and sustainability of ventures in the energy industry. To address these issues and minimize the impact of potential problems, the course provides a model and process for strategic planning including its nature, scope, elements, and development as a critical area of management in the industry. NOTE: Only students in the MBA Energy-Leadership track may enroll in this course.
- 540. International Business.** This course provides an examination of the opportunities and challenges associated with doing business in the international arena. The course places special emphasis upon strategies and structures of international business, the implications of international business for the functional areas of the firm, the complexity of managing and marketing in the international context due to environmental diversity, the management of financial and political risk, the international allocation of financial and productive resources, and the multinational firm.
- 575. Management Science.** This course introduces a variety of quantitative techniques for management decision-making problems. The course places emphasis upon how to formulate a real-world problem into an appropriate mathematical model and how to derive a solution to the established model. The course focuses on linear deterministic models and requires hands-on use of some computer-software packages.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 592. Human-Resource Methods.** This course is a graduate seminar for the study of selected procedures in human-resource management such as job analysis, wage and salary surveys, fringe-benefit administration, selection techniques, and performance-appraisal systems.
- 594. Organizational Behavior.** This course provides a study of significant behavioral science research and the practical applications of this research in managing individuals and organizations. Primary topics include group dynamics, organizational development, motivation, decision-making, leadership, and personal growth and development. Instructors use lectures, readings, cases, simulation exercises, and role-playing.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Management Information Systems (MIS)

- 552. Information-Systems Management.** This course examines the information systems and technology topics that enable managers to make informed decisions regarding the application and implementation of technology in an organization.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

- 505. **Services Marketing.** This course focuses on problems and strategies specific to service businesses. The course will address problems such as the inability to inventory, difficulty in synchronizing demand and supply, and difficulty in controlling quality. Instructors will discuss strategies successful services marketers use to overcome these difficulties.
- 521. **Marketing Management.** This course is an advanced marketing course that uses an analytical approach to solving marketing problems involved in goal setting, planning, and strategies as they apply to product policy, pricing objectives, promotional objections, distribution policy, and marketing research.
- 589. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

COURSE DESCRIPTIONS

College of Education and Liberal Arts--Undergraduate Course Descriptions

Applied Arts and Sciences (AAS)

- 390. **Psychology of Work. (1 SCH)** This course examines the psychological impact of work on the individual through a study of the nature of work, job satisfaction, motivation, communication, behavioral styles, and career development. Students will assess individual personality traits, learning styles, and work skills and develop career goals. In addition, the instructor will guide students through the portfolio-compilation process to enable them to develop a portfolio of work and life learning for credit evaluation. **Prerequisite:** Students must be enrolled in the BAAS program and have completed ENG 340.
- 489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 490. **Action-Research Strategies.** As the summative course of the BAAS program, this course requires that students develop a research project with instructor approval. Because of the interdisciplinary nature of the BAAS degree program, instructors and students will design individualized plans of research for each participant. Students will complete the following: (1) develop a research agenda on an approved topic; (2) conduct both a literature review and an action-research plan of the topic within the context of a specified setting; and (3) complete both an oral and a written report. **Prerequisite:** ENG 340 and senior standing.

Art (ART)

- 369. **Principles and Elements of Fine Art.** This course focuses on knowledge (terminology and concepts) teachers need to effectively teach EC-6 arts standards using visual art, music, and drama. The course instructs the student as to basic materials, tools, and skills needed to appropriately facilitate student creative expression and performance. Creativity is an important component of intelligence, and the course examines reaching one's highest academic potential as well as understanding why cultures create and use art.
- 415. **Impression and Post-Impression Art.** This course examines Impressionism—the artistic movement during the second half of the nineteenth century. The convergence of social, artistic, technological, political, and commercial forces will define the characteristics of this art movement. The course will explore both subject choices and artistic techniques within a larger context of political, social, and cultural history. Students will examine the relationship between the impressionists and post-impressionist painting of artists. Students will also study artists that lived in France and took the style to their countries. The study of key French and American impressionistic artists provides students with the opportunity to strengthen their visual and analytical skills—skills that are fundamental to being a successful student, historian of art, and mentally active individual. Cross listed with ART 515.
- 420. **European Art History.** This course focuses on the art of Western Europe from the middle ages to the 21st century. The instructor presents representative examples from the visual arts and architecture in their historical and social context. The course will enhance the students' appreciation of Western Art and enrich the understanding of art in general.
- 489. **Individual Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Arts (ARTS)

- 1301. Art Appreciation.** This is a general course in art appreciation open to all students. The course explores the relationship and influences of the visual arts on the individual and culture. The course emphasizes the development of aesthetic judgment: learning how to look at art and evaluate it thoughtfully.

Bilingual Education (BE)

- 356. Second-Language Acquisition.** This course surveys research on second-language acquisition of school-age children. It focuses on the relationship between second-language acquisition research and classroom learning and teaching. The course also helps students develop both a strong theoretical foundation with regard to second-language acquisition and the acute analytical skills teachers require to consider critically such theory in order to make decisions in their classrooms.
- 400. Foundations of Bilingual and ESL Education.** The course studies the conceptual, linguistic, sociological, historical, political, and legal foundations of bilingual and ESL education. It also presents an in-depth study of the goals and principles of bilingual and ESL education as well as the types of bilingual and ESL programs. The course requires students to pass the ESL Supplemental test (TeXes 154) and the Bilingual Supplemental test (TeXes 164) required for the bilingual certification.
- 420. Bilingual Target-Language Proficiency.** The course is a general introduction to the study of the Spanish language. It provides students with a fundamental understanding of Spanish phonetics, phonology, syntax, morphology, semantics, and orthography. The course emphasizes the mastery of standard Spanish and Spanish for use in bilingual classrooms. The course prepares students to pass the Bilingual Target Language Proficiency Test (BTLPT)—Spanish (TeXes 190) required for the bilingual certification.
- 470. Bilingual Assessment and Monitoring.** This course prepares teachers to meet Bilingual Education Standard IV (“The bilingual educator has a comprehensive knowledge of the development and assessment of literacy in the primary language.”) and Bilingual Educator Standard V (“The bilingual educator has a comprehensive knowledge of the development and assessment of biliteracy.”). To achieve these competencies, students must fulfill the course objectives and participate in field-based work in assessment and monitoring of children in the process of acquiring a second language. **Prerequisite:** BE 474 and Spanish proficiency at the 200 level.
- 472. Bilingual and Dual-Language Methodologies.** The course studies the process of first- and second-language acquisition. It surveys the conditions for the development of the second language and the factors that affect second-language acquisition. It also deals with the application of effective teaching strategies in the English as a Second Language (ESL) classroom—strategies for the development of communicative competence (listening and speaking) and reading and writing skills and for the assessment of the second language. The course requires students to pass the ESL Supplemental test (TeXes 154) and the Bilingual Supplemental test (TeXes 164) required for the bilingual certification. **474. Biliteracy for Bilingual and Dual-Language Classrooms.** This course studies the conditions for developing literacy in the first language (L1) and second language (L2) and the design and implementation of instructional strategies for developing literacy and biliteracy. It focuses on the research, strategies, and material related to teaching reading comprehension in the bilingual and the ESL classroom and on the reading-writing connection. The course deals with the application of state-educator certification standards in reading and language arts in grades EC-4 and the distinctive elements in the application of the standards for English and for L1 to promote bilingual students’ literacy development in L1. It studies the application of the statewide language-arts curriculum for Spanish LA and ESL in grades EC-4 as specified in the TEKS to promote bilingual students’ L1- and L2-literacy development.
- 476. Content Area Instruction for Bilingual Programs.** This course presents theory and methodology for content-area instruction in bilingual and mainstream classrooms. It focuses on the development of language through content-area instruction as well on strategies for teaching content areas to learners of English, particularly mathematics, science, and social studies. Participants in this course will develop effective teaching strategies to prepare English Language Learners (ELLs) to be successful in mainstream classrooms. Pre-requisite: BE472 with a minimum grade of C.
- 489. Individual Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 491. Resident Teaching Bilingual and Spanish.** This course provides practical work in the public school for students in the traditional Teacher Preparation Program (TPP). Teacher candidates participate for 15 weeks in an EC-6 setting in the generalist classroom and bilingual or bilingual and ESL classroom. An Instructional Leadership Team (ILT) directs teacher-candidate instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current topics.

Prerequisite: Admission to the Teacher Preparation Program (TPP), completion of all professional education courses, recommendation of a TPP interview panel. Instructors grade students on a Satisfactory (S) or Unsatisfactory (U) basis for 3 SCH.

Criminal Justice (CJ)

- 1301. Introduction to Criminal Justice.** This course is a survey of U.S. law enforcement, courts, and corrections at the federal, state, and local levels. The course includes research, analysis, and writing tasks appropriate to freshman-level development as well as explorations of criminal-justice education and career options.
- 310. The Juvenile Justice System.** This course covers the history and development of traditional and current methods for responding to the needs of the juvenile offender; juvenile practices and procedures; juvenile law; and the role of the police and other involved agencies.
- 315. Law and Society.** This course covers social problems in a legal context. Students discuss the nature, functions, limitations, and objectives of law in relationship to such problems as poverty, drug addiction, abortion, euthanasia, and mental illness; the changing role of the law in attempts to solve social problems; and ethical issues in criminal justice. Cross-listed with SOC 315.
- 320. Deviance and Deviant Behavior.** This course introduces the general phenomena of social deviance and gives primary emphasis to non-criminal deviants and deviations and victimless crimes including mental disorders, drug use, prostitution, and homosexuality. The course places special attention on the scope of the field and other theoretical issues. **Prerequisite:** SOCI 1301. Cross-listed with SOC 320.
- 325. Crime and Delinquency.** This course provides a study of the meaning, nature, and extent of crime and delinquency, including analysis and evaluation of preventive and treatment methods. The course emphasizes theories of crime and delinquency causation. **Prerequisite:** SOCI 1301. Cross-listed with SOC 325.
- 330. Institutional Corrections, Theory, and Practice.** This course provides examinations of the historical development of corrections, including concepts of punishment and rehabilitation, with emphasis on institutional corrections from conviction to release. Cross-listed with SOC 330.
- 340. Criminal Law and Procedure.** This course covers the history and philosophy of modern substantive criminal law with an emphasis on the Texas Penal Code. The course provides definitions and elements of principle crimes, criminal liability, and defenses to criminal penalties.
- 350. Types of Crime.** This course provides a detailed analysis of four major categories of crime: white collar, street crime, organized and consensual crime, and violent crime.
- 360. Probation, Parole, and Community Corrections.** This course provides a survey and analysis of probation and parole as well as other community-reintegration efforts such as boot camps, halfway houses, restitution centers, electronic monitoring, and other community-centered programs.
- 380. Ethnic and Cultural Minorities.** This course will explore the ways in which ethnicity, culture, race, class, and gender influence people's individual and social lives. It will include relevant theories in the field and examine several ethnic and cultural minorities in the United States. The course includes discussion of minority status to crime and justice issues. **Prerequisite:** SOCI 1301. Cross-listed with SOC 380.
- 400. Internship.** This course offers supervised experience in a criminal-justice agency. The course offers participant observation and hands-on experience that provides the opportunity to integrate theory and practice (3-9 SCH). Only 3 SCH apply to the major. To receive 9 SCH, the student must work full-time 3 months during either the summer or a long semester. A student may earn a maximum of 9 SCH for an internship, with only 3 SCH counted for the major. **Prerequisite:** Senior standing.
- 420. Administration of Criminal-Justice Agencies.** This course provides an analysis of modern administration theory and management principles and their application to the unique operating problems of criminal-justice organizations.
- 421. American Law-Enforcement Studies.** This course focuses on historical developments and problematic issues in law enforcement. In addition to long-term intransient issues, it examines contemporary issues based on recent and ongoing events. Cross-listed with CJ 521.
- 430. Constitutional Issues: Rights of Accused and Convicted Offenders.** This course offers an examination of state and federal constitutional rights and guarantees for the offender; rights and privileges of incarcerated offenders; and constitutional rights of juveniles.
- 454. Research Techniques in Criminal Justice.** This course provides an introduction to research methods and computer applications in criminal justice. The course covers word processing, electronic spreadsheets, and an introduction to major criminal-justice databases.

460. **Civil Disruption, Terrorism, and Mass Violence.** This course provides an examination of historic and current trends in civil disruption from a domestic and an international perspective and from civil disobedience to more violent means of dissent or revolt.
470. **Police and Community Relations.** This course provides an examination of the interface between the police and the community they serve. Topics under consideration include civilian review boards, deadly force, police corruption, community-oriented policing, the police and other community agencies that serve the public, and crime-prevention methods versus traditional policing that responds after a someone commits a crime.
472. **Introduction to Forensic Science.** (3 SCH, 2-2) This course is the study of basic concepts, techniques, practices, and procedures of criminalistics, including the most current technologies in forensic analysis. Students will discuss criminal investigation of actual cases with a minimum of scientific terminology. In addition, the instructor will emphasize the nature of physical evidence, including the use of DNA profiling. Instructors strongly recommend this course for Criminal Justice majors and Pre-Allied Health track students in Biology. **Prerequisite:** Junior or Senior standing. Cross-listed with BIOL 472 and CHEM 472.
480. **Criminological Theories.** This course describes the role of theory in crime scholarship. It surveys the major schools of thought related to crime causation (sociological, psychological, and biological) and particular theories about crime and delinquency, places these theories in historical context, and reviews some of the primary assumptions of the theories and conclusions reached from criminology research.
485. **Seminar in Criminal Justice.** This course provides students with a detailed understanding of the various agencies that makeup what the government refers to as the criminal-justice system in America. The course emphasizes how the organization, management, goals, and objectives of each agency affect administration of justice.
489. **Individual Study.** This course provides individual instruction. Students may repeat the course when topics vary.
497. **Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Drama (DRAM)

1310. **Introduction to Theatre.** This course is a general survey of the major fields of dramatic art examined through historical perspective. The course emphasizes the various types and styles of scripts, notable playwrights, elementary theory for acting and directing, and basic techniques for costuming, lighting, makeup, and set design. This course is for drama majors and non-majors, and it satisfies the core-curriculum requirements for 3lower-division SCH in visual and performing arts.
1351. **Acting I.** This course examines the principles of acting including following stage directions, using stage areas, developing the coordination of voice and body, and practicing improvisation in scenes from plays. Students will gain practical experience with acting by working with college productions.
310. **Theatre History I.** This course examines representative works of drama from ancient times through the Renaissance using historical, philosophical, and structural filters to investigate social themes.
311. **Theatre History II.** This course examines representative works of drama from the Enlightenment through the current era using historical, philosophical, and structural filters to investigate universal social themes.
335. **Playwriting I.** This course promotes the development of playwriting skills by examining principles of characterization, dialogue development, and scene structuring.
450. **Studies in Genre (Drama).** This course examines representative works of United States musical drama from the nineteenth century to contemporary times using historical, philosophical, and structural filters to investigate universal social themes.
489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Early Childhood Education (ECE)

401. **History and Foundations of Early Childhood.** This course is a study of the history of early childhood educational movements and the impact of past and present educational philosophies on the development of childhood education. **Prerequisites:** ED 311, PSYC 2308 or PSYC 2314 and ED 321 or may be taken concurrently.
489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Education (EDUC)

- 1301. Introduction to the Teaching Profession.** This course introduces the student to teaching as a career choice. This course examines student diversity within American public schools and changes in American society that influence classrooms. Students will explore foundations in education and the complexities in the teaching profession. The field experience component will include 16 hours of structured observations and participation in public schools.
- 2301. Introduction to Special Populations.** This course introduces the student to the foundations of multicultural education. This course explores education in a changing society as well as historical and theoretical perspectives on multicultural education. It focuses upon diversity in the classroom including culturally and linguistically diverse learners, students who are at-risk for failure, and exceptional learners. The field-experience component includes 16 hours of structured observations and participation in the schools to examine multicultural teaching in action. This course applies to EC-12 majors with special populations.

Education (ED)

- 311. Growth and Development for Early Childhood to Grade 12.** This course presents theories of children's growth and development along with their relationship to learning and teaching. Students study cultural, emotional, physical, intellectual, and learning differences for their impact on learning abilities and educational opportunity.
- 321. Foundations of Education.** This course presents theories of learning along with their impact on strategies for effective teaching. Students study educational measurement and evaluation that schools use. The course addresses theories relevant to the use of media and technology. **Prerequisite:** Students must complete online Teacher Preparation Orientation.
- 331. Classroom and Behavior Management.** This course presents best practices in classroom and behavior management from organizing time, materials, and classroom space to strategies for managing individual- and large-group student behaviors, transitions, lab activities, and other arrangements for the classroom in general and special education. The course will present basic federal and state laws as they pertain to the legal procedures for all teachers, including teachers of students with disabilities and ESL students. This course will prepare the university student to feel confident and to know and fulfill their professional and legal responsibilities not only on the first day of school but also for the entire school year. **Prerequisite:** Admission to the Teacher Prep Program.
- 403. Early Childhood and Elementary Curriculum.** This course addresses the components of Reading and Language Arts, Mathematics, Science, Social Studies, Fine Arts, and Physical Education. Students will explore the scope and sequence of each content area. The course will address the related issues of classroom management, technology, materials, and elementary-teaching strategies as they differ and support each content area. This course is an overview of all curricular issues as they relate to classroom teaching in grades pre-kindergarten through sixth.
- 435. Curriculum.** This course covers the philosophy and design of curriculum in today's schools. The course will address unit planning, including assessing information through traditional sources as well as the new technologies. This course requires a field-experience component. **Prerequisite:** Admission to the Teacher Prep Program.
- 478. Internship in Teaching (EC-6).** This course provides supervised experiences in the Early Childhood-6 classroom for students on Probationary Certificates. Students must earn a total of 6 SCH of internship. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis.
- 479. Internship in Teaching (4-8).** This course provides supervised experiences in the grades 4-8 classroom for students on Probationary Certificates. Students must earn a total of 6 SCH of internship. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis.
- 480. Internship in Teaching (8-12).** This course provides supervised experiences in the grades 8-12 classroom for students on Probationary Certificates. Students must earn a total of 6 SCH of internship. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis.
- 486. Methods of EC-6 Math, Physical Education, and Science.** This course is a field-based methods course that engages students in learning experiences directly in an EC-6 setting as well as in the classroom. The content areas the course covers include mathematics, physical education, and science. **Prerequisite:** Admission to the Teacher Prep Program.
- 487. Methods of EC-6, Social Studies, Language Arts, and Fine Arts.** This course is a field-based methods course that engages students in learning experiences directly in an EC-6 setting as well as in the classroom.

The content areas this course covers include language arts, social sciences, and fine arts with emphasis on the integration of the various content areas. The course addresses strategies to differentiate instruction for English language learners and students with exceptionalities. **Prerequisite:** Admission to the Teacher Prep Program.

- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 491. Student Teaching EC-6.** This course provides practical work in the public school for students in the traditional Teacher Preparation Program (TPP). Teacher candidates participate for 15 weeks in an EC-6 setting. An Instructional Leadership Team (ILT) directs and supervises teacher-candidate instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current educational topics.
- 492. Grades 4-8 Teaching Practicum.** This course provides practical work in the 4-8 public-school setting, which includes student teaching for the traditional Teacher Preparation Program (TPP). Student teachers participate for 15 weeks in a 4-8 setting. An Instructional Leadership Team (ILT) directs and supervises teacher-candidate instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current educational topics. **Prerequisites:** Admission to the Teacher Preparation Program (TPP); completion of all professional education courses for TPP student; and recommendation of a TPP interview panel. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis for 6 SCH.
- 493. Grades 7-12 Teaching Practicum.** This course provides practical work in the 7-12 public-school setting, which includes student teaching for the traditional Teacher Preparation Program (TPP). Student teachers participate for 15 weeks in a 7-12 setting. An Instructional Leadership Team (ILT) directs and supervises teacher-candidate instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current educational topics. **Prerequisites:** Admission to the Teacher Preparation Program (TPP); completion of all professional education courses for TPP student; and recommendation of a TPP interview panel. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis for six SCH.
- 494. Student Teaching EC-6 II.** This course provides practical work in the public school for students in the traditional Teacher Preparation Program (TPP). Teacher candidates (student teachers) participate for 15 weeks in an EC-6 setting. An Instructional Leadership Team (ILT) directs and supervises teacher-candidate instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current education topics. **Prerequisite:** Admission to the Teacher Prep Program and concurrent enrollment in BE 491 or SPED 475.
- 495. Co-Teaching Field Experience.** (2 SCH). This course is a project-based, practical-application course in the public school for students in the co-teaching preparation program. Teacher candidates participate for 15 weeks in an EC-6 setting. **Prerequisite:** Admission to the Teacher Prep Program.
- 496. Co-Teaching Clinical Teaching.** (4 SCH). This course is a continuation of ED 495 and continues in the assigned public-school classrooms for students in the co-teaching program. Teacher candidates (student teachers) participate for 15 weeks in an EC-6 setting and work collaboratively with the classroom teacher. An Instructional Leadership Team (ILT) directs and supervises teacher-candidate instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current education topics. **Prerequisite:** Admission to the Teacher Prep Program
- 497. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

English (ENGL)

- 0300. Developmental Writing: Foundations of Writing and Critical Thinking.** This course provides an introduction to the fundamental concepts of writing and the process of implementing critical-thinking skills through the writing process. The students will examine fundamental structures in writing—the word, the sentence, and the paragraph—and how to synthesize their thoughts into those structures. Students who fall below the minimum scores on the entrance assessment must enroll in ENGL 0300.

Integrated Reading and Writing (INRW)

- 0398. Integrated Reading and Writing I.** This course is a combined 3-hour lecture and lab performance-based course that develops students' critical-reading and academic-writing skills by building fundamental reading skills through an increase in comprehension, vocabulary, study skills, and speed; providing an intense

overview and review of the basic elements of modern-English usage; and honing writing experience with attention to the basic mechanical and structural elements of the writing process. Students who do not score satisfactorily in reading and writing on the TSI must take IRW I. **Prerequisites:**

RDG 0300 or ENG 0300 with the minimum grade of C or equivalent scores on an approved placement test.

- 0399. Integrated Reading and Writing II.** This course is a combined 3-hour lecture and lab performance-based course that develops students' critical-reading and academic-writing skills by building intermediate reading skills through an increase in comprehension, vocabulary, study skills, and speed; providing an intense overview and review of the intermediate elements of modern English usage; and honing the writing experience with attention to the intermediate mechanical and structural elements of the writing process. Students who do not score satisfactorily in reading and writing on the TSI must take IRW II. **Prerequisites:** IRW 0398 or RDG 0301 or ENG 0301 with the minimum grade of C or equivalent scores on an approved placement test.

English (ENGL)

- 089. Independent Study in Developmental Writing.** This course provides individual instruction. Students may repeat the course when topics vary.
- 1301. Composition I.** This course helps students understand and develop their writing, reading, and thinking skills through the creation and rhetorical study of personal and scholarly texts. It includes a focus on the principles and techniques of written, expository, and persuasive texts and critical thinking.
- 1302. Composition II.** This course builds on those skills developed in English 1301 and assumes a satisfactory level of student competency in composition. Additionally, as in English 1301, this course helps students understand and develop their writing, reading, and thinking skills through the creation and rhetorical study of personal and scholarly texts. English 1302 requires more extensive and analytical reading and writing than English 1301.
- 2321. British Literature.** This course serves as an introductory survey of the major authors in British literature from the Old English period to the present. The course includes a variety of genres and considers the works as intellectual, cultural, and aesthetic creations and requires students to apply interpretive skills in writing about pieces of literature and to be aware of the traditional literary periods. English majors and non-majors may take this course, which satisfies the core-curriculum requirement for 3lower-divisionSCH in Creative Arts.
- 2326. American Literature:** Survey of American Literature consists of reading and analyzing significant works of American literature from the Colonial Period through the present. The objective of the course is to enable students to appreciate literature by developing their critical and aesthetic senses and by acquainting them with the rich, literary heritage of the United States. English majors and non-majors may take this course, which satisfies the core-curriculum requirement for 3lower-divisionSCH in Creative Arts.
- 2331. World Literature:** This is a survey of the major works of literature produced across the world from early civilizations to present, focusing on major periods. Students who take this course will increase their awareness of historical cultures; sharpen their critical reading, thinking, and writing skills; and deepen their cultural sensitivity. English majors and non-majors may take this course, which satisfies the core-curriculum requirement for 3lower-divisionSCH in Creative Arts.
- 2340. Writing across the Curriculum.** This course helps students understand and develop their writing, reading, and thinking skills across the disciplines through the creation and rhetorical study of personal and scholarly texts. The course includes a focus on the principles and techniques of written, expository, and persuasive texts and critical thinking across the curriculum.
- 2351. Creative Writing.**
- 2360. Introduction to Literary Studies.** This course is an examination of the fundamental principles of literary study with special attention to critical approaches to language and literature, bibliography and research, and writing in the discipline. As an introduction to literary study designed for English majors, this course stresses proper literary terminology, literary theory, and analytical writing; the tools of a successful English major.
- 289. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

English (ENG)

- 305. Children's Literature.** This course is a survey of chapter books for children (EC-6), children's poetry and songs, the history of children's books, picture books and their illustrators, and traditional storytelling (fables, fairy tales, folktales, myths, and parables).
- 306. Young-Adult Literature.** This course provides a survey of young-adult literature.
- 312. Shakespeare.** This course offers a study of the author's plays with special attention devoted to major and better-known works.
- 320. Understanding Grammar.** This course engenders improved application and understanding of English grammar by using traditional sentence diagramming to review fundamental principles of grammar and mechanics.
- 340. Advanced Expository Writing.** This course advances individual writing ability by focusing upon analytical and rhetorical strategies through various exercises and the production of compositions. **Prerequisite:** ENGL 1301 and 1302.
- 345. Advanced Composition for Educators.** Participants will refine their writing skills, developing techniques and resources to improve their own writing as well as that of their students. **Prerequisites:** ENGL 1301 and 1302 with C or better.
- 350. Technical Writing.** This course emphasizes the principles of composition, document design, and rhetoric applied to primary genres within scientific, technical, and professional writing. **Prerequisite:** ENGL 1301 and 1302 with a C or better.
- 424. History and Grammar of the English Language.** Participants will cover topics, which include the basic features of human language; a historical study of English; and a study of English phonology, morphology, and syntax.
- 430. Sense and Sensibilities: Studies in Women's Literature.** This course provides a study of the various images of women in literature with an emphasis on the twentieth century.
- 441. Advanced Survey of American Literature I.** This course provides a study of the development of American literature from its beginnings to the late nineteenth century.
- 442. Advanced American Literature.** This course provides a study of specific eras of American literature. Topics will vary.
- 445. Advanced World Literature.** This course provides a study of specific eras of World literature. Topics will vary.
- 450. Studies in Genre.** This course provides an advanced study of one of the following literary genres: short story, film, poetry, drama, and international literature. Students may repeat the course when topics vary.
- 471. Advanced Survey of British Literature I.** This course explores the development of English literature from its beginnings to 1800.
- 472. Advanced British Literature.** This course provides a study of specific periods of British literature. Topics will vary.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 491. Capstone in English Studies.** (1 SCH) This course provides a review of English studies with emphasis on critical approaches to literature, literary terminology, and the characteristics and major writers of literary periods. **Prerequisite:** Students must take this course during the final semester of the bachelor's-degree program in English.
- 497. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

English as a Second Language (ESLI)

- 1000. Individual Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Geography (GEOG)

- 1303. World Regional Geography.** Students study both the developed and developing regions of the world with emphasis on an awareness of prevailing conditions and emerging issues, including the diversity of ideas and practices in various regions. Major topics include culture, religion, language, landforms, climate, agriculture, and economic activities.
- 413. Cultural Geography.** This course involves an in-depth study of major topics in human and cultural geography, including religious values in the landscape, the political partitioning of earth space, and an

exploration of the spatial aspects of popular culture. The instructor will involve students in the selection of topics.

Government (GOVT)

- 2107. Federal and Texas Constitution.** This course is a study of the United States and state constitutions with specific emphasis on Texas. **Prerequisite:** Instructor permission required.
- 2301. American Government: Federal and Texas Constitutions.** This course, with GOVT 2302, comprises an introduction to the study of politics and government in the United States and Texas. This course examines the development and application of U.S. and Texas constitutional governments. Topics will include political theory, U.S. and Texas constitutions, federalism, civil liberties and civil rights, different branches of government, and policy making.
- 2302. American Government II. Federal and Texas Political Behavior.** This course, along with GOVT 2301, comprises an introduction to the study of politics and government in the United States and Texas. This course examines the evolution and current state of political behavior. Topics include an examination of political culture, public opinion, the media, political participation, voting, campaigns, elections, political parties, and groups.
- 2305. Federal Government.** This course is an introduction to United States government and politics with emphasis on U.S. Constitution, founding, federalism, voting, political parties, media, interest groups, mass movements, Congress, presidency, courts, civil rights, civil liberties, and foreign policies.
- 2306. Texas Government.** This course is an introduction to the study of state and local politics, government, and intergovernmental relations in the United States with attention to the Texas Constitution, government, and politics.

History (HIST)

- 1301. United States History I.** This is a course that studies the historical development of the United States to 1877. Students will study the people, events, and ideas that influenced United States history in the Colonial, Revolutionary, Early National, Jacksonian, Civil War, and Reconstruction eras. Readings, lectures, and discussions will consider the American experience as a unique experiment in enlightened liberty and self-government.
- 1302. United States History II.** This is a course on the historical development of the United States since 1877. Students will study the people, events, and ideas that influenced United States history in the Gilded Age, Progressive Era, Roaring Twenties, Great Depression, New Deal, Second World War, and Postwar eras. Readings, lectures, and discussions will consider the American experience as a unique experiment in enlightened liberty and self-government.
- 2321. World Civilization I.** This course surveys world civilizations from the appearance of settled agricultural societies to the sixteenth century.
- 2322. World Civilization II.** This course surveys the major political, cultural, economic, social, and intellectual developments from 1500 to the present.
- 310. The Ancient World.** This course is a survey of Mediterranean civilizations to the fall of the Roman Empire with emphasis on the histories of Greece and Rome.
- 312. Medieval Civilization.** This course is a survey of the heritage of the Middle Ages with emphasis on the growth of political, social, economic, cultural, and religious institutions.
- 314. Renaissance and Reformation.** This course covers the nature and origin of the religious, social, economic, cultural, and religious institutions.
- 328. Colonial and Revolutionary America, 1492-1789.** This course covers the development of the British colonies in North America through the eighteenth century, the American Revolution, and the establishment of the institutional foundations of the new American Republic during the Confederation period.
- 330. History of Nazi Germany.** This course examines the social, economic, and political forces that led to the rise of the Nazi Party in the 1920s, its seizure of power in the 1930s, and its downfall in the 1940s after initiating a devastating world war. Students will analyze why so many Germans followed Adolf Hitler's leadership. They will also examine other topics such as anti-Semitism, the collapse of democratic Weimar Republic, World War II, and the Holocaust.
- 345. The World of King Arthur and Robin Hood: Ancient and Medieval Britain.** This course examines the history of the British Isles from the period of Julius Caesar through the death of Richard III. The course focuses upon social, cultural, religious, economic, and political developments. Topics will include the

- Romanization of Britain, the development of the Anglo-Saxon kingdoms, the King Arthur legend, English colonization in the British Isles, and Britain's place in the broader European environment.
350. **The History of the Vietnam War through Narrative Film.** This course studies America's involvement in the Vietnam War from the 1940s to the 1970s and the legacy of the war in Southeast Asia and in America to the 21st century. Participants will study these events through lectures and discussions and through narrative films that provide an historical perspective of the war.
352. **Europe, 1920 to the Present.** This course provides an interpretation of the far-flung events and movements of European history since the First World War. The course places special emphasis on the rise of Communism, Fascism, Nazism, the Second World War, the Cold War, and recent developments in European history.
416. **Sex, Swords, and Sorcery: The Medieval World in Film.** The Medieval World has been fascinating audiences of cinema since the earliest days of Hollywood. From figures such as King Arthur and Robin Hood to settings such as Camelot and Gondor, film-makers have remade the Middle Ages to suit their own interests and ideals. This course allows students to view and analyze a number of films about the medieval period, medieval characters, or medievalia (such as *Lord of the Rings*) in order to better understand how and why people consistently reimagine the Middle Ages.
419. **American Social and Intellectual History.** This course provides a survey of the social and intellectual currents and ideas that influence and inform the American people.
428. **The United States in the Twentieth Century.** This course develops students' understanding of the various forces that influence contemporary society. The major themes of industrialization and international involvement provide the framework within which modern America emerges on the world scene.
434. **The Civil War and Reconstruction, 1850-1877.** This course covers the political, social, and constitutional origins of the American Civil War; military, political, and social history during the war years; and the reconstruction of the Southern States.
450. **Latin America-The Colonial Era.** This course provides a survey of the social, economic, political, and religious forces that shaped Latin America through the independence movements of the nineteenth century.
451. **Modern Latin America.** This course covers the major historical developments of Latin America since the beginning of the nineteenth century and provides students with a general history of Latin America.
454. **The Culture and History of Mexico.** This course surveys the major political, cultural, economic, social, and intellectual developments of Mexico from Pre-Columbian times to the present and examines how Mexicans today interpret and celebrate their rich and diverse heritage.
460. **Cultural History of Texas.** This course provides a study of the historical, political, and economic forces that have shaped the cultural identity of Texas including topics such as Native-American prehistory, the Spanish conquest, republican independence, statehood, confederacy, Reconstruction, and the emergence of the New South and the new economy.
462. **Modern German History.** This course provides a story of the German people from the unification process in the 19th Century through the unification process of the Twentieth Century. The brief history of a united Germany (1870-1945) demands the attention of reflective persons because it teaches students about the role of fear and cupidity and obtuseness in human affairs; the seductions of power and the apparently limitless inhumanity of which man is capable; and courage, steadfastness, and the bounty of creativity.
470. **Twentieth Century Asia.** This course is a survey of major political, social, and cultural forces that have shaped the history of Asia in the Twentieth Century.
480. **Senior Seminar.** (1 SCH) This course is a seminar all students who are seeking Texas certification must take in order to teach history or social studies. Students will evaluate the ways they can use the knowledge they gained in history and social-studies courses to accomplish the goals of TEKS. **Prerequisite:** Senior standing.
489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
490. **Internship.** The history internship offers students an opportunity to work in the Texarkana Museum System. Students will participate in a variety of tasks, which will provide them an introduction to museum and archival work. To enroll, students must be history or education majors, have an overall grade-point average of 2.75 or higher, and have completed 15 hours of college history courses with a grade point average of 3.00 or higher. Only currently enrolled students who are seeking a degree may apply for the internship course.
497. **Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Honors (HON)

- 1345. Technology and Knowledge.** This course explores the systematic relationships between thought, technology, and society in order to understand how individuals construct, interpret, and mediate knowledge in the 21st Century. The goal of the course is less about articulating what knowledge is through the classics of Western thought than to question how science and technology impacts socially constructed knowledge derivative of those classics of Western thought. **Prerequisite:** Students must receive admittance to the honors program.
- 345. Advanced Academic Argument Seminar/Continental Philosophy.** This course offers an examination of critical theory (a contemporary philosophical approach to ethical, aesthetic, political, epistemological, and ontological problems) that may include an individual author, group of authors, the study of a single school or movement, or another concentration. This course is writing intensive and emphasizes writing across the disciplines. **Prerequisite:** Student must receive admittance to the honors program.

Instructional Technology (ITED)

- 315. Introduction to Instructional Technology.** This course includes the principles and application of instructional technology, providing students with an understanding of the technology tools used to facilitate learning in the classroom, computer-based training, and online environments. The course places special attention on the effective use of technology to attain instructional objectives.
- 350. Technologies for Instruction, Learning, and Communication.** This course helps students develop a comfort with technology and its application to communication. The course places emphasis on computer-assisted presentations, software and hardware analysis, and the design and execution of instruction using electronic means. Previously offered as COMM 350. **Prerequisite:** BCIS 1305 or 1401 or COSC 1301.
- 426. Instructional Video Development.** This course teaches principles of instructional video development including designing for learning objectives, effective audio and lighting techniques, video recording, and editing. **Prerequisites:** ITED 315 or 350.
- 450. Instructional Web-Site Development.** This course introduces the student to the concepts of Web-site development using basic Web editors and presents Cascading Style Sheets (CSS) as a conceptual bridge to the technical aspects of Web development. Students will not use programming in this course. **Prerequisites:** ITED 315 or 350.
- 460. Introduction to Web-Based Instructional Content Development.** This course teaches the principles and application of Hyper Text Markup Language (HTML) and object-oriented programming using Java Script. The course places special attention on fundamental programming techniques, concepts, and documentation entities use in instructional-software development.
- 480. Management and Development of Instructional-Technology Projects.** This course presents the project-development cycle entities use to plan, manage, and develop instructional-technology projects. Students learn to identify learning objectives, determine the appropriate technologies to accomplish those objectives, and manage the development of an instruction-technology project through completion and evaluation. **Prerequisites:** ITED 315 or 350.

Integrated Reading and Writing (INRW)

- 0398. Integrated Reading and Writing I.** This course is a combined 3-hour lecture and lab performance-based course designed to develop students' critical-reading and academic-writing skills by building fundamental reading skills through an increase in comprehension, vocabulary, study skills, and speed; providing an intense overview and review of the basic elements of modern English usage; and honing writing experience with attention to the basic mechanical and structural elements of the writing process. Students who do not score satisfactorily in reading and writing on the TSI must take IRW I. **Prerequisites:** RDG 0300 or ENG 0300 with the minimum grade of C or equivalent scores on an approved placement test.
- 0399. Integrated Reading and Writing II.** This course is a combined 3-hour lecture and lab performance-based course that develops students' critical-reading and academic-writing skills by building intermediate reading skills through an increase in comprehension, vocabulary, study skills, and speed; providing an intense overview and review of the intermediate elements of modern English usage; and honing writing experience with attention to the intermediate mechanical and structural elements of the writing process. Students who do not score satisfactorily in reading and writing on the TSI must take IRW II.

Prerequisites: IRW 0398 or RDG 0301 or ENG 0301 with the minimum grade of C or equivalent scores on an approved placement test.

Interdisciplinary Studies (IS)

- 0300. University Student Success.** This course covers the psychology of learning and success. It examines factors that underlie learning, success, and personal development in higher education. Topics the course covers include information processing, memory, strategic learning, self-regulation, goal setting, motivation, educational and career planning, and learning styles. The course also covers the techniques of study such as time management, listening and note taking, text marking, library and research skills, preparing for examinations, and using learning resources. The course also includes instruction in college orientation and the development of students' academic skills that apply to all disciplines. Required for all Eagle Access students.
- 325. American Culture: An American Perspective.** This course is an examination of selected historical aspects of American Culture, using online primary sources. Students will read, discuss, and analyze primary sources in five selected areas of American culture.
- 395. Living in the 21st Century.** Through reading, lecture, discussion, multimedia presentations, and research the student will explore the major national and international issues that provide the challenges and opportunities for achieving success in a chosen career and in attaining life goals. Although course topics may vary, they include human diversity and multiculturalism, science, society and technology, economy and environment, human values, and professional ethics. (Formerly IS 495).
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 497. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Leadership Studies (LEAD)

- 289. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 305. Introduction to Leadership: Concepts and Practices:** This course provides a basic introduction to leadership by focusing on what being a good leader means. The course emphasizes the practice of leadership. The course examines topics such as the nature of leadership, recognizing leadership traits, developing leadership skills, creating a vision, setting the tone, listening to out-group members, overcoming obstacles, and addressing values in leadership. Students will assess their leadership traits and improve their own leadership performance.
- 310. Leadership Theory and Practice.** This course introduces leadership theory and practice. Students will develop an understanding of the behaviors and characteristics of leaders through the examination of current leadership models.
- 400. Leadership and Gender Issues.** This course presents an overview of the historical impact of women in leadership roles in America. The course discusses the challenges women face in attaining and successfully embodying leadership roles.
- 414. Organizational Training and Development.** This course provides an introduction to the field of employee training and development and the processes involved in improving individual and organizational performance. Specific topics include the role and competencies entities require of the training specialist, methods of conducting needs assessment, task analysis, program development, theories on adult learning and performance, career-development planning, and evaluating education and training with application to the for-profit and non-profit sectors.
- 415. Organizational Development and Change.** This course introduces organizational development and leadership for non-profit agencies by examining definitions, values, ethics, and organizational development as a normative process. The course examines change theory and practice and the roles of the change agent or organizational-development professional. The course surveys traditional organizational-development interventions and current applications of organizational-development thought.
- 420. Community Leadership.** This course defines the nature of community leadership and examines the process of non-positional or grassroots leadership development from within communities and organizations. Students will study how and why ordinary people emerge as leaders and choose to remain committed to the common good despite cynicism and the shift in availability of economic resources.
Prerequisite: Junior standing.

- 489. Independent Study in Leadership.** This course provides individual instruction. Students may repeat the course when topics vary.
- 497. Special Topics in Leadership.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Mass Communication (MCOM)

- 1307. Introduction to Mass Communication.** This course introduces students to the fields of communication, including theory, law and regulation, history, social implications, and mass-media operations.
- 2320. Introduction to Television and Video Production.** This is a foundational course in television production for all Mass Communications majors.
- 2330. Introduction to Media Production.** This course focuses on the production of video within the context of film history and film as an artistic medium.
- 2340. Introduction to Public Relations.** The objective of this course is to learn, analyze, organize, synthesize, and communicate information needed in the public-relations profession.
- 2350. Principles of Advertising.** This course provides an understanding of the role of advertising and how an advertising agency functions. It examines global issues impacting advertising and the increasingly global nature of advertising campaigns.
- 2360. Publication Design and Production.** This course focuses on graphic-design theory and practice, both in print and on the Web.
- 2370. Introduction to American-Film History.** This course focuses on the historical development of cinema in America from the 1890s to the contemporary period. Students will study the technology, the industrial structures, the personnel, and the films that have marked the evolution of cinema from silent shorts to the rise and fall of the Hollywood studio system to the period of conglomeration and convergence that currently defines the industry.
- 2380. Introduction to International Cinema.** This course focuses on the historical development of cinema internationally from the 1890s to the contemporary period. Students will study the technology, the industrial structures, the personnel, and the films that have marked the evolution of cinema from silent shorts to direct engagement and competition with Hollywood. Subtopics include Russian Formalism, German Expressionism, French Surrealism, Italian Neo-Realism, the French New Wave, and the international rise of the art cinema in the 60s and 70s.
- 300. Mass Communication Theory.** This course provides students with an overview of the dominant theories of mediated communication processes and effects, in addition to the functions of theories in social scientific research. **Prerequisite:** MCOM 1307 with a grade of C or better.
- 305. Media Law and Ethics.** This course includes a study of the evolution, rights, and restrictions of the media. The course will review the influence of constitutional rights, statutory restrictions, court precedents, self-imposed and public restrictions on news coverage, and the ethics of journalism. **Prerequisite:** MCOM 1307 with a C or better.
- 306. Broadcast News - Radio Production.** This course introduces the techniques of gathering, analyzing, and writing news and features for broadcast. Students will practice interviewing, observation, and use of documentary references that include computer information retrieval and analysis skills. **Prerequisite:** MCOM 1307 with a C or better.
- 310. Advanced Writing for Mass Media.** This is an advanced course in writing for and about mass media. **Prerequisite:** MCOM 1307 with C or better and completion of MCOM 2330 and 2360 or equivalents.
- 311. Television News Production.** This course includes reporting, preparation, and presentation of news for television. The course includes discussion and practice in writing, reporting, videotaping, and editing news for TV. The course also covers the analysis of TV writing problems; use of photographs, graphics, and video tape as visuals; uses of sound in TV news; and ethical problems of the TV reporter and editor. **Prerequisite:** MCOM 1307 with C or better.
- 312. Photojournalism.** This is an introductory photojournalism course focusing on the basics of light, camera operation, and the use of chemical and digital darkrooms. It includes an introduction in spot news and feature photography as well as instruction in ethics, privacy, and law. **Prerequisite:** MCOM 1307 with C or better.
- 315. Writing for Broadcast.** This course is a study of the principles of writing for radio and television. Students will practice writing commercials, underwriter announcements, public-service announcements, and news. MCOM 1307 with C or better.

- 380. Advanced Professional Communications.** As students progress in their professional careers, advanced public speaking and interview skills may be key to their success. This course will help students prepare and deliver presentations speakers use in governmental, business, educational, and civil settings and situations. Students will also focus on interview skills and intercultural communication processes. **Prerequisite:** MCOM 1307 with a C or better.
- 410. Feature Writing.** This course provides an introduction to the world of the magazine and focuses upon article writing. **Prerequisite:** MCOM 1307 with a grade of C or better.
- 411. Advanced Editing, Layout, and Design.** This course teaches advanced layout and design skills required for Mass Communications students. **Prerequisite:** MCOM 1307 with C or better.
- 412. Copy Editing.** This course will examine editing for various media including the Web, broadcast, newspapers, magazines, and corporate publications. **Prerequisite:** MCOM 1307 with C or better.
- 416. Television Production.** This course covers the fundamentals of video production in a multi-camera studio and the Electronic Field Production (EFP) environment including pre-production, production, direction, and editing. Students will understand the functions and responsibilities of the production crew and the equipment. **Prerequisite:** MCOM 1307 with grade of C or better.
- 417. Advanced New-Media Production.** This course focuses on mobilizing theories of new media in the production of a new-media object (documentary, film, video game). **Prerequisite:** MCOM 1307 with a C or better and completion of MCOM 2330 and 2360 or equivalents.
- 418. Concepts in Classical Film.** This course focuses on the theories of film that marked the first fifty years of the field of Cinema Studies. Topics and authors include film language and film form (Sergei Eisenstein, André Bazin); the relationship between film and reality (Siegfried Kracauer, Bazin); film as a narrative art form (Tom Gunning, David Bordwell); authorship and genre (Andrew Sarris, Peter Wollen, Thomas Schatz, Leo Braudy, Rick Altman, and Robin Wood); and psychology and ideology (Christian Metz, Laura Mulvey). **Prerequisite:** MCOM 1307 with a C or better and completion of MCOM 2370 and 2380 or equivalents.
- 419. Popular Culture and Case-Study Management.** This course focuses on the theories of media studies that have broadened the scope of the field in the past thirty years. Topics and authors include comics studies (Scott McCloud), fan culture (Henry Jenkins), gender (Lynn Spigel), new media (Lev Manovich), race (Aniko Bodrogozsy, Herman Gray), and television (John Caldwell, Raymond Williams). **Prerequisite:** MCOM 1307 with a C or better and completion of MCOM 2370 and 2380 or equivalents.
- 420. Case Studies in Advertising.** This course will introduce students to how entities plan, budget, and control advertising and media-relation campaigns. **Prerequisite:** MCOM 1307 with C or better and completion of MCOM 2340 and 2350 or equivalents.
- 430. Public Relations Campaigns.** This course involves the development and presentation of a complete communication plan for a community organization the instructor will select. The course emphasizes application, researching public-relation problems and opportunities, developing campaign objectives, planning public-relations strategies and tactics, and specifying measures and approaches for evaluating campaign accomplishments. The course integrates theories, concepts, and techniques of public relations into each campaign. **Prerequisite:** MCOM 1307 with a grade of C or better and completion of MCOM 2340 and 2350 or equivalents.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 490. Internship in Mass Communication.** This course provides students with an opportunity to apply or demonstrate all mass-communication skills in a real-world setting. **Prerequisite:** MCOM 1307 with a C or better and instructor permission.
- 491. Research in Mass Communication.** This course provides an overview of qualitative and quantitative research in mass communication. **Prerequisite:** MCOM 1307 with a C or better.
- 497. Special Topics in Mass Communication.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Music (MUSI)

- 1306. Music Appreciation.** Music Appreciation introduces students to the discipline of music through listening, discussion, and analysis. The course traces the historical development of music with an emphasis on Western art music.

Physical Education (PHED)

- 1101. Yoga.** This is an introductory-level Yoga class. The Hatha Yoga class improves functional fitness, flexibility, and muscle awareness. Instructors provide professional guidance on basic *asanas*, or poses, focusing on all muscles involved in those poses, proper breathing, and relaxation.
- 1102. Pilates.** This course centers on the Pilates method of body conditioning which consists of stretching and strengthening exercises. Joseph H. Pilates developed and demonstrated these exercises. The benefits from this practice are improvements in strength, flexibility, and proper posture.
- 1103. Physical Conditioning.** This course provides basic knowledge in the area of physical conditioning and introduces methods and techniques of achieving a more desirable physical condition, which students can incorporate into their daily lives and adopt as positive life-changing behaviors.
- 1104. Tennis.** This course introduces the sport of tennis. Students will learn the rules of the game, how to keep score, and how to play the game. This course includes a physical component.
- 1105. Golf.** This course introduces the sport of golf. Students will learn the rules of the game, how to keep score, and how to play the game. This course includes a physical component.
- 289. Independent Study in Physical Education.** This course provides individual instruction. Students may repeat the course when topics vary.

Philosophy (PHIL)

- 1301. Introduction to Philosophy.** This course introduces philosophical thinking and thinking in general rather than surveying philosophical doctrines, movements, or methods. As such, the course is "topics based" and examines questions of the theory of knowledge, moral philosophy, and critical thinking and what historical and contemporary philosophers have said about them. In addition, the course provides an orientation to the concept of philosophical arguments, its forms, and the way students ought to analyze arguments.

Political Science (PSCI)

- 300. Introduction to Political Theory.** This course introduces the history of Western political theory that surveys the work of major political thinkers from ancient Greece to the present. Along with introducing students to the classic literature of political thought, the course provides a vehicle for understanding political concepts such as justice, power, liberty, and equality.
- 305. Introduction to Political Ideologies.** This course provides an introductory survey of selected ideologies. Topics may include liberalism, classical Marxism, communism, fascism, democratic socialism, conservatism, authoritarianism, African-American political thought, and gender ideologies. Students will also discuss ideologies' assumptions, justifications, and implications for political life.
- 310. Introduction to Political Documentary.** This course provides an introduction to the genre of political documentaries. These nonfiction, research-based films present diverse ways of life and shed light on the world. This course covers the theory, history, ethical and legal issues, and rudimentary skills involved in film documentaries. Students will review several documentaries and make their own documentary films.
- 315. Washington DC Civic Engagement Field Study.** This course explores civic engagement and public service in the United States through visits in Washington, DC to national civic organizations and representative institutions and meetings with nationally elected public officials and civic-organization leaders.
- 320. Introduction to Constitutional Law.** This introductory course provides an overview of constitutional law in the United States in its theoretical and historical setting. The course covers the founding period, the Constitution, and the development of law in areas such as privacy, freedom of speech, freedom of press, free exercise of religion, the establishment clause, search and seizure, punishment, and states' rights.
- 331. Introduction to Public Administration and Leadership.** This course teaches students to discuss and assess major concepts of administration and leadership in public agencies. The course employs case studies and field-based experiences as learning tools.
- 340. Introduction to Comparative Politics.** This course familiarizes students with the field of comparative politics, its key concepts, and major theoretical approaches. The bulk of the course is a broad introduction to the major types of political systems in the modern world, including advanced industrial democracies of the West, transitional systems of Communist and post-Communist countries, and economically less-developed nations.
- 341. European Politics.** This course is a study of select European nations and their political institutions. The course considers the organization, political behavior, and decision-making process of the major countries of Europe, including the United Kingdom, France, Germany, Italy, Poland, Sweden, and Russia. It will also

- examine political and economic trends challenging and reshaping democratic institutions. The course gives particular attention to European cooperation and the inclusion of East-Central Europe and Russia into the European community.
344. **Russian- and East-European Politics.** This course is a comprehensive examination of the East and Central European countries and the former Soviet Union, covering the general historical overview of the region, its geography, political structures and processes of the communist period, and the post-communist transitions to widely divergent societies and politics. Students will also examine social and economic policy and popular attitudes. The course places emphasis on the diversity of the region.
350. **Introduction to International Relations.** This course examines changes in the nature of the international community from the Treaty of Westphalia to the present, emphasizing the forces that produce cooperation and conflict among nations.
390. **Citizen Engagement and Leadership.** This course provides a foundation for students to develop their civic participation and leadership skills by learning the basic steps of pursuing reform and working together to address existing political problems.
395. **Methods of Political Science Research.** This course provides an introduction to the discipline of political science including an examination of the development of political science and the methods and approaches contemporary political scientists use to describe, explain, predict, and evaluate political phenomena.
410. **American Political Theory.** This course provides an analysis of American political thought from colonial times to the present.
426. **Civil Rights and Civil Liberties.** This course contributes to the student's understanding of how the Constitutional rights and liberties of U.S. citizens have developed. Additionally, examination of the socio-political context provides the basis for understanding the continued evolution of these rights and liberties.
427. **Public Law: Federal and State.** This course examines the development of the concept of constitutional government, the constitutional structure of the American government, and the Supreme Court's role in the evolution of the United States Constitution with special emphasis on the constitutional structure of the Texas government.
428. **Intergovernmental Politics.** This course provides a study of the process of government that accomplishes practical goals by coordinating the activities within and between national, state, local, and special governmental units.
445. **Public Opinion.** This course provides an accounting of the role of public opinion in the democratic politics of the United States.
450. **Politics and Gender.** This course acquaints students with the core concepts, processes, and issues of politics and gender. The first portion of the course explores essential concepts: the actors, how entities make gender policies, and the distribution of political power. The remaining sections of the course examine contemporary and future issues in the politics of gender. This course does not cover current events, although instructors will make some reference to current events when discussing the theories and topics the course covers.
455. **Political Behavior.** This course examines key aspects of American electoral politics and democracy.
456. **Politics and Religion.** This course is an introduction to a hotly debated topic in many political systems: the interaction between religion and politics. During the course, the student will examine the attempts by religious groups, movements, and interests to influence politics through agenda setting, lobbying, demonstrations, and electoral activities.
460. **Political Parties and Elections.** This course provides a comprehensive review of American political parties and elections. Students will examine the historical development and contemporary nature of the major political parties. Exploration of the presidential election system will cover the different phases of the process, influences of money, the media, third parties, and possible reforms.
464. **Congress.** This course provides an examination of the U. S. Congress. Areas of consideration will include the development of the legislative branch, congressional elections, representation, legislative structures and processes, leadership, and the making of public policy.
465. **The Executive.** This course provides a review of the executive branch of the United States, including the historical development, primary responsibilities, and decision-making processes of the office as well as contemporary relationships with the public, Congress, and policy making and implementation.
489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
490. **Internship.** (6 SCH) The internship course offers students an opportunity to work in the offices of state, federal, and locally elected officials. Students will learn the kinds of services the offices provide, the

expectations the electorate has of their elected officials, and the kinds of activities that occur in these offices. Students engage in meaningful tasks and assignments that contribute to their understanding of democratic government. **Prerequisite:** Students must have passed PSCI 428, be of Senior standing, have a grade point average of 2.75 or higher, and complete a student-application process. Only currently enrolled students who are seeking a degree may apply for the internship course.

497. **Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Psychology (PSYC)

2301. **General Psychology.** This course introduces students to fields of study such as cognitive psychology, developmental psychology, abnormal psychology, and clinical psychology. This course will also discuss the basic principles of learning, memory, and motivation as well as the classic theories that psychology is rooted upon.
2308. **Child Psychology.** This course acquaints students with the basic principles and major issues influencing human development specific to infants and children. Students will discuss theories and methods psychologists use to understand development. The course will give attention to the social issues that affect the view of children and families and pay special attention to the application of theories, methods, and principles to working with children in the role of parent, caregiver, and teacher. This course will provide meaningful scientific information in understanding child development and in providing practical principles for working with children. **Prerequisite:** PSYC 2301.
2314. **Lifespan Growth and Development.** This course presents the growth and developmental stages of prenatal, birth, childhood, adolescence, young and middle adulthood, old age, and death. It focuses on biological and genetic and environmental influences on cognitive, physical, and socioemotional and psychological development. **Prerequisite:** PSYC 2301.
2317. **Statistical Methods in Psychology.** This course will discuss the concepts and statistical procedures of data analysis behavioral scientists use. In the course, students will learn ways to describe data (descriptive statistics) and methods of evaluating hypotheses and testing psychological theories (inferential statistics) using examples from the psychological literature. Specific topics will include t-test, ANOVA, correlation, regression, and non-parametric tests. **Prerequisite:** MATH 1314 College Algebra or higher.

Psychology (PSY)

316. **Abnormal Psychology.** This course surveys the various types of abnormal behavior including adjustment disorders, personality disorders, schizophrenic disorders, anxiety disorders, and organic brain disorders. It also examines the origins and treatments of abnormal behavior as well as the various classifications schemas. **Prerequisite:** PSYC 2301.
317. **Psychology of Personality.** This course reviews the various approaches to the study of personality and considers the determinants, development, and assessment of personality. **Prerequisite:** PSYC 2301.
320. **Psychology of Interpersonal Interactions.** This course examines the processes of social interaction using the perspective of psychological theory and research. Topics include the growth of relationships, love, social exchange, impression management, communication, jealousy, loneliness, and games people play. Students will consider techniques for improving interactions. **Prerequisite:** Junior standing.
325. **Sport Psychology.** This course will provide students with an overview of the theories and research related to sport and exercise behavior. Topics include the history of sport psychology, behavioral principles, anxiety, motivation, leadership group dynamics, gender, and personality. This course will also relate these principles to exercise and sport performance.
350. **Learning and Behavior.** This course presents basic information about various types of learning and describes general theoretical and practical approaches to understanding and improving learning and behavioral processes.
400. **Internship.** This course provides field experience in psychology within local agencies and facilities with on-site supervision together with classroom activities. The internship provides students with exposure to workplace settings that employ persons with baccalaureate degrees in psychology. Sites include in-patient and outpatient mental-health and mental-retardation facilities, correctional facilities, and human-service organizations. The department offers this course during the Fall and Spring semesters. Note: Students may apply for Internship during the semester prior to when they intend to take the course. Advisors will evaluate student workload with regard to maximum course load concurrent with internship. Students may take the internship twice for a total of 6 SCH. First-semester applicants will receive preference.

- Prerequisite:** Senior standing and instructor permission. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis.
402. **Experimental Psychology.** This course familiarizes the student with typical methods and techniques employed in psychological research. Students will perform psychophysical and other psychological experiments. **Prerequisite:** PSYC 2301 and PSYC 2317.
403. **History of Psychology.** This course introduces the major schools and systems of psychology as they have evolved and exist today. **Prerequisite:** PSYC 2301 and junior standing.
404. **Industrial Psychology.** This course examines the person in industrial and organizational system processes including recruitment, selection, promotion, training, performance appraisal, job satisfaction, work motivation, leadership, communication, job design, union and management relations, work conditions, human factors, and workplace ergonomics. **Prerequisite:** Junior standing.
406. **Environmental Psychology.** This course analyzes various aspects of the natural and built physical settings on human functioning and socialization. **Prerequisite:** PSYC 2301.
426. **Introduction to Clinical and Counseling Psychology.** This course reviews clinical and counseling psychology, its history, perspective, conceptual framework, and treatment modalities. **Prerequisite:** PSYC 2301.
440. **Psychology of Addiction.** This course studies the prominent theories of addiction and surveys the research literature related to the psychological aspects of addiction. The course includes a description of commonly abused legal and illegal substances and a discussion of the difference between substance abuse and dependence. Instructors give consideration to prominent forms of intervention and treatment.
443. **Psychology of Death and Dying.** This course studies the processes of dying and the influence of the threat of death on human behavior.
445. **Human Sexual Behavior.** This course examines biological capabilities, psychological characteristics, and social and cultural influences on human sexual behavior. Cross-listed with PSY 545.
455. **Brain and Behavior.** This course examines the structure and functioning of the brain and of its many components down to the level of individual neurons. It looks at the development of the brain and the effects of drugs, disease, and injury. It provides an introduction to the processing of sensory information and control of movement by the brain. **Prerequisite:** PSYC 2301 and 6 SCH in life sciences, three of which must be in biology.
456. **Sensation and Perception.** This course explores how individuals perceive their surroundings by various sensory modalities and signal-processing capabilities of the brain. **Prerequisite:** PSYC 2301 and 6 SCH in life sciences, three of which must be in biology.
465. **Psychology of Aging.** This course studies the theoretical and research literature related to the psychological aspects of aging. Instructors give consideration to changes in physical, perceptual, and cognitive processes as they affect vocational, social, and personal adjustment.
466. **Cognitive Psychology.** This course examines the study of thinking behaviors in humans and other higher animals including perception, categorization, reflection, self-awareness, communication, language, creativity, and other related topics. **Prerequisite:** PSYC 2301.
489. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
490. **Undergraduate Research Practicum.** Students will conduct faculty-supervised research. The faculty sponsor and the student will determine the scope and nature of the work. **Prerequisite:** Sophomore status, faculty sponsor approval, and PSYC 2301 and 2317.
497. **Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Reading (RDG)

343. **Reading beyond the Primary Grades.** This course teaches content-area teachers how to help their students learn from textbooks. The course includes techniques for evaluating both textbooks and students. Students will learn about coping with the reading, the demands of textbooks, and study skills.
350. **Emergent-Literacy Development.** The purpose of this course is to provide the pre-serviced EC-6 teacher with knowledge and skills necessary to promote early-literacy development. Students will develop competency in the components of emergent literacy, including oral-language development, phonological and phonemic awareness, the alphabetic principle, high-frequency-vocabulary development, decoding and spelling strategies, and fluency development. The targeted grade levels for this course are Early Childhood through Grade Two.

- 352. Literacy Development in the Upper Grades.** The purpose of this course is to provide the pre-service EC-6 teacher with knowledge and skills necessary to promote literacy development in the upper grades. Pre-service teachers will develop competency in promoting content literacy, fluency with expository texts, and vocabulary development. The targeted grade levels for this course are grades three through six. **Prerequisite:** RDG 350.
- 354. Assessment-Driven Literacy Instruction.** The purpose of this course is to provide pre-service teachers with strategies for helping students who are experiencing minor difficulties in their reading development. Instructors will provide a holistic framework for examining reading difficulties with techniques for developing reading strengths within the classroom. **Prerequisite:** RDG 350 Min Grade C or RDG 343 Min Grade C
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Sociology (SOC)

- 1301. Introduction to Sociology.** This course will introduce students to the basics of sociological thinking. It will help them understand the social world in which they live as well as the social forces that shape human behavior. It provides an overview of major sociological concepts and principles including theory and method, culture and socialization, social structure and institutions, social stratification of race, gender and class, and deviance and social control.
- 1306 Social Problems.** This course involves the study of social problems. The class will examine a variety of problems related to equality, gender, ethnicity, health, deviance, and globalization and their causes and consequences. In addition to understanding the factors behind social problems, the class will explore possible solutions.
- 2301. Marriage and Family.** Using a sociological perspective, this course examines the institution of marriage and identifies family structures through an overview of the current topics affecting family and a discussion of sex, marriage, and family in historical and cross-cultural context. It covers topics including changing gender roles, kinship ties, family types, family problems, and aging process.
- 2317. Social Statistics**
This course will introduce students to the basics of social statistics- techniques that sociologists and other social scientists use to summarize and analyze numeric data and to make predictions. Students will learn to describe data using descriptive statistics and to test hypotheses using inferential statistics. Specific topics include frequency distribution, central tendency, variability, probability theory, correlation, and estimation.
- 2319. Diversity Studies.** This course is a survey of human diversity based on factors including, but not limited to, ethnicity, race, gender, nationality, religion, or culture. The course examines the challenges of living in a multicultural society, especially related to communication, education, and work. The course also considers different modes of cultural contacts including migration.

Sociology (SOC)

- 310. Sociological Theory.** This course provides a survey of the development of sociological theories with an emphasis on both classical and contemporary schools of thought.
- 314. Social Psychology.** This course investigates how social factors influence the individual's personality, perception, attitudes, and behavior. The course will teach the relevant theories and methods, and students will learn about current research on topics such as culture, gender, relationships, aggression, and group behavior. **Prerequisite:** SOCI 1301.
- 315. Law and Society.** This course covers social problems in a legal context. The course reviews the nature, functions, limitations, and objectives of law in relationship to such problems as poverty, drug addiction, abortion, euthanasia, and mental illness; the changing role of the law in attempts to solve social problems; and ethical issues in criminal justice. Cross-listed with CJ 315.
- 320. Deviance and Deviant Behavior.** This course is an introduction to the general phenomena of social deviance with primary emphasis upon non-criminal deviants and deviations and victimless crimes including mental disorders, drug use, prostitution, and homosexuality. Instructors give attention to the scope of the field and other theoretical issues. **Prerequisite:** SOCI 1301. Cross-listed with CJ 320.
- 323. Social Stratification.** This course is the study of social stratification and involves examination of the historical and contemporary systems of stratification, problems of class and caste, and trends in class system and social mobility. In addition, it explores the different concepts and theories of social stratification and their global relevance. **Prerequisite:** SOCI 1301.

- 325. Crime and Delinquency.** This course is a study of the meaning, nature, and extent of crime and delinquency, including analysis and evaluation of preventive and treatment methods. The course emphasizes theories of crime and delinquency causation. **Prerequisite:** SOCI 1301. Cross-listed with CJ 325.
- 354. Research Methods and Ethics.** This course will introduce students to the basic concepts and techniques that social science research involves. The course consists of three sections covering social scientific inquiry and research design, quantitative data gathering and analysis, and qualitative data gathering and analysis. The course emphasizes the skills necessary to design and successfully perform research projects: selection of topics, development and testing of hypotheses, collection and analysis of data, and reporting of findings. In discussing each topic, students will consider the ethical implications of social research. **Prerequisite:** SOC 2317 or Equivalent
- 380. Ethnic and Cultural Minorities.** This course will explore the ways in which ethnicity, culture, race, class, and gender influence people's individual and social life. It will include relevant theories in the field and examine several ethnic and cultural minorities in the United States. The course includes discussion of minority status to crime and justice issues. **Prerequisite:** SOCI 1301. Cross-listed with CJ 380.
- 385. Globalization and Social Change.** This course examines the effects of globalization on society and its institutions and structures including the family, educational institutions, politics, governments, corporations, migration and immigration, work, gender, and inequality.
- 420. Managing Cultural Differences.** This course is a study of critical sensitivities one must exhibit in various parts of the world as related to the demands of business for a repertoire of style, a respect for diversity, and understanding of cultures.
- 423. Health and Society.** This course will teach how life-style choices; work environment; family context; and the legislative, economic, and environmental processes influence health and wellness. Students will learn how wellness of the individual is inseparable from societal well-being, and the class will examine this connection at the national and global levels. **Prerequisite:** Junior or Senior standing.
- 485. Religion and Society.** This course reviews the major lines of classical and contemporary sociological thinking on religious consciousness and religious practice. Students will discuss the following questions: How does society influence religion? How does religion influence society? What is religion's social significance in contemporary society? The course will consider these and other questions by exploring a variety of social expressions of religion. It will also examine the social bases of churches, sects, and cults, and it focuses on contemporary religion in the United States. Instructors will teach the course at an advanced level, but it does not require previous work in sociology. **Prerequisite:** Junior or Senior standing.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 490. Senior Seminar.** This course is a capstone experience for students of sociology. This course will both unify and synthesize knowledge students gained throughout their undergraduate years by exploring connections between people and society. In addition to a general review of the theories, methods, and substantive conclusions covered in the core sociology courses, the class will investigate various career options available for sociologists. **Prerequisite:** Advanced standing in sociology.

Spanish (SPAN)

- 1311. Beginning Spanish I.** This course is a language-proficiency oriented course in which the primary objective is the development, at an upper-beginner level, of the four language skills: listening comprehension, speaking, reading comprehension, and writing. Upon completion of the course, the student will be able to understand and use familiar, everyday expressions aimed at the satisfaction of basic communication needs and handle basic survival situations (answering a phone call, giving directions, etc.). Students will be able to interact in a simple way when the other person talks slowly and clearly, read short texts for pleasure and meaning, use simple grammatical structures, and write sentences and short paragraphs dealing with familiar situations.
- 1312. Beginning Spanish II.** This course is a continuation of SPAN 1311 and is language-proficiency oriented. The primary objective is the development, at a lower-intermediate level, of the four language skills: listening comprehension, speaking, reading comprehension, and writing. Upon completion of the course, students will be able to master an acceptable pronunciation and intonation, apply in communication frequently used expressions related to areas of most immediate relevance (e.g. very basic personal and family information, shopping, local geography, etc.), handle basic language survival situations and

activities in the past and future. Students will be able to read short academic and fictional texts and write short compositions of familiar and academic topics. **Prerequisite:** SPAN 1311 with a C or higher.

- 289. Independent Study in Spanish.** This course provides individual instruction. Students may repeat the course when topics vary.
- 303. Spanish Composition and Conversation.** This course is a review of the most important concepts of first and second year Spanish, expanding on advanced grammar issues, writing skills, and oral diction. It provides students with the skills necessary to improve their written- and oral-communication competency in the Spanish language at an upper-intermediate level. It includes the development of writing skills with an emphasis on grammatical constructions, following a structural analysis of representative literary texts. It also deals with the development of oral skills through pronunciation practice, discussion of current events, skits, interviews, conversations, role-plays, and debates. Course activities provide students with tools to express themselves clearly, completely, and accurately both in written and oral form. Activities also foster the development of depth of knowledge, critical thinking, and written expression in Spanish, providing students with the ability to think rationally, develop informed opinions, and comprehend new ideas. **Prerequisite:** Satisfy Spanish placement test at the 300 level.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 497. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Speech (SPCH)

- 0015. Public Speaking Lab.** This course is a lab component for Public Speaking. Students must enroll in this course concurrently with SPCH 1315.
- 1315. Public Speaking.** Public speaking assists students in developing public-speaking skills. Instructors train students in selection and organizing ideas; adapting a message to a particular audience; supporting ideas clearly, vividly, and logically; and delivering an effective message with confidence and enthusiasm.

Special Education (SPED)

- 410. Characteristics of Diverse Learners.** This course develops student's foundational knowledge of historical perspectives, educational principles, laws, and professional ethics and roles in the fields of special education and English Language Learners (ELL). It focuses on the learning and behavioral characteristics of diverse learners, including students with exceptionalities (which include disabilities, Attention Deficit Hyperactivity Disorders, Dyslexia, and Gifted and Talented,), students who are ELL, and students who are Culturally and Linguistically Diverse Exceptional (CLDE) learners. Additionally, this course introduces instructional strategies, appropriate curriculum, accommodations, modifications, and assistive technology to ensure the success of all learners. **Prerequisite:** ED321.
- 415. Teaching Students with Moderate to Severe Disabilities.** This course addresses the unique characteristics and lifelong learning needs of individuals with moderate to severe disabilities. Students will explore instructional and management strategies. The course emphasizes understanding, developing, and writing effective Individualized Education Plans (IEP's). Students will review professional ethics. Instructors will introduce frameworks for collaboration. The field experience includes working with students with moderate to severe disabilities.
- 416. Behavior Management and Motivation.** This course examines different motivational and behavior-management theories and strategies. Students will explore practical techniques to use with individual students, small groups, and classrooms. **Prerequisite:** Admission to the Teacher Prep Program.
- 417. Assessment for Achievement.** This course will focus on the use of formative and summative assessment to inform instruction and to ensure student achievement for all learners. Based upon the principles of ethical assessment, best practices, and standard-based assessment, students will develop knowledge and skills in the administration and interpretation of assessment. Additionally, the course will emphasize the assessment of at-risk students, students with exceptionalities, students who are English Language Learners (ELL), and students who are Culturally and Linguistically Diverse Exceptional (CLDE) learners.
- 418. Research, Trends, and Issues in Education.** This course presents current research, issues, and trends in education, specifically emphasizing the teaching-learning process. The course emphasizes researching best

- practices regarding the teaching-learning process including: (1) neurodevelopment, (2) action research in the classroom, (3) academic Response to Intervention, and (4) evidence-based decision-making.
- 475. Special Education Student Teaching.** This course provides practical work in the public-school setting which includes student teaching for the traditional Teacher Preparation Program (TPP). Student teachers participate for 5 weeks in a special-education setting. An Instructional Leadership Team (ILT) directs and supervises student-teacher instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current educational topics. **Prerequisites:** Admission to the Teacher Prep Program; completion of all professional education courses; recommendation of a TPP interview panel. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis for 3 SCH. Students will take this course in conjunction with ED 494 for a total of 6 SCH.
- 480. Early Childhood to Grade 12 Special Education Teaching Practicum.** This course provides practical work in the special-education public-school setting which includes clinical teaching for the Alternative Teacher Certification Program (ACP). Clinical ACP Teachers participate for 15 weeks in a Special-Education setting. An Instructional Leadership Team (ILT) directs and supervises student-teacher instruction. The university may offer seminars, which address various legal and ethical issues of education as well as current educational topics. **Prerequisites:** Admission to the Alternative Teacher Certification Program; completion of a minimum of summer and fall coursework; recommendation from the Director of ACP. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis for 6 SCH.
- 481. Internship in Teaching Special Ed.** This course provides supervised experiences in the Special-Education classroom for students on Probationary Certificates. Students must earn a total of six SCH of internship. Instructors grade this course on Satisfactory (S) or Unsatisfactory (U) basis.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 496. Co-Teaching Clinical Teaching.** (4 SCH). This course is a continuation of ED 495 and continues in the assigned public-school classrooms for students in the co-teaching program who are also seeking special-education certification. Teacher candidates (student teachers) participate for 15 weeks in an EC-6 setting and work collaboratively with the classroom teacher. An Instructional Leadership Team (ILT) directs and supervises student-teacher instruction. **Prerequisite:** Admission to the Teacher Prep Program

Education and Liberal Arts – Graduate Course Descriptions

Adult and Higher Education (AHED)

- 505. Higher Education in the 21st Century.** This course is an introduction to the broad role and scope of higher education in America. Major topics will include the types of institutions, administrative structures, historical and contemporary missions, contemporary constituents, recent trends, challenges, and future projections. **Prerequisite:** None.
- 506. Governance and Funding of Higher Education.** This course addresses the governance and leadership practices of the various types of higher-education institutions in the United States. Specific topics include the functions and roles of trustees, regents, presidents, CEOs, governing boards, and the general administrative departments of the different types of institutions. With respect to funding, the course specifically emphasizes the influence of external agencies on colleges and universities and the different funding mechanisms or sources of revenue for public universities, community colleges, private institutions, and for-profit institutions.
- 508. Student-Service Administration in Higher Education.** This course introduces the roles, functions, and skills necessary for college-student personnel professionals. Students will learn the theory and practices relative to the three basic approaches to the profession: counseling, student development, and organizational leadership. The course will also include a cursory history of the profession as well as current trends and issues.
- 513. Overview of Human-Resource Development.** This course is an introduction and overview to the discipline of Human-Resource Development. The course addresses the processes of planning and implementing organizational-training systems and assessing educational and developmental needs of employees and examines the various applications of the HRD field employers use to enhance employee performance.
- 514. Workforce Training and Development.** This course provides an overview of training and development processes and methods contemporary organizations use to improve individual and organizational

- performance. Specific topics include the following: the role and competencies of the training specialist, methods of conducting needs assessment and task analysis, design principles, delivery methods, evaluation training, and other developmental activities appropriate for contemporary for-profit or non-profit organizations.
- 515. Organization Development and Change.** The field of Organizational Development (OD) is one of the three primary functions of the discipline of Human-Resources Development. This course presents an overview of how planned behavioral interventions, at a macro or micro level, can improve the effectiveness of an organization as a whole. The course will emphasize the role and actions of the HRD professional, acting as change agent or facilitator. Students will also study theoretical foundations and practical change strategies entities use in OD process. **Prerequisite:** None.
- 520. Adult Education: Profession and Practice.** The course surveys the current role of the adult educator and agencies or providers of educational institutions that typically employ adult educators. This course examines the unique nature of the adult learner, roles of professional practice, providers and agencies of adult education, and ethical issues in teaching or training adults. The course will address contemporary forces affecting the education of adults and trends of the profession. **Prerequisite:** None
- 525. History and Philosophy of Adult Education.** This course explores the history and development of the field of adult education and its intersection with higher education and workforce development. The course will address the intellectual, economic, and social factors, which have contributed to the growth of adult education in America as well as the philosophical forces, leaders, movements, and agencies. **Prerequisite:** None
- 526. Adult Learning and Development.** This course is a study of the unique nature and intellectual development of adult learners. The course will address principles and theories of adult learning, learning styles, motivation, and other avenues for adult learning such as incidental, self-directed, experiential, formal, and informal. The course will emphasize traditional and contemporary theories of adult learning. **Prerequisite:** None.
- 527. Program Planning in Adult Education.** This course addresses models and procedures for planning, developing, and administering a variety of Adult-Education programs including workshops, conferences, and symposia. Special topics include needs assessment, how social and organizational contexts affect program planning, practical implementation techniques, ethical issues, and how to evaluate effectiveness. An interactive model is the primary emphasis in this course. **Prerequisite:** None.
- 528. Instructional Design and Methodology.** This course covers the principles and practices for designing and implementing instruction for adults, including lesson planning and selection and use of appropriate instructional methods with application to a variety of work contexts. The course will cover traditional methods as well as innovative approaches. **Prerequisite:** None.
- 529. Leadership of Adult Education Programs.** This course analyzes the principles of leadership necessary in administering an adult-education entity. Content includes theories of change and resource management in addition to practical problems that educational directors may face. **Prerequisite:** None
- 588. Graduate Capstone: Teaching and Training Symposium.** This mandatory capstone course for AHED majors requires students to apply the content and skills they have gained through the program to design and deliver two significant instructional sessions either in a symposium format or within a supervised field location (internship). Instructors provide a rubric stipulating the necessary components of the sessions and how instructors will evaluate each component. Instructors will provide constructive and encouraging feedback after each instructional session, and students will participate in a rigorous process of self-assessment following each instructional session. If requested, a student may also use this course to participate in a supervised internship distinct from his or her regular workplace. The student must secure the internship location in an education setting such as a higher-education institution or a for-profit or non-for-profit organization with an adult-learning function. The program coordinator must approve the internship. As part of the internship, students must engage in meaningful assignments that facilitate adult learning; students must design, implement, and teach two substantive sessions at the intern location. **Prerequisite:** Adult and Higher Education major within the last six hours of the program.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 597. Special Topics.** Instructors will provide an organized class to cover contemporary areas of interest. Students may repeat the course when topics vary.

Art (ART)

- 506. Visual Art: Process, History, and Theory for Elementary Teachers.** This course prepares educators to teach the Texas Essential Knowledge and Skills in Visual Art at the elementary level. Slide lectures and studio experiences will provide knowledge and skills in the following areas: media and processes of 2- and 3-dimensional art, history of western art and other world cultures, analysis of works of art based on visual art elements and principles of design according to various theories of art evaluation, aesthetic philosophy and the relationship of art making to culture, theories and methodologies of art pedagogy in the classroom, and the impact of art making on student development.
- 508. Drama and Theatre: Process, History, and Theory for Elementary Teachers.** This course prepares educators to teach the Texas Essential Knowledge and Skills in Theatre at the elementary level. Drama and theatre content includes elements of dramatic play, conventions of theatre, perception, historical and cultural heritage, critical evaluation, local resources, techniques and materials for creative expression, and performance.
- 510. Arts-Integration: Teaching Elementary Content through the Arts.** This course focuses on the knowledge, terminology, and concepts teachers need to effectively integrate the arts across the curriculum. Students will analyze creativity as an important component of intelligence. Students will examine in detail the higher-order thinking skills that the arts produce in students. The course will cover planning and practice of using the arts in the classroom to teach multiple content areas.
- 515. Impression and Post-Impression Art.** This course examines Impressionism—the artistic movement during the second half of the nineteenth century. The convergence of social, artistic, technological, political, and commercial forces will define the characteristics of this art movement. The course will explore both subject choices and artistic techniques within a larger context of political, social, and cultural history. Students will examine the relationship between the impressionists and post-impressionist painting of artists. Students will also study artists that lived in France and took the style to their countries. The study of key French and American impressionistic artists provides students with the opportunity to strengthen their visual and analytical skills—skills that are fundamental to being a successful student, historian of art, and mentally active individual. Cross-listed with ART 415.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Counseling (COUN)

- 510. Counseling Theories.** This course surveys the major theories of counseling and psychotherapy with emphasis on the application of these theories to counseling situations.
- 511. Introduction to Counseling Services.** This course introduces students to the scope and purposes of the counseling profession. Students will study standards of preparation, codes of ethics, professional organizations, and licensure and certification requirements. Students will examine the importance of the essential characteristics of effective therapists.
- 512. Career Development and Information.** This course combines the use of current career information and career-development theories in career counseling. This course provides an overview of evaluating educational, occupational, and personal social information for career development. The course will cover the nature of work, the dynamics of vocational choice and development, psychological and sociological factors in job selection, manpower trends, occupational surveys, job analysis, and recent publications dealing with these topics.
- 516. Pre-Practicum.** This course provides supervised experience in individual counseling in a laboratory setting. Instructors expect the demonstration of professional standards, counseling, skills, and personal characteristics appropriate to the counseling relationship.
- 517. Assessment in Counseling.** This course integrates theory and practice related to the use of standardized aptitude, achievement, and interest tests. The course will cover the use of appraisal data for educational and vocational advising and placement and follow-up. Students will gain experience in the administration and interpretation of selected aptitude, achievement, and interest assessments. **Prerequisite:** PSY2317
- 520. Counseling Diverse Populations.** This course focuses on the multicultural issues that may arise within the context of counseling clients. The course raises students' awareness of their own values and their clients' values; how these values may differ in the areas of race, gender, sexual orientation, religion, and socio-economic class; and how these differences may impact the therapeutic relationship.

523. **School Counseling.** This course provides an overview of school- and vocational-counseling programs. The course provides an in-depth study of the functions of school counselors, which include counseling, consulting, coordinating, and assessment services. Students will learn how to develop a comprehensive school counseling program that works with and serves students, teachers, staff, and administration.
525. **Practicum.** This course provides experience in applying counseling skills and techniques under supervision in placement settings. Instructors grade this course on a (S) satisfactory or (U) unsatisfactory basis. Students must earn a grade of “B” or better on prerequisite courses to receive consideration for admission to this class. **Prerequisite for LPC program:** COUN 510, 511, 516 and 528; PSY 503 and 575. **Prerequisite for School Counselor option:** COUN 510, 511, 516, and 528; and PSY 575. Students may take COUN 512 and PSY 560 concurrently with Practicum. **Prerequisite for LPC option:** COUN 528. The university offers this course during the Fall and Spring semesters. Students must have prior approval of the internship coordinator. Note: Students who are working a full-time job may only register for one other course when taking Practicum.
526. **Internship.** This course provides advanced field experience in applying counseling skills and techniques under supervision in placement settings. **Prerequisite:** Must have prior permission of Internship Coordinator. Instructors grade this course on a (S) satisfactory or (U) unsatisfactory basis. **Prerequisite for LPC Option:** COUN 512 and 525. **Prerequisite for School Counseling emphasis:** COUN 512 and 525. Students may take COUN 517 concurrently with Internship. NOTE: Students who are working a full-time job may only register for one other course when taking Internship.
528. **Group Procedures in Counseling.** This course examines the dynamics of group process and practice with emphasis on theory and techniques of group leadership. The course requires a research paper on theory, procedure, or issues in-group counseling. **Prerequisite:** COUN 510, 511, 516 and instructor permission. Students must complete this course prior to Internship for Elementary School emphasis.
530. **Bereavement Counseling.** This course provides an in-depth study in counseling individuals who are coping with significant losses, dying, and death. The course will highlight counseling theories and approaches that assist people through the grief process. **Prerequisite:** COUN 516.
534. **Counseling Children and Adolescents.** This course is a didactic and experiential course that prepares students to work with the special needs of children and adolescents. This course will focus on developmental needs, specific therapeutic interventions, and common emotional issues of children and adolescents. Students will practice group and individual counseling techniques and cover treatment options.
536. **Introduction to Trauma Counseling.** This course provides an introduction to working with populations who have experienced trauma. The focus of the course is to assist counselors in training to become familiar with the symptoms, evaluation, and treatment processes associated with trauma. The course requires basic knowledge of crisis intervention, assessment, and counseling skills. **Prerequisite:** COUN 585.
538. **Advanced Counseling.** This course covers the skills necessary to work within the field of counseling. The focus of the course is to expand on current theories and methods of advanced therapy techniques required in the mental-health professions. The course extends specific counseling skills and explores specific specialties within the field of counseling. **Prerequisite:** COUN 510.
540. **Introduction to Play Therapy.** This course assists those who work with children in understanding the fundamental tenets of play therapy; helps participants develop an effective philosophy of an approach to play therapy; increases participants understanding of the inner world and behavior of children; helps students connect with children on a feeling level; promotes self-awareness and self-understanding; increases participants’ understanding of child development, particularly with children ages three to nine; enhances participants’ sensitivity to and acceptance of others; and equips students with beginning-level play-therapy skills.
541. **Counseling the Substance Abuser: Prevention, Intervention, and Treatment.** This course assumes that substance abusers and their families are a heterogeneous group and must receive treatment from an individualized perspective. Clients dealing with substance abuse issues vary in their behavior patterns; the physical effects of drugs on them; the life consequences of their drinking or other drug use; and their personality, social environment, gender, culture, and other life-span variables. Counseling strategies need to fit the goals and needs of the individual client. The counselor must develop the skills needed to work either as a substance-abuse specialist or as a generalist who must sometimes address substance-abuse problems or issues. Each student will be able to describe the history and scope of drug use in the United States, developmental correlates, and cultural differences affecting drug and substance abuse. Students will

be able to document their understanding of drugs and addictions, recovery, and social problems with citations from current research.

- 585. Crisis Intervention: Theory and Practice.** This course is an overview of crisis intervention. Students examine and operationalize major theoretical models of situational crises across a variety of service-delivery systems. Students will develop conceptual competency necessary for professionals who engage in crisis interventions. The course emphasizes contemporary research in suicidology, disaster psychology, and crisis management for public schools. Topics of discussion include emergency situations such as natural disasters, terrorism, school violence, abuse, and crisis interventions with diverse populations. **Prerequisite:** COUN 516.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Criminal Justice (CJ)

- 510. Criminal Justice Ethics.** This course is a discussion of classical ethical theories and their consideration in the administration of criminal justice. Students will pay specific attention to the application of these theories and the ethical development of criminal-justice officials. Topics of discussion will include current ethical issues and their relationship to meta-ethical frameworks.
- 521. Seminar in Policing.** This course is a seminar that will focus on problematic issues in law enforcement. In addition to long-term intransient issues, this course examines contemporary issues based on recent and ongoing events. Cross-listed with CJ 421.
- 547. Seminar on Corrections.** This course examines the field of corrections from both historical and contemporary perspectives. Students will discuss earlier forms of punishment, evolution of modern prisons, and the concept of community-based corrections.
- 570. Seminar in Justice Administration.** This course identifies and discusses the roles of the key players in the judicial process. Students will discuss the prosecutor's office, selection and use of juries, selection of prosecutors and judges, plea negotiations, courtroom work groups, representation of indigent defendants, and other issues pertinent to the interpretation and applications of law.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Education (ED)

- 500. Induction for Novice Teachers.** This course provides systematic training and ongoing support for new teachers before the first day of public school and continuing throughout the first semester. Students in the Alternative Certification Program, those in POINTE: Partnering Opportunities Inspiring Novice Teacher Excellence (a Regents' Initiative II program), and newly certified teachers may participate to enhance their public school students' achievement and for their own career satisfaction. The course will begin during the summer with two days of training for setting up their classrooms and gearing up for the first week of their teaching career. Instructors will conduct a needs assessment during these sessions that will determine the topics of the speakers for the monthly seminars. **Prerequisite:** Employment in a local public school.
- 506. Classroom Management and Basic Law for Teachers.** This course will present all aspects of classroom management from organizing classroom space to strategies for dealing with student behavior. Instructors will present basic Texas education laws ranging from contracts to the First Amendment in schools. This course will prepare the student to feel confident not only on the first day of school but also for the entire year. **Prerequisite:** Acceptance into the Alternative Certification Program.
- 508. Introduction to Teaching.** This course presents theories of learning along with their impact on strategies for effective teaching. Students will study educational measurement and evaluation (TAKS) schools use.
- 510. Clinical Practicum.** This course provides supervised experiences for Interns on Probationary Certificates. Students must earn a total of six semester hours, over two semesters, to receive recommendation for a Standard Certificate. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis.
- 520. Education Research Literature and Techniques.** This course provides the following: (1) the processes and tools necessary to locate, read, understand, and critique existing education research and (2) the fundamental techniques of planning, conducting, and reporting qualitative and quantitative research in the broad field of education.

547. **Evaluating Learning.** This course analyzes the components of a comprehensive assessment program. The course emphasizes formative and summative assessments in the context of research-based principles of effective assessment.
551. **Effective Strategies for Student Success.** This course presents high-yield strategies to improve teaching and learning. Students apply innovative pedagogical methods and differentiated learning techniques in a field-based component.
553. **The Middle School.** The middle school provides educational experiences for the student who is making the transition from childhood to adolescence. These students differ significantly from elementary-school children and from adolescents in the high school. This course explores those unique differences with respect to students, curriculum, and organization.
557. **Innovative Learner-Centered Instructional Strategies for Student Success.** This course contains the professional body of knowledge necessary for the effective teaching of diverse learners for student success. This course focuses on understanding theories and strategies that address the needs of a diverse population that composes today's classrooms in the public-school systems. This course covers diversity issues, planning techniques, effective teaching strategies, differentiated instructional and assessment strategies, motivational concepts, and informal and formal assessment practices.
565. **Differentiating Instruction for Individual Learner Needs.** The primary focus of this course is how to differentiate instruction within the classroom setting so that students with individual learning needs have equal access to learning the curriculum. The course emphasizes different avenues for acquiring content and processing or understanding ideas. The course addresses theoretical frameworks such as neuro-developmental constructs, multiple intelligences, emotional intelligences, and learning styles.
Prerequisite: ED 551.
570. **Strategies in Composition.** While reading recent studies of the composing process, students evaluate strategies for teaching composition, including remedial and creative writing. In addition, each student researches an area of special interest within the field of composition studies, writes a review of this research, and presents a summary of findings in an oral presentation to the class. This course requires permission of the instructor to enroll. **Corequisite:** Students must take this course concurrently with ED 571. Cross-listed with ENG 570.
571. **Improving Students' Writing in the School.** Students analyze current research in composition and writing across the curriculum with special emphasis upon the theoretical approach the National Writing Project developed. Further, after researching an area of special interest, each student applies theoretical principles by developing a unit of instruction and presenting a demonstration. This course requires permission of the instructor to enroll. **Corequisite:** Students must take this course concurrently with ED 570. Cross-listed with ENG 571.
573. **Leadership and Mentoring in Education.** This course is a core requirement for graduate students seeking a degree in Curriculum and Instruction or a prescribed elective for graduate students seeking master teacher certification. The course focuses upon building leadership capacity through the role of the master teacher. The course will address techniques for effective consultation, mentoring, and coaching along with specific strategies for professional collaboration.
577. **Public-School Law for Teachers.** This course educates current and future teachers to become legally literate. A study of the federal and state legal framework serves as the foundation for a more in-depth investigation of the impact of, and relationship between, constitutional, statutory, administrative, and judicial (case) law on a teacher's personal and professional life.
578. **Global Studies in Education.** This course addresses the concepts and theoretical approaches of comparative education and investigates relevant global issues through international field experience and cultural immersion. Pre-requisite: Required travel outside of the United States.
585. **Alternative Certification Internship.** This course provides supervised experiences for Interns on Probationary Certificates. Students must earn a total of six semester hours, over two semesters, to receive recommendation for a Standard Certificate. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis.
586. **Early Childhood Education: Methods of Math, Science, and Physical Education.** This course supports and enhances the teaching skills of Alternative Teacher Certification Program interns in the classroom setting in the content fields of Math, Science, and Physical Education. **Prerequisite:** Admission to the Alternative Certification Program.
587. **Early Childhood Education-4th Grade: Methods of Language Arts, Social Studies, and Fine Arts.** This course acquaints and supports the student with the concepts, teaching strategies, material resources,

and TExES Standards to teach the content in the fields of Language Arts, Social Studies, and Fine Arts.
Prerequisite: Admission to the Alternative Certification Program.

- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 590. Curriculum Alignment for School Improvement.** This course focuses upon the theories and related practices of applied-curriculum leadership, including topological and deep alignment of the written, taught, and tested curriculum as well as curriculum planning, implementation, and management based on selected trend data and state, national, and international standards. Students will study research-based curriculum-related elements of high-performing schools.
- 591. Interdisciplinary Curriculum Design.** These courses provide teachers with the knowledge and skills needed to facilitate the effective design and delivery of a Science-Technology-Engineering-Mathematics (STEM) focused, concept-based curriculum in a learner-centered classroom using an interdisciplinary approach. Students will examine cognition and innovation, as applied to the development and delivery of an interdisciplinary STEM curriculum, as they explore contemporary research in instructional practice and 21st-century skills. Students will learn and develop alternative forms of assessment appropriate for the non-traditional, learner-centered classroom as well as the delivery and integration of science, technology, engineering, and mathematics into classroom activities and concepts. Learners will develop a personal research-based instructional-delivery model reflecting their educational philosophy and approach.
- 592. Interdisciplinary Curriculum Delivery.** These courses provide teachers with the knowledge and skills needed to facilitate the effective design and delivery of a Science-Technology-Engineering-Mathematics (STEM) focused, concept-based curriculum in a learner-centered classroom using an interdisciplinary approach. Students will examine cognition and innovation, as applied to the development and delivery of an interdisciplinary STEM curriculum, as they explore contemporary research in instructional practice and 21st-century skills. Students will learn and develop alternative forms of assessment appropriate for the non-traditional, learner-centered classroom, as well as the delivery and integration of science, technology, engineering, and mathematics into classroom activities and concepts. Learners will develop a personal research-based instructional delivery model reflecting their educational philosophy and approach.
- 593. Teaching in a Multicultural Setting.** This course surveys the historical, psychological, social, and economic factors influencing pupil behavior in the public school setting. This course develops in-depth cross-cultural studies and teaching strategies relating to the subject matter and social-education experiences of major U.S. minority groups. This course is useful to teachers at all levels.
- 597. Special Topics.** Instructors will provide an organized class to probe new curricula designs, instructional strategies, or evaluative techniques. Students may repeat the course when topics vary. **Education (ED)**

Education Administration (EDAD)

- 510. Curriculum Studies.** This course develops a comprehensive understanding of modern curricular trends. The course includes historical data and current research with emphasis on aims, purposes, and outcomes of curricular changes.
- 531. Instructional Leadership.** This course provides both the knowledge and skills an instructional leader needs in the application of a development system that he or she bases upon a culture that is ethical, learner-centered, collaborative, and continuously seeking to improve and facilitates the achievement of high expectations. The goal is to attain and sustain leader behavior that assures quality student performance that enhances the probability of success through the application of a systemic approach that emphasizes the interrelationships that exist between and among the following Instructional Leadership Development (ILD) components: data-driven decision making, supervision, professional development, organizational management, curriculum-instruction assessment, evaluation, and community partnerships communication. The student who successfully completes this course will earn ILD certification that the Texas Education Agency requires for the principalship.
- 540. School Finance and Management.** This course focuses on the role of the principal in the planning, development, and implementation of the financial aspect of a campus including budgeting, purchasing, human resources, and business-office management that most effectively and equitably meets the instructional needs of the building and specifically supports increased student achievement that the campus improvement plan specifies. The management component of the course will address scheduling, discipline, and facility management.
- 560. Technology for School Improvement.** This course for graduate students includes technology for school improvement. Topics include information connecting learning communities, curriculum integration, staff

- development, sustainment of infrastructure, and planning for the future. The class will have opportunities to work directly with programs on campus.
- 567. Supervision of Instruction.** This course focuses on the role of the principal in promoting improved instruction in the classroom through the evaluation and professional development of faculty. The course will emphasize aspects of clinical supervision, including classroom observation, conferencing skills, and development of improvement plans through systemic staff development. **Prerequisite:** EDAD 531.
- 570. Texas School Law.** The purpose of this course is to examine the legal framework and study the impact of any relationship between constitutional law, statutory law, administrative law, and judicial law that influences school administrators and faculty. This course involves field-based challenges emphasizing a high level of professional personnel accountability. As a result of increase in litigation throughout the global society, school leaders must be able to deal with a multitude of legal issues regarding constitutional rights, contracts, property claims, and torts along with the impact of curriculum, instruction, and assessment plus student and employee rights in case law influencing the public schools. A primary focus will deal with certificate proficiencies and competencies as the State Board of Educator Certification Frameworks outlines. Approximately 40% of the TExES 068 Principal Certification Exam will come from concepts and details this exciting course covers.
- 574. Administration of Special and Compensatory Programs.** This course prepares students to administer special and compensatory education programs. The course emphasizes basic concepts, issues, problems, and procedures in the management of special and compensatory education. The student's evaluation of these programs will be from both the legal and ethical perspectives that guide decisions necessary to provide opportunities for all students to be successful in school.
- 580. The Principalship for Campus and Community.** This is a study of the roles and responsibilities of the principal in the elementary, middle, and secondary schools. The course emphasizes the leadership roles of the principal in relationship to the organizational culture, school-wide improvement, curriculum development, and school and community relations. Successful school leaders also understand the dynamics of working in diverse and multicultural settings.
- 588. Principal Internship.** The internship is a field-based course in which the student practices acquired skills and theories in an educational setting at the middle-level management position. **Prerequisite:** Program director's approval. Students may take this course for up to 6 SCH.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 690. Executive Leadership of the Education Community.** This course provides prospective public-school superintendents with the knowledge and skills necessary to act with integrity and fairness and in an ethical manner to promote the success of all students. The course emphasizes shaping the district culture by facilitating the development, articulation, implementation, and stewardship of a vision of learning that the educational community and the board of trustees shares and supports. Students will discuss skills in communicating and collaborating with families and community members, responding to diversity, and mobilizing resources to ensure student success. Instructors will place particular emphasis upon the knowledge and skills necessary to respond to and influence the larger political, social, economic, legal, and cultural context that impacts a superintendent's work with the board of trustees, the Texas Legislature, state and federal agencies, and education support organizations. **Prerequisite:** Master's degree with Principal certification or program director's approval.
- 691. Superintendent Internship.** This course requires internship activities in all SBEC superintendent competencies that the field-based activities in EDAD 590, EDAD 594, and EDAD 598 do not include unless the instructor determines the activities unnecessary based upon the student's prior experience. Internship sites shall include private business, state government and management, public schools, public-school support institutions, non-profit organizations, and others instructors determine are appropriate on an individual basis. **Prerequisite:** Program Director's approval.
- 694. Executive Instructional Leadership.** Leadership at the chief executive officer (CEO) level is the theme of this course. The focus is on instructional leadership and the role of the superintendent as CEO of curriculum, instruction, and assessment for the district. Students learn to interface effectively with organizations and other CEOs in the community to explain the district's instructional program and combine it with the economic-development needs of the community. The course emphasizes the refinement of public-communications skills, leadership ethics, the use of technology as a leadership tool, the change process as related to school reform, and long-range planning for district-level improvement in student achievement. **Prerequisite:** Principal certification or program director's approval.

- 698. Executive Leadership: Finance and Administration.** Students will study public-school finance at the superintendent level and the general operation of the business office and other peripheral support functions of a public school. Related topics include student food services, transportation, facility management, maintenance and construction, development and marketing of bond elections, and safe schools. The course emphasizes technology-based infrastructure that supports student, personnel, and financing management. **Prerequisite:** Principal certification or program director's approval.

English (ENG)

- 555. Linguistics.** This course provides an introduction to principles of how language develops, changes, and functions. The course focuses on the differences among world languages, the history of the English language, and analysis of modern English phonology, morphology, and syntax (sound, units of meaning, and word order).
The East Texas Writing Project Summer Institute includes English 570 and 571.
- 570. Strategies in Composition.** While reading recent studies of the composing process, students evaluate strategies for teaching composition, including remedial and creative writing. In addition, each student researches an area of special interest within the field of composition studies, writes a review of this research, and presents a summary of findings in an oral presentation to the class. This course requires permission of the instructor to enroll. **Prerequisite:** Students must take this course concurrently with ED 571. Cross-listed with ENG 570.
- 571. Improving Students' Writing in the School.** Students analyze current research in composition and writing across the curriculum with special emphasis upon the theoretical approach the National Writing Project developed. Further, after researching an area of special interest, each student applies theoretical principles by developing a unit of instruction and presenting a demonstration. This course requires permission of the instructor to enroll. **Prerequisite:** Students must take this course concurrently with ED 570. Cross-listed with ENG 571.
- 572. Readings in Composition.** This course offers extensive readings in the study of written composition and requires participants to attend a series of writing workshops the East Texas Writing Project sponsors in conjunction with the Region VIII Educational Service Center.
- 575. Current Issues in English Studies.** This is the capstone course for students seeking the Master of Arts or the Master of Science in Teaching English degree. Students conduct an in-depth study of topics in English language, literature, or composition through traditional or applied research. Students report on their progress and make a final presentation of their findings in seminar sessions. **Prerequisite:** Enrollment limited to students in their final semester of the MA in English program. **Prerequisite:** Instructor permission.
- 580. Seminar in Literature.** This course examines an individual author or group of authors, the study of a literary theme, or the study of a particular genre. Students may repeat the course when topics vary.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 595. Research Literature and Techniques.** This course offers a review of research by scholars in selected areas of English language and literature with emphasis on critical approaches and research methodology. Replaces IS 595 for English majors.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

English Education (ENED)

- 597. Special Topics in English Education.** Instructors will provide an organized class. Students may repeat the course when topics vary.

History (HIST)

- 500. Historiography.** Historiography is the study of the principles, theory, and history of historical writing. The first half of this course examines historiography in the broadest sense of the word. Students read about different perspectives and schools of analysis. The second half of this course focuses on historiography in its narrower sense, requiring students to research a variety of approaches, methods, and interpretations historians use to research a particular topic. Based on their historiographic and bibliographic research of a selected topic, students must write a paper.

- 501. Methods and Principles of Historical Research.** This course examines the methodology of historical research. Participants will research and write a paper on a selected topic.
- 510. Knights and Samurai: Medieval Warrior Cultures.** Warrior elites are common in the history of human societies, especially during the medieval period of Europe and Japan. Students will study the ideological, social, cultural, religious, and political influences on the development of these cultures and will gain an understanding of how they developed, flourished, and decayed.
- 520. Readings in the History of Colonial America.** Students will read books, write reviews, and critically evaluate research in the history of Colonial America.
- 525. The Decline and Fall of the Roman Empire.** 200 years have passed since Edward Gibbon spoke eloquently of the "decline and fall of the Roman Empire" and the "triumph of barbarism and religion." This course will focus on the Roman Empire and its neighbors in the Mediterranean world from the first through eight centuries A.D. Topics will include the conflict between paganism and Christianity; Constantine's conversion of classical culture; Rome and the barbarians; the military collapse of the western empire; asceticism and monasticism; women in late antiquity; and the origins of Islam. Students will consider all of these topics within the framework of the end of the Roman Empire, although students will have great latitude to develop research projects covering any topic within the period and scope of the course.
- 530. Readings in the History of the American Civil War.** Students will read books, write reviews, and critically evaluate research in the political, social, and military history of the American Civil War.
- 535. Crusades, Councils, and King Arthur: Europe in 1215.** 1215 was a seminal year in the history of Europe. Three broad trends in medieval history and culture all reached a confluence around this date: the signing of the Magna Carta, the Fourth Lateran Council, the crusading movement, and the writing of the Lancelot-Grail cycle. Students will examine how each of these events came to be in their effects. This course will allow careful study of medieval governance and law for both kings and the medieval church as well as the development of medieval culture and literature.
- 555. American History and American Films.** Students study how people can use American films to better understand American history and how some films have influenced American history.
- 565. History of Early Texas and the U.S.-Mexican War.** Through selected readings, students in this course study the social, economic, and political history of Mexican Texas, the Texas Republic, and the U.S.-Mexican War.
- 570. Popes, Paupers, and Heretics: The Christian Church in the Middle Ages.** The Christian church was one of the most important forces in the shaping of medieval Europe. This course will allow students to study the medieval church from a variety of perspectives. Topics include the rise of the Papacy, the development of monasticism, the office of the bishop, lay, piety, religious literature, and the codification of canon law and religious dogma. Students will learn that, far from the monolithic institution so often caricatured in later accounts, the medieval church was a vibrant institution rife with internal arguments and tensions.
- 571. Latin American History through Film.** The course examines Latin American history through cinema. It will provide background on certain historical events and analyze how films have portrayed and interpreted such events. To enhance analysis of the screened films, the assigned readings play an important role in the course.
- 572. Colonial Spanish America.** This course examines the social, economic, political, and religious forces that shaped colonial Latin America. The first half of the course emphasizes the era of encounter and conquest, and the second half of the course examines later colonial eras.
- 573. Readings in Mexican History.** This course studies the social, economic, and political history of Mexico. Students form colloquiums and choose three topics for their group to study. They read books on each topic, write critiques, make oral presentations, and participate in class discussions. The course will also feature other formal and informal writing assignments.
- 580. Asian History.** Readings in the history of 20th century Asia studies some of the religious, cultural, social, and political issues that influence 20th-century Asian history. Students must read four books with sufficient proficiency to write an intellectually sound analysis. For three of the books, students will make an oral presentation and respond to class questions. Students will participate in colloquiums in which their colleagues read books on similar topics. The goal is that all of the participants will have sufficient knowledge of a topic to inspire spirited verbal sparring in class. Instructors will evaluate class contributions.

- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Instructional Technology (ITED)

- 501. Instructional Technology Foundations.** This course provides an introduction to the field of Instructional Technology (IT). It addresses the fundamentals of Instructional Technology, including the history of the field, instructional-systems-development (ISD) models, learning theories, instructional-design theories, performance technology, trends and issues, and career opportunities.
- 511. Teaching with Emerging Technologies.** The Web 2.0 and other emerging learning technologies have the potential to provide effective and powerful learning environments in which learners can develop skills the information age requires. This course explores innovative ways of using emerging technologies to facilitate learning and to improve teaching methods. Topics include blogs, podcasts, wikis, online social networks, virtual worlds, and digital game-based learning.
- 512. Evaluation in Instructional Technology.** This course will focus on two main components: (1) formative and summative evaluation of instructional materials and (2) program evaluations in the field of instructional technology. Students will explore several aspects of conducting evaluations: planning and designing an evaluation, developing appropriate instruments, collecting and analyzing data, and communicating results and recommendations. **Prerequisite:** ITED 520.
- 520. Instructional Design and Development.** This course provides students with experiences necessary to develop the knowledge, skills, and attitudes necessary for designing effective instruction that meets the needs of the information age. Students will explore the instructional-systems-development (ISD) process from analysis through evaluation and engage in authentic instruction-design activities. **Prerequisite:** instructor permission. Replaces ITED 502 and 503.
- 521. Instructional Multimedia Design and Development.** This course prepares students to develop the ability to apply theories of multimedia learning and design principles to multimedia design and to produce an effective Web-based multimedia lesson. It addresses theoretical foundations, principles of multimedia learning, the multimedia-design process, interface design, typography, graphic design, audio and video production, and instructional animations. **Prerequisite:** ITED 520.
- 523. Online Learning and Teaching.** This course focuses on two major components: (1) research on e-learning and (2) e-learning course development. Students will explore a variety of issues in online teaching and learning, conduct research, and engage in authentic design activities. The activities include developing a design document, interviewing SME's, developing content drafts, writing media scripts, and creating an online course. **Prerequisite:** ITED 520.
- 530. Research in Instructional Technology.** This course provides an overview of research methodologies. It examines quantitative, qualitative, and mixed-methods approaches. Particularly, it emphasizes the need for improving the knowledge base about instruction and focuses on research methods for building design theory. Students will explore diverse research methods, critique research articles, and develop research plans.
- 532. Leadership in Instructional Technology.** This course aims to prepare students for leadership roles in the Instructional Technology field. It explores leadership theories and models and provides practical guidance for developing basic leadership skills. Beyond the basics, it also examines new roles and skills of leaders for facilitating technology transformation as well as for building learning organizations.
- 550. Advanced Instructional Web site Development.** This course introduces the student to the concepts of Web site development using basic Web editors and presents Cascading Style Sheets (CSS) as a conceptual bridge to the technical aspect of Web development. This course requires no programming. **Prerequisites:** ITED 315 or 350.
- 560. Introduction to Web-Based Instructional Content Development.** This course teaches the principles and application of Hyper Text Markup Language (HTML) and object-oriented programming using Java Script. The course emphasizes fundamental programming techniques, concepts, and documentation entities use in instructional-software development.
- 580. Advanced Instructional-Technology-Project Management.** This course introduces students to the basic processes of project management for instructional-design projects. Students will learn about the project-development cycle, organizational issues, methods of planning, and techniques for managing the business

and creative aspect of a successful instructional-technology project. In addition, students will learn to use project-management software for organizing, scheduling, and monitoring project progress.

- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 590. Internship in Instructional Technology.** This course is a supervised field-based experience in which students demonstrate the ability to apply knowledge, skills, and dispositions they have acquired through program coursework to the design, development, evaluation, and implementation of technology-based instructional and training projects in a real-life work setting. The internship experience provides students the opportunity to apply theories, concepts, and principles of instructional technology to solve an instructional or a training problem in authentic education or corporate settings. Students may take the course when they have completed 90% of the coursework.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Interdisciplinary Studies (IS)

- 518. Thesis.** This course affords students the opportunity to undertake individual research. Instructors will grade this course on a (S) Satisfactory or (U) Unsatisfactory basis. (6 SCH).
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 595. Research Literature and Techniques.** This course provides a review of research studies that investigators in student's major field of study produce. The course emphasizes investigative and verification techniques. Students must demonstrate competence in using systematic research techniques through the investigation and formal reporting of a problem.
- 596. MSIS Research Project.** This is an independent or directed-study course wherein the student refines and completes a final project for the MSIS degree. The instructor and an outside evaluator will work with the student during the semester, and the student will submit rough drafts of the project throughout the semester. The student's mentor and two additional faculty members will evaluate him or her. The faculty will look for evidence that the student has mastered the learning outcomes expected in the MSIS program.

Mass Communication (MCOM)

- 505. Political Communications.** This course covers the prevalent political communication theories and trends, the relationship between political institutions and the press both in the U.S. and in other countries, elections, debates, political campaigning and advertising, new media and politics, political socialization, education, politics, and popular culture.
- 510. International Field Study in Journalism.** Students will become familiar with the media and political systems of another country. The course requires ten-day travel to the country. Students may repeat the course one time for a different country of study. The course requires travel outside of the United States.
- 515. Advanced Public-Relations Strategies.** This course is a survey of theories of public relations and their practice by business, government, politicians, and non-profits. Assignments and discussions will emphasize case studies and the application of theory to provide an in-depth understanding of planning, executing, and evaluating a public-relations campaign. Lectures and readings will cover a campaign's components: assessing the situation, developing key messages, delineating targeted publics, disseminating the message through various channels, and measuring effectiveness. The course will emphasize new media, social networks, blogs, and other communication platforms.
- 520. Advanced Photojournalism.** This course will prepare students for professional opportunities in both print and media. In addition, students will learn to photograph news, portraits, features, and sports. Students will also become proficient in Adobe Photoshop.
- 589. Independent Study in Mass Communication.** This course provides individual instruction. Students may repeat the course when topics vary.
- 590. Communication Practicum.** This field-based course provides students with an opportunity to put theoretical ideas they have learned in communication courses into practice. Students can situate the practicum within nearly any setting that requires advanced communication skills such as within the business and non-profit communities as well as a media enterprise. Students should be in their final semester to enroll in this course.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Political Science (PSCI)

- 501. Readings in the Political Science Canon.** At the end of the term, students will be able to identify, evaluate, and analyze the key texts and readings in the broader Political Science literature and associate those with general theoretical schools, specific theoretical approaches, scientific assessment, and how all of the preceding has developed and the continuing controversies in political-science scholarship.
- 502. The Scope and Methods of Political Science.** At the end of the semester, students will be able to demonstrate the appropriate understanding of how people initiate, perform, report, and critique modern Political Science scholarship. The course presents a general background of the methods political scientists use in the empirical study of their discipline. The background provides the knowledge necessary to conduct objective investigations of empirical phenomena individually or to better understand and evaluate the research of others.
- 540. Seminar in Comparative Politics: Methods, Theories, Approaches.** This course provides a survey of the classic literature in the field of Comparative Politics. The course introduces students to the history of the field, fundamental theories, concepts, approaches and theories, major themes and topics, and methodological diversity.
- 541. Democracy and Democratization.** This course provides an examination of the strengths and weaknesses of various definitions and concepts of democracy as well as factors, which promote or impede both the emergence of democracy and its consolidation.
- 560. Political Parties and Elections.** This course provides an in-depth examination of American political parties and elections. The course considers the historical development of parties, connections between parties and elections, and the state of parties today in relation to organization, voting behavior, and governing. The course explores the presidential-election system, reviewing the various procedural stages, the role of money, media, third parties, and areas for reform.
- 565. The Presidency.** This graduate seminar explores the U.S. presidency. It applies different approaches, including individual and institutional-level, to study the office of the president. Analysis will cover specific dimensions of presidential activity, including political-party relationships, public communication, staffing and management, legislative relations, and foreign policy.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Psychology (PSY)

- 503. Psychology of Behavior Disorders.** This course prepares students to diagnose psychological disorders using the current diagnostic manual. The course will use videotape cases to illustrate the various types of disorders. The course emphasizes gathering relevant information from the clinical interview, psychometrics, and other sources to assist in the diagnostic process. **Prerequisite:** PSY 316 or equivalent.
- 516. Psychological Theories of Learning.** This course surveys the various theories of learning from classical and operant conditioning to cognitive-developmental models and information processing. The course emphasizes the application of appropriate theories to real-life situations.
- 535. Behavior Modification.** This course examines principles and techniques of behavior modification that clinical, school, industrial, and self-modification programs use.
- 539. Advanced Psychological Statistics.** This course explores advanced statistical methods common to research in psychology and other social-science disciplines. **Prerequisite:** PSYC 2317.
- 540. Research Literature and Techniques.** This course employs review and research studies investigators in the student's major field produce with emphasis on the investigative and verification techniques the investigators employed. Students must demonstrate competence in using systematic research techniques through the investigation and formal reporting of a problem. Replaces IS 595 for Counseling Psychology majors. **Prerequisite:** PSYC 2317.
- 541. Advanced Cognitive Psychology.** Students will examine the fundamentals of human cognitive processes through an in-depth analysis of current literature.
- 542. Advanced Physiological Psychology.** Students will examine the literature and perform hands-on activities to understand more fully the biological basis that underlies human behavior.
- 543. Human Growth and Development.** This course examines physical, cognitive, and psychosexual development across the human life span. The course emphasizes the complex process that grows out of the interactions between a changing person and a changing world that continues throughout the entire life span.

- 544. Advanced Social Psychology.** This course will examine the social influences on human behavior by reviewing current and historically relevant psychological research.
- 545. Human Sexual Behavior.** This course examines biological capabilities, psychological characteristics, and social and cultural influences on human sexual behavior. The course emphasizes the diversity of sexual learning, attitudes, and values. Students who have already completed PSY 445 are not eligible for this course. Cross-listed with PSY 445.
- 546. Advanced Personality Theories.** Students will explore the theoretical models proposed to underlie personality.
- 560. Clinical Assessment.** This course provides students with a historical perspective concerning the nature and meaning of assessment. It addresses basic concepts of standardized and non-standardized methods of clinical assessment for a variety of clinical settings. The course also addresses the statistical and psychometric concepts of reliability and validity. The student will learn how psychologists use the Mental Status Exam, Clinical Interview, and MMPI-2 in clinical settings and how to perform these assessments complete to report writing. The student will learn how to evaluate the quality of testing instruments. The course also addresses issues of diversity and ethical strategies for selecting, administering, and interpreting assessment and evaluation instruments. **Prerequisite:** PSYC 2317.
- 572. Intelligence Testing.** This course focuses on the assessment of intelligence of children, adolescents, and adults. The course will familiarize students with the history, purpose, and process of measuring intelligence. Students will administer, score, and interpret results on the WPPSI-III, WISC-IV, and the WAIS-III.
- 575. Ethics in Counseling and Psychology.** This course explores the range of ethical issues that professionals may encounter within the field of psychology. Through lecture, discussion, reading, and role-plays, students will explore such issues as ethical codes and ethical decision-making, boundaries of competence, confidentiality, dual relationships, insurance and third-party payments, advertising, assessment, teaching, therapy, and research.
- 578. Marriage and Family Therapy.** This course provides an examination of the application of relationship counseling theory to the study of marital systems and the application of family systems theory to the study of family dynamics. The course will focus upon structural, strategic, and system approaches. Students employ a combination of didactic and experiential methods. Students must participate in role-playing and strategic exercises.
- 579. Psychopharmacology for Counselors.** The course is a basic introduction to psychopharmacology non-medical counselors. Students will discuss and apply basic neuropsychological principles to relevant diagnostic groups involving various classes of psychopharmacological medications. The course will help counselors to understand client issues that pertain to psychopharmacology. It will equip the counselor-in-training to better understand psychopharmacology and to interact with medical personnel who prescribe psychotherapeutic medications. This training will allow counselors to understand how doctors use medications and how the application of various psychopharmacological medications can affect the counseling process.
- 581. Child and Adolescent Psychology.** This course examines the bio-psychosocial issues of children and adolescents. The course covers psychological theories and counseling interventions that address the emotional needs of children and adolescents. The course emphasizes the diagnosis of psychological disorders and psychological treatment.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Reading (RDG)

- 501. Fundamentals of Reading Instruction.** This course is for prospective teachers who have little or no knowledge about teaching reading. Students cover major reading skills and techniques for teaching them.
- 526. Developing Cognitive Readiness in Literacy.** This course will enable students who are currently early childhood education teachers to provide optimal support to young children's cognitive development in literacy. The course will focus on the theoretical and research foundations of effective early childhood education in the areas of classroom management, phonological awareness, language and vocabulary development, letter knowledge, and written expression.

- 560. Diagnostic and Remedial Reading.** This course focuses on evidence-based reading interventions for struggling readers. The course addresses the components of effective reading instruction, scientifically based reading strategies, and appropriate literacy assessments.
- 561. Clinical Practicum in Reading.** This course focuses on evidence-based reading instruction. Students apply the features of effective reading instruction, scientifically based reading strategies, and appropriate literacy assessments in a clinical setting.
- 562. Prescriptive Reading.** This course provides the classroom teacher with a framework for examining reading difficulties and techniques for evaluating and providing for reading strengths and weaknesses.
- 563. Teaching Reading in the Content Areas.** This course assists the content-area teacher in acquiring the necessary understandings and techniques to more effectively facilitate learning from textbooks.
- 570. Literacy and Cognition.** This course is a prescribed elective for graduate students seeking certification as a Master Reading Teacher (MRT). The course will focus on the cognitive and psycholinguistic aspects of the reading process and investigate the research base for the components and features of effective reading instruction. The course will assist the MRT in developing sound theoretical foundations in reading and equip the MRT with a working knowledge of current research in literacy. **Prerequisite:** RDG 560 and 561 or Online Teacher Reading Academy (OTRA) and acceptance to the Master Reading Teacher Program.
- 571. Evidence of Reading Proficiency.** This course is a prescribed elective for graduate students seeking certification as a Master Reading Teacher (MRT). The course will focus on instructional decision making in reading using a convergence of evidence. The course will address the process of gathering evidence of reading proficiency using appropriate data sources and interpretations. **Prerequisite:** RDG 560 and 561 or Online Teacher Reading Academy (OTRA) and acceptance to the Master Reading Teacher Program.
- 572. Evidence-Based Reading Intervention.** This course is a prescribed elective for graduate students seeking certification as a Master Reading Teacher (MRT). The course will address the design and implementation of evidence-based reading interventions. **Prerequisite:** RDG 560 and 561 or Online Teacher Reading Academy (OTRA) and acceptance to the Master Reading Teacher Program.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.

Sociology (SOC)

- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Special Education (SPED)

- 520. Technology for Inclusion.** This course will focus on developing students' understanding of learners with special needs and the use of assistive technologies (AT) to meet the needs of such learners in inclusive settings. Topics include inclusion, accessible design, and using technology to meet the objectives of the Individualized Educational Plan and Transitional Plans of students with disabilities.
- 525. Special Education Law.** Through reading, lecture, multimedia presentations, and research, the student will explore special-education legislation (federal and state) that has influenced the current practices in public and private schools, agencies, communities, and public services relative to individuals with disabilities. The course will emphasize current public-school regulations and practices legislators have established through the influence of litigated decisions and legislation.
- 540. Introduction to Exceptional Learners.** This course gives teachers foundational knowledge and basic understandings needed to work with students with exceptionalities. It focuses on the learning and behavioral characteristics of students with exceptionalities and laws relative to this population. The course explores current research, issues, and trends.
- 541. Assessment and Instructional Planning.** Focusing on individuals with exceptionalities and those who are at-risk, this course examines a variety of evaluation procedures including formal and informal methods. The course emphasizes interpretation and application of evaluation results. The course explores current research, issues, and trends.
- 542. Methods for Exceptional Learners.** (4 SCH) This course prepares teachers to meet the needs of learners ages 3-21 with disabilities. The course content focuses on (1) the impact of specified disabilities; (2) effective instructional interventions; and (3) collaborative partnerships to ensure student success.

- 547. Cognitive Assessment.** (3 SCH) This course provides the student with experiences necessary to develop competent skills in individual cognitive assessment for children, adolescents, and adults. Specific emphasis is on the administration and interpretation of formal standardized instruments. **Prerequisites:** SPED 546, 549, and MATH 453.
- 548. Instructional Planning for Educational Diagnosticians.** This course provides the student with experiences needed to develop legal and educationally beneficial Individual Education Programs (IEPs). Students will learn to write IEP goals in which they can measure and document student progress for decision-making purposes. The course will link assessment results in response to intervention and present levels of functioning to write instructional goals that provide access to the general curriculum for individual students. Other areas included in instructional planning activities are adaptive skills, behavioral and social skills, skills necessary for transitioning from school to post-secondary functioning, and language and communication skills. The course will stress collaborative planning with parents of students with exceptionalities, other school personnel, and agency personnel. **Prerequisite:** SPED 546 and 549.
- 549. Appraisal of Individuals with Exceptionalities.** (4 SCH) This course provides the student with experiences necessary to develop competent skills in individual achievement assessment for children, adolescents, and adults. The course emphasizes the administration and interpretation of formal standardized instruments.
- 566. Behavior Management and Motivation.** This course examines different motivational and behavior-management theories and strategies. The course emphasizes techniques teachers use with individual students. The course also emphasizes the use of functional behavioral assessment and its application to intervention planning. Students will explore current research, issues, and trends.
- 585. Practicum for Educational Diagnosticians.** (1 SCH) Instructors will formally observe students during the semester in an educational environment. This course satisfies TEA requirements for certification documentation.
- 589. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 597. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

COURSE DESCRIPTIONS
College of Science, Technology, Engineering, and Mathematics--
Undergraduate Course Descriptions

Biology (BIOL)

- 1106. Biology for Science Majors I Lab.** (1 SCH 0-2) This course provides students with hands-on exploration in the biological sciences. Content includes the process of scientific inquiry, important concepts in biochemistry and genetics, and introduction to laboratory techniques. Students should concurrently enroll in the lecture portion BIOL 1306 in order to gain maximum benefit from this course.
- 1107. Biology for Science Majors II Lab.** (1 SCH 0-2) This course provides students with hands-on exploration in the biological sciences. Content includes explorations of topics in scientific investigations; genetics and evolution; plant anatomy and reproduction; animal form and function; and an introduction into the basic concepts in ecology. Students should concurrently enroll in the lecture portion BIOL 1307 in order to gain maximum benefit from this course.
- 1306. Biology for Science Majors I.** (3 SCH 3-0) This is the first half of an introductory 2-semester survey of contemporary biology. Content includes the nature of science, the chemistry of life, the structure and biology of cells, molecular biology, genetics, and the application of science to contemporary issues. Students should concurrently enroll in the laboratory portion BIOL 1106 in order to gain maximum benefit from this course.
- 1307. Biology for Science Majors II.** (3 SCH 3-0) This is the second half of an introductory 2-semester survey of contemporary biology. Content includes the nature of science, evolution, plant form and function, animal form and function, ecology, and the application of science to contemporary issues. Students should concurrently enroll in the laboratory portion BIOL 1107 in order to gain maximum benefit from this course. **Prerequisite:** BIOL 1306
- 1308. Biology for Non-Science Majors I.** (3 SCH 3-0) This course introduces to the student the nature of science and the application of science to contemporary issues. Content includes the chemistry of life, the cell, genetics, and mechanisms of evolution.
- 1309. Biology for Non-Science Majors II.** (3 SCH 3-0) This course introduces to the student the nature of science and the application of science to contemporary issues. Content includes plant form and function, animal form and function, and ecology. **Prerequisite:** BIOL 1308.
- 2401. Human Anatomy and Physiology I.** (4 SCH, 3-3). This course covers basic human anatomy and physiological principles focusing on the cellular and tissue levels and their integration into the integumentary, skeletal, muscular, and nervous systems. **Prerequisite:** BIOL 1306.
- 2402. Human Anatomy and Physiology II.** (4 SCH, 3-3). This course covers basic human anatomy and physiological principles focusing on the nervous, endocrine, digestive, respiratory, cardiovascular, immune, urinary, and reproductive organs. **Prerequisite:** BIOL 2401.
- 2406. Environmental Biology.** (3 SCH, 3-0). This course provides an introduction to the basic principles of bioenvironmental science with emphasis on scientific literacy, current events, global and international issues, historic context, and the relationship between humans and the natural world. The course will also address conservation, pollution, energy, and other contemporary environmental problems. Co-requisite: MATH 1314. **Prerequisite:** BIOL 1307, 1107; CHEM 1312, 1112
- 289. Independent Study.** (SCH may vary) This course provides individual instruction. Students may repeat the course when topics vary.
- 307. General Ecology.** (3 SCH, 2-2). This course covers the principles of ecology with special reference to populations and their ecosystems, distribution, biotic communities, and environmental relationships. This course requires field trips. **Prerequisite:** BIOL 1306 and 1106, and 1307 and 1107.
- 308. Invertebrate Zoology.** (3 SCH, 2-2). This course explores the diversity of invertebrate types, morphologically, embryologically, and physiologically. The course emphasizes the ecological role of invertebrates. **Prerequisite:** BIOL 1306 and 1106, and 1307 and 1107.
- 310. Genetics.** (3 SCH, 2-2). This course covers the principles of heredity and variation and their application to plants, lower animals, and man. **Prerequisite:** BIOL 1306 and 1106, and 1307 and 1107.
- 311. General Microbiology.** (3 SCH, 2-2). This course introduces modern microbiology with emphasis on prokaryotes. Topics include microbial cell structures and function, physiology and metabolism, nutrition, ecology, and growth, taxonomy, genetics, and evolution, bacteriophages, and viruses. **Prerequisite:** BIOL 1306 and 1106, and 1307 and 1107.

- 320. Introduction to Natural-Resource Management.** (2 SCH 2-0) This course introduces the principles of natural-resource management through the examination of current trends in natural-resource management. This course introduces natural-resource management as a profession. The course emphasizes the natural and managed communities of northeastern Texas and southwestern Arkansas. **Prerequisite:** BIOL 2406, 307
- 330. Introduction to Geographic Information Systems.** (3 SCH 2-2). This course introduces the concepts and applications of computer-based spatial data handling, known as geographic-information-systems (GIS) technology. The course illustrates the essential methods of GIS and its applications in fields including geography, natural-resource management, planning, and environmental science. Students gain application skills via a series of practical exercises illustrating problem-solving strategies using up-to-date GIS software packages. The course will use lectures, laboratories, and special assignments in this course. **Prerequisite:** BIOL 2406, 307, MATH 1314.
- 340. Field Methods in Natural Resources.** (4 SCH 3-3) While gaining skills in sampling methods and analysis, students learn from and explore a variety of natural and managed communities in northeastern Texas and southwestern Arkansas. Students will learn field methods and tools natural-resource professionals use. Students will sample and measure environmental variables relating to vegetation, soils, water, and air. Students will use the gathered data to gain skills in data analysis and site description. **Prerequisite:** BIOL 2406, 307 Co-requisite: BIOL 320.
- 367. U.S. Environmental Regulations.** (3 SCH, 3-0). This course provides an investigation of the legal infrastructure of the U.S. associated with regulating environmental impacts; examination of major U.S. environmental statutes associated with air and water quality, toxic substances, waste and hazardous substance release, energy and natural resources; and a review of the relationship between U.S. policy and international environmental regulations. **Prerequisites:** BIOL 2406.
- 389. Principles and Application of Natural Resource Management.** (3 SCH 2-2) This course introduces logical thinking and techniques in applying ecological principles to natural-resource management practice and conservation. Through field trips to natural and managed communities in northeastern Texas and southwestern Arkansas, students will explore the importance of management objectives and the influence of environmental factors and human activity on the structure, function, utility, and renewability of natural resources. **Prerequisite:** BIOL 2406, 307 and 340. Co-requisite: BIOL 320.
- 402. Cell and Molecular Biology.** (3 SCH, 2-2). This course is a study of the morphology and physiology of the cell and cell organelles, including basic facts, concepts, and problems in modern biology. **Prerequisite:** BIOL 1306 and 1106, and 1307 and 1107.
- 410. Biochemistry I.** (4 SCH, 3-3). BIOL 410 is the first semester of a one-year course. The first semester covers the structure and function of amino and nucleic acids, proteins, simple and complex carbohydrates, and lipids and cell membranes. The course will emphasize understanding biochemistry from a biological point of view and providing information on how biochemical events are regulated in living tissues. **Prerequisites:** CHEM 1311, CHEM 1312, CHEM 2423, and CHEM 2425--all passed with a grade of C or better. Cross-listed with CHEM 410.
- 411. Biochemistry II.** (4 SCH, 3-3). BIOL 411 is the second semester of a one-year course. The second semester covers enzymes, kinetics, and metabolism of amino and nucleic acids; proteins; carbohydrates; and lipids. The course will emphasize understanding biochemistry from a biological point of view and on providing information on how biochemical events are regulated in living tissues. **Prerequisites:** BIOL 410 or CHEM 410 passed with grade C or better. Cross-listed with CHEM 411.
- 420. Global Change.** (3 SCH, 3-0) This course will focus on global change. Major topics include climate change, sea-level change- and coastal inundation, ocean acidification, and permafrost and the changing Arctic. This course is a Web course.
- 421. Endangered Ecosystems.** (3 SCH, 3-0) This course will focus on endangered ecosystems and organisms from around the world. Students will study coral reefs, Brazilian rainforest destruction, amphibian crisis and the Gulf of Mexico dead zone in detail. This course is a Web course.
- 450. Limnology.** (3 SCH, 2-2). This course is a study of the biological, chemical, and physical characteristics of the freshwater environment. **Prerequisite:** BIOL 1306 and 1307
- 464. Independent Research.** (1-3 SCH) Students conduct research in biology under faculty guidance. **Prerequisite:** Junior in standing with Biology major and instructor permission.
- 466. Evolutionary Biology.** (3 SCH, 2-2). This course covers the basic principles, mechanisms, and patterns of evolutionary biology including a historical survey of related ideas. **Prerequisite:** Two semesters of biology.

- 472. Introduction to Forensic Science.** (3 SCH, 2-2). This course is a study of basic concepts, techniques, practices, and procedures of criminalistics, including the most current technologies in forensic analysis. Students will discuss criminal investigation of actual cases with a minimum of scientific terminology. In addition, the course will emphasize the nature of physical evidence, including the use of DNA profiling. Criminal Justice majors and Pre-Allied Health track students in Biology should take this course. **Prerequisite:** Junior or Senior standing. Cross-listed with CJ 472 and CHEM 472.
- 481. Seminar in Biology.** (3 SCH, 3-0) This course requires student participation in general and specific topics in biology. **Prerequisite:** Senior standing with Biology major.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary. **Prerequisite:** Two semesters of biology and instructor permission.
- 490. Introduction to Biotechnology.** (3 SCH, 2-2). This course will explore the principles and applications of DNA science with special reference to recombinant DNA technology. **Prerequisite:** CHEM 410 and CHEM 411, OR BIOL 410 and BIOL 411. Cross- listed with CHEM 490.
- 497. Special Topics.** (3 SCH) Instructors will provide an organized class. Students may repeat the course when topics vary.

Chemistry (CHEM)

- 1111. General Chemistry I Lab.** (1 SCH, 0-2).This course introduces students to basic laboratory experiments supporting theoretical principles instructors presented in CHEM 1311. The course introduces the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports. **Corequisite:** CHEM 1311.
- 1112. General Chemistry II Lab.** (1 SCH, 0-2).This course introduces students to basic laboratory experiments supporting theoretical principles instructors presented in CHEM 1312. The course introduces the scientific method, experimental design, chemical instrumentation, data collection and analysis, and preparation of laboratory reports. **Corequisite:** CHEM 1312.
- 1117. General Chemistry Laboratory for Engineering Students Lab.** (1 SCH, 0-3).This course introduces students to basic laboratory experiments supporting theoretical principles instructors presented in CHEM 1307. The course introduces the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports. **Corequisite:** CHEM 1307.
- 1307. General Chemistry for Engineering Students.** (3 SCH, 3-0) This course provides engineering students with a background in important concepts and principles of chemistry. The course emphasizes those areas engineers consider most relevant in an engineering context and examines practical applications in engineering and technology. **Corequisite:** MATH 1314 or MATH 2412. Students should have taken high-school chemistry. Cross-listed with CHEM 1311.
- 1311. General Chemistry I.** (3 SCH, 3-0) This course covers the fundamental principles of chemistry for majors in the sciences, health sciences, and engineering. Topics include measurements, fundamental properties of matter, states of matter, chemical reactions, chemical stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of gases, and an introduction to thermodynamics and descriptive chemistry. **Corequisite:** MATH 1314 or MATH 2412. Cross-listed with CHEM 1307.
- 1312. General Chemistry II.** (3 SCH, 3-0).This course is the second semester of general-chemistry sequence. Topics include chemical equilibrium, phase diagrams and spectrometry, acid-base concepts, thermodynamics, kinetics, electrochemistry, nuclear chemistry, and an introduction to organic chemistry and descriptive inorganic chemistry. **Prerequisite:** CHEM 1111 and 1311; **Corequisite:** CHEM 1112.
- 2423. Organic Chemistry I.** (4 SCH, 3-2). This course is the first of a comprehensive and somewhat rigorous survey of organic chemistry emphasizing nomenclature, structure, properties, synthesis, and reaction mechanisms of carbon compounds. **Prerequisite:** CHEM 1312 passed with grade C or better.
- 2425. Organic Chemistry II.** (4 SCH, 3-2). This course is the second semester of Organic Chemistry sequence emphasizing the classes of aliphatic and aromatic compounds that contain oxygen and nitrogen. **Prerequisite:** CHEM 2423 passed with grade C or better.
- 340. Quantitative Chemical and Instrumental Analysis.** (3 SCH, 2-2) This course covers fundamental theory and techniques in traditional chemical analysis. Topics include sampling and separation methods, measurements, statistics, equilibrium and pH studies, gravimetric and combustion analysis, electrochemical techniques, and introduction to instrumentation. Biology minors in Environmental Science require this course. **Prerequisite:** CHEM 1312 with a grade of C or better.

- 351. Physical Chemistry I.** (3 SCH, 2-2) This course introduces students to the field of physical chemistry. The course introduces students to fundamental theories of chemistry involving a detailed study of the properties of matter in the gaseous, liquid, and solid states. Instructors give extensive consideration to properties of solutions, colloids, and elementary principles of thermodynamics and thermochemistry. **Prerequisite:** CHEM 1312, MATH 2413 and 2414 with grade of C or better.
- 405. Environmental Chemistry.** (4 SCH, 3-3). This course is an application of chemical principles to the study of the environment. It includes natural processes and pollution problems related to air, water, and soil. Biology minors in Environmental Science require this course. **Prerequisites:** CHEM 1311 and CHEM 1312--all passed with a C or better.
- 410. Biochemistry I.** (4 SCH, 3-3). CHEM 410 is the first semester of a one-year course. The first semester covers the structure and function of amino and nucleic acids, proteins, simple and complex carbohydrates, and lipids and cell membranes. The course emphasizes understanding biochemistry from a biological point of view and on providing information on how biochemical events are regulated in living tissues. **Prerequisites:** CHEM 1311, CHEM 1312, CHEM 2423, and CHEM 2425--all passed with a grade of C or better. Cross-listed with BIOL 410.
- 411. Biochemistry II.** (4 SCH, 3-3). CHEM 411 is the second semester of a one-year course. The second semester covers enzymes kinetics and metabolism of amino and nucleic acids, proteins, carbohydrates, and lipids. The course emphasizes understanding biochemistry from a biological point of view and on providing information on how biochemical events are regulated in living tissues. **Prerequisites:** BIOL 410 or CHEM 410 passed with grade C or better. Cross-listed with BIOL 411.
- 472. Introduction for Forensic Science.** (2-2). This course is a study of basic concepts, techniques, practices, and procedures of criminalistics, including the most current technologies in forensic analysis. Students will discuss criminal investigation of actual cases with a minimum of scientific terminology. In addition, the course will emphasize the nature of physical evidence, including the use of DNA profiling. Criminal Justice majors and Pre-Allied Health track students in Biology should take this course. **Prerequisite:** CHEM 1311 and BIOL 1306. Cross-listed with BIOL 472 and CJ 472.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 490. Introduction to Biotechnology.** (3 SCH, 2-2). This course will explore the principles and applications of DNA science with special reference to recombinant DNA technology. **Prerequisite:** BIOL 1306 and BIOL 1307. Cross- listed with BIOL 490.

Computer Science (COSC)

- 1315. Introduction to Computer Science.** This course teaches the basics of MATLAB programming. The students will learn how to write MATLAB programs for electrical and computer-science applications that include calculations and graphing. The course will also emphasize the documentation of programs. The course will cover concepts that will include arrays and array operations, programming techniques, plotting and linear algebraic equations with MATLAB. It will provide an overview of MATLAB programming concepts, design, and an introduction to coding. It will focus on creating working computer programs in MATLAB. Laboratory exercises provide practice in writing programs and reinforce concepts. **Prerequisite:** MATH 2305.
- 2318. Engineering Mathematics.** This course provides the basic concepts of engineering mathematics including, but not limited to, the review of linear algebra, probability and statistics, and differential equations. **Prerequisite:** MATH 2305 and 2413

Computer Science (CS)

- 305. Data Structures.** This course emphasizes the organization of information; the implementation of common data structures such as lists, stacks, queues, trees, and graphs; and techniques of data abstraction, including encapsulation and inheritance. Instructors administer mini-labs and programming assignments. Assignments will focus on the design, implementation, testing, and evaluation of various data structures. **Prerequisite:** CS-332 or EE-332
- 310. Analysis of Algorithms.** This course introduces basic elements of the design and analysis of computer algorithms. Topics include methods of algorithms description, proving of their correctness, asymptotic notations and analysis, recursion, divide and conquer, and examples of the efficient algorithms design in signal processing. For each topic, beside in-depth coverage, students will discuss one or more representative problems and their algorithms. In addition to the design and analysis of algorithms, students

- must gain substantial discrete mathematics problem-solving skills essential for computer engineers. **Prerequisite:** MATH 2305 and 2313. Cross-listed with EE 310.
- 316. Web Design and Programming I.** This course provides the student with an understanding of Web-page creation using HTML5, CSS, JavaScript, and Ajax. Students will learn how to create hyperlinks, headings, lists, tables, formatting, and images using HTML5 and CSS. Students also learn how to validate form, control cookies, make special effects using JavaScript, and apply Ajax technology to create user interaction. **Prerequisites:** COSC 1315
- 320. Digital Logic.** This course provides a detailed knowledge of Boolean algebra and its application in digital design. It provides an in-depth coverage of combinational logic-circuit analysis, minimization, and design techniques. It also covers the basic concepts of sequential circuits including the use of state diagrams and state tables to represent the behavior of sequential circuits. Cross-listed with EE 321.
- 332. C++ Programming.** (4-0) Programming in C++ provides an overview of programming concepts, design, and an introduction to coding using the C++ language. The course has a focus on creating working computer programs in C++. This course will address fundamental concepts of analysis, design, and testing and code development. It includes flowcharts, Boolean logic, control flow, data types and structures, variables, arrays, functions, and pointers. This course will prepare students for focused studies in any programming language. **Prerequisite:** COSC 1315. Cross-listed with EE 332.
- 340. Computer Architecture.** This course covers basic hardware and software components, assembly language, and functional architecture design of computers; syntax and semantics of a typical microprocessor assembly language; instruction sets, construction, and execution of an assembly program; and the design and I/O modules, memory, control unit, and arithmetic unit. **Prerequisite:** CS 320 or EE 320. Cross-listed with EE 340.
- 352. Java Programming.** This course teaches the basics of Java programming, the foundations of object-oriented programming, and the process of building a project in a modular fashion. Java programming provides an overview of programming concepts, design, and an introduction to coding using the Java language. This course has a focus on creating working computer programs in Java. It will address fundamental concepts of analysis, design, and testing and code development. These include flowcharts, Boolean logic, control flow, data types and structures, variables arrays, functions, and pointers. This course will prepare students for focused studies in any programming language. The student will also learn how to enter, compile, link, and run a computer program using the Java language in a Windows or equivalent environment. Instructors will introduce structured programming through techniques for solving business, engineering, and scientific problems. Laboratory exercises will provide practice in writing programs and will reinforce basic programming concepts, logic flow, and structured design. **Prerequisite:** CS 332 or EE 332.
- 353. Advanced Object-Oriented Programming.** This course teaches advanced C++ and Java advanced programming concepts. It provides an overview of advanced programming concepts, design, and coding using the C++ and Java language. It has a focus on creating working computer programs in C++ and Java. It addresses advanced concepts of analysis, design, and testing and code development. These include, but are not limited to, flowcharts, Boolean logic, control flow, data types and structures, inheritance, polymorphism templates, exceptions and operator-overloading strings, streams, files and advanced data-structures topics. This course prepares students for focused studies in game or other advanced programming arenas. The student learns how to enter, compile, link, and run a computer program using the C++ and Java language in a Windows, Linux, or equivalent environment. Instructors will introduce structured programming through techniques scientists use to solve mathematical, scientific, and engineering problems. Laboratory exercises provide practice in writing programs and reinforce advanced programming concepts, logic flow, and structured design. **Prerequisites:** CS 332 or EE 332.
- 360. Artificial Intelligence.** This course will introduce the basic principles of artificial intelligence (AI) and its applications. The class will begin by discussing ways to represent knowledge about the world through logic and how to reason logically with that knowledge. The students will learn general principles of rule-based expert systems. Instructors will introduce and analyze techniques, which allow reasoning under uncertainty. Students will consider Bayesian networks and other probabilistic reasoning models. Students will observe basic principles of the learning theory and consider real-world applications of AI such as expert-based systems and natural-language representation. **Prerequisite:** COSC 1315 and MATH 2305.
- 361. Database System and Design.** This course provides the basic concepts of management of database systems. The course emphasizes understanding the various database management functions and providing database support for the organization. Topics include types of database models, database design, entity-

- relationship diagrams, normalization, database-management systems, administration of database security, error recovery, concurrency control, and distributed-database systems. This course focuses on the design of a database starting from the conceptual design to the implementation of a database schema and user interfaces to the database. The course is heavily design oriented. In most of the projects, students have to design and implement a database using a commercial database management system and associated development tools. Students will learn the database query language SQL and the development of applications using PL/SQL. Students use Oracle 10g (SQL, PL/SQL) and SQL Server 2005 database software in this course. Laboratory exercises provide practice in writing programs and reinforce concepts. **Prerequisite:** CS 332 or EE 332.
- 363. Neural Networks and Machine Learning.** This course provides the basic concepts of neural networks and machine learning including but not limited to biological foundations of neuronal morphology, machine-learning concept and its fundamentals, basics of neural-information processing, the artificial neuron and its activation functions, multilayer feed forward neural networks and back propagation learning, Hopfield neural networks and associative memories, neuro-fuzzy and kernel-based networks, and support vector machines. Laboratory exercises provide experience with design and utilization of neural and other machine-learning algorithms using MATLAB and solving real-world classification, prediction, and pattern-recognition problems. This course will help students to accomplish specified challenges as they build problem-solving skills. **Prerequisite:** COCS 1315. Cross-listed with EE 363.
- 367. Software Engineering.** This course will offer a wide perspective on software design; stages of software development; design of software documentation; development, including requirements analysis, technical design, estimating, programming style, testing, and quality; management; and maintenance. A part of the course is a software project, which students shall design. **Prerequisite:** COSC 1315 Min Grade D and Lvl UG CS 332 Min Grade D or Lvl UG EE 332 Min Grade D.
- 370. Programming Language Design.** This course explores the design of high-level languages; criteria for language selection; specification techniques for syntax and semantics; trends in high-level language design; and introduction to programming in LISP. **Prerequisite:** COSC1315 and (CS 332 or EE-332).
- 380. Automata Theory.** This course is a study of the basic types of abstract languages and their acceptors; the Chomsky hierarchy; solvability and recursive-function theory; and application of theoretical results to practical problems. **Prerequisite:** MATH 2305.
- 390. Ethics in Technology.** This course examines ethical issues and moral problems that engineers, computer scientists, and information-technology professionals face. This course covers issues such as moral and ethical relevance, professional responsibilities, privacy, intellectual property, risks, and liabilities. Students review case studies of ethical conflicts in the work environment and resolve theoretical situations through the application of ethical codes. Cross-listed with EE 390.
- 410. Operating Systems.** This course covers the principles and concepts that govern the design of modern computer-operating systems. The course covers managing computing resources such as the memory, the processor, and the Input and Output devices. The course also covers algorithms for CPU scheduling, memory and general-resource allocation; process coordination and management; and case studies of several operating systems. Operating systems also manage the authentication, accounting, and authorization aspects in a multi-user system. Students will explore issues and limitations imposed on a computing environment by the choice of different operating systems. **Prerequisite:** CS-1315 or CS 332 or EE-332.
- 417. Information Theory.** This course presents concepts of data-information theory, bandwidth computation, error coding and recovery, data security, and cryptography. **Prerequisite:** MATH 453 or COSC2318.
- 420. Computer Networks.** This course covers several computer-networking concepts, including the OSI reference model for networking protocols; TCP/IP implantation; Internet working technologies such as frame relay, FDDI, X-25, and ISDN services; the Internet; and the World Wide Web. The course also explores the use of Internet working software applications, routing and switching hardware and algorithms, security, intranets and intranet servers and browsers, networks and network servers, and LANs/WANs. The course will also include case studies of existing networks and network architectures. **Prerequisite:** Instructor permission.
- 465. Computer Security.** In recent years, the need for education in computer security and related topics has grown dramatically and is essential for anyone studying Computer Science or Electrical Engineering. This course provides integrated, comprehensive, up-to-date coverage of the broad range of topics in this subject. It provides a broad introduction to host-based and Internet-based computer security. Topics include an introduction to cryptography; authentication protocols; access control; database security; intrusion

- detection; malicious software such as worms and virus propagation; and techniques to secure the Internet such as firewalls, intrusion-detection systems, and Web and IP security. **Prerequisite:** COSC-1315.
- 467. Image Processing and Computer Vision.** This course provides the basic concepts of image processing and computer vision including but not limited to image sensing and acquisition, visual perception, image enhancement (The course mostly considers spatial-domain-image enhancement, but it will also cover some essential elements of the frequency-domain enhancement.), image filtering in spatial and frequency domain, edge detection and image segmentation, elements of morphological image processing, elements of image restoration, image understanding and recognition, and elements of color-image processing. Laboratory exercises provide experience with design and utilization image processing algorithms using MATLAB and solving real-world problems in medical and satellite-image processing, in old-images restoration, and in digital photography. Students will program different algorithms and use their programs for processing real images. This course will help students to accomplish specified challenges as they build problem-solving skills. **Prerequisite:** COSC 1315. Cross-listed with EE-467
- 485. Capstone in CS.** (4 SCH) This course will develop a significant software application consisting of group meetings, written reports, oral presentations, and code with documentation. Students will learn to (1) apply fundamental software engineering techniques to produce a high-quality application, (2) use several advanced software systems development and test tools, (3) work as part of a team to design and develop a large multi-step project in which each person has control of only part of the system, and (4) present work in a professional manner. **Prerequisite:** instructor permission.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 497. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary. **Prerequisite:** Permission of the instructor.

Electrical Engineering (EE)

- 289. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 310. Analysis of Algorithms.** This course introduces basic elements of the design and analysis of computer algorithms. Topics include methods of algorithms description, proving of their correctness, asymptotic notations and analysis, recursion, divide and conquer, and examples of the efficient algorithms design in signal processing. For each topic, beside in-depth coverage, students shall discuss one or more representative problems and their algorithms. In addition to the design and analysis of algorithms, students will gain substantial discrete mathematics problem-solving skills essential for computer engineers. **Prerequisite:** MATH 2305 and 2313. Cross-listed with CS 310.
- 317. Information Theory.** Information theory originates in mathematical concepts of probability and statistics as well as concepts such as entropy from thermodynamics. Information theory quantifies the concept of information in noisy signals. It involves information entropy, communication systems, data transmissions and rate distortion theory, cryptography, data compression, error correction, and related topics. **Prerequisite:** MATH 453 or 457.
- 319. Electric Circuits II.** This course covers basic theory and techniques of circuit elements and present basic electronic circuits such as operational amplifiers, first-order RL and RC circuits, and RLC circuits. **Prerequisite:** EE 210.
- 320. Circuit Laboratory.** This laboratory course consists of multiple projects that the students will complete based upon the concepts they learned in EE 319.
- 321. Digital Logic.** This course provides a detailed knowledge of Boolean algebra and its application in digital design. It provides an in-depth coverage of combinational logic circuit analysis and minimization and design techniques. It also covers the basic concepts of sequential circuits including the use of state diagrams and state tables to represent the behavior of sequential circuits. Cross-listed with CS 320.
- 322. Digital Logic Laboratory.** This laboratory course consists of multiple projects that the students will complete based upon the concepts they learned in EE 321 Digital Logic. The overall aim of the course is to increase the students' depth of understanding of digital-logic design and implementation. **Prerequisite:** EE 321 or CS 320.
- 325. Signals and Systems I.** This course is one of the fundamental courses of Electrical Engineering, providing theoretical concepts and mathematical tools engineers use for the design and analysis of continuous linear

- systems as well as analog signals. Topics include linear convolution, impulse response, Fourier series, Fourier transforms, and Laplace transform. **Prerequisites:** EE 210 and MATH 2413.
- 326. Signals and Systems I Lab.** This course provides practical concepts and software tools for the design and the analysis of both analog signals and continuous-time linear systems. The course uses exercises via computer simulation using MATLAB. The main aim is to get understanding of frequency and time-domain analysis of basic signals and linear time-invariant systems employing linear convolution, impulse response, Fourier transforms, and Laplace transform. **Prerequisite:** MATH 2413 and EE 210.
- 332. C++ Programming.** (4 SCH) This course introduces students to C++ programming language, a dominant language in the industry today. Students will learn the fundamentals of programming. These concepts apply to programming in any language. Topics include basic principles of programming using C++, algorithmic and procedural problem solving, program design and development, basic data types, control structures, functions, arrays, pointers, and introduction to classes for programmer-defined data types. **Prerequisite:** EE210.
- 335. Electronics.** This course covers the basics of electronic circuit design techniques as well as the operation of bipolar junction and field-effect transistors. The knowledge students acquire in this course will provide them with a sufficient depth of understanding to deal with circuit-design problems and to be able to understand the operation of new devices as they become available. **Prerequisite:** EE 210.
- 336. Electronics Laboratory.** This laboratory course consists of multiple projects that the students will complete based upon the concepts they learned in EE 335 (Electronics) class.
- 340. Computer Architecture.** This course covers basic hardware and software components, assembly language, and functional architecture design of computers; syntax and semantics of a typical microprocessor assembly language; instruction sets, construction, and execution of an assembly program; and the design and I/O modules, memory, control unit, and arithmetic unit. **Prerequisite:** CS 320 or EE 321.
- 345. Introduction to Electromagnetic Theory.** This is an introductory course in engineering electromagnetics. The course emphasizes time-varying topics, such as transmission lines, Maxwell's equations, and plane and guided waves. The course will cover basic concepts of electromagnetic fields, including field vectors and potentials. **Prerequisites:** MATH 315 and PHYS 2426.
- 363. Neural Networks and Machine Learning.** This course provides the basic concepts of neural networks and machine learning including but not limited to biological foundations of neuronal morphology, machine-learning concept and its fundamentals, basics of neural-information processing, the artificial neuron and its activation functions, multilayer feed forward neural networks and back propagation learning, Hopfield neural networks and associative memories, neuro-fuzzy and kernel-based networks, and support vector machines. Laboratory exercises provide experience with design and utilization, neural, and other machine-learning algorithms using MATLAB and solving real-world classification, prediction, and pattern-recognition problems. This course will help students to accomplish specified challenges as they build problem-solving skills. **Prerequisite:** COCS 1315. Cross-listed with CS 363.
- 390. Ethics in Technology.** This course examines ethical issues and moral problems that engineers, computer scientists, and information-technology professionals face. This course covers issues such as moral and ethical relevance, professional responsibilities, privacy, intellectual property, risks, and liabilities. Students review case studies of ethical conflicts in the work environment and resolve theoretical situations through the application of ethical codes. Cross-listed with CS 390.
- 425. Signals and Systems II.** This course lays the foundation of the knowledge students need to process information digitally using a variety of hardware platforms and provides theoretical concepts and mathematical tools engineers use for the design and analysis of discrete time-linear systems as well as discrete time signals. Topics include discrete convolution, discrete time impulse response, Discrete Fourier Transform (DFT), Discrete Time Fourier Transform (DTFT), and Z-Transform. **Prerequisite:** EE 325.
- 429. Basic Communication Theory.** This course introduces students to the fundamental principles of communication-system analysis and design, providing theoretical concepts and mathematical tools engineers use for special analysis, filtering, and transmission of analog signals. Topics include modulation theory, effect of noise on analog communications, analog to digital conversion, and digital modulation in Additive White Gaussian Noise (AWGN) baseband channels. **Prerequisite:** EE 325.
- 455. Digital Circuit Testing and Testability.** The complexity of the digital circuits on IC (Integrated Circuit) chips has significant impact on the cost of testing such chips. Entities perform testing to ensure that the fabrication process has not altered function and performance. This course introduces current testing

- techniques for digital circuits and design strategies engineers use to enhance their testability. **Prerequisite:** CS 320 or EE 321.
- 465. Very-Large-Scale Integrated (VLSI) Design.** This course covers basic theory and techniques of digital VLSI (Very-Large-Scale Integrated) circuits and system design in CMOS technology. It will discuss the bottom-up as well as the top-down design approach. It will prepare students to design and analyze digital circuits and show them how these circuits work on a VLSI chip. **Prerequisite:** EE 321 or CS 320.
- 467. Image Processing and Computer Vision.** This course provides the basic concepts of image processing and computer vision including but not limited to image sensing and acquisition, visual perception, image enhancement (The course mostly considers spatial-domain-image enhancement, but it will also cover some essential elements of the frequency-domain enhancement.), image filtering in spatial and frequency domain, edge detection and image segmentation, elements of morphological image processing, elements of image restoration, image understanding and recognition, and elements of color-image processing. Laboratory exercises provide experience with design and utilization image processing algorithms using MATLAB and solving real-world problems in medical and satellite-image processing, in old-images restoration, and in digital photography. Students will program different algorithms and use their programs for processing real images. This course will help students to accomplish specified challenges as they build problem-solving skills. **Prerequisite:** COSC 1315. Cross-listed with CS 467
- 469. Wireless Communications.** This course introduces students to the fundamental principles of wireless communication system analysis and design, providing theoretical concepts and mathematical tools engineers use for transmission of analog signals. **Prerequisite:** EE 429.
- 470. Digital Design Using VHDL.** This course instructs the students in the use of VHDL (Very High Speed Integrated Circuit Hardware Description Language) for describing the behavior of digital systems. VHDL is a standardized design language the computer and semiconductor industries use. This course will teach students the use of VHDL language for representation of digital signals; use of IEEE standard logic packages and libraries; design description; and design of arithmetic, combinational, and sequential circuits. Pre-requisite: EE 321 or CS 320.
- 473. Power Systems.** This course introduces students to the fundamental principles of long-distance transmission of electric power with emphasis on admittance and impedance modeling of components and systems and power-flow studies and calculations. **Prerequisite:** EE 319.
- 475. Capstone Design Project in Electrical Engineering.** The aim of the capstone project for seniors in Electrical Engineering is to familiarize them with the process of designing electronic circuits and systems that industries use. This course requires students to develop a project based on the knowledge and skills they acquired in earlier coursework and integrate their technical knowledge through practical design efforts. Students perform the work as a team in accordance with ABET requirements. Two to three students comprise each team. **Prerequisite:** EE 321, 322, 325, 326, 340, 390, and 470.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 497. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Engineering (ENGR)

- 1201. Introduction to Engineering.** This course provides an introduction to the engineering profession. Instructors will present information on the different disciplines of engineering. The course covers professional and ethical aspects of engineering. The course also introduces problem solving and the engineering design process with the use of various computer applications. The course emphasizes various forms of technical communication. **Prerequisites:** MATH 1314 or higher with a minimum grade of C. **Corequisite:** MATH 1314 or higher.
- 1204. Engineering Graphics I.** This course provides an introduction to computer-aided drafting. The course emphasizes the drawing setup, creating and modifying geometry, adding text and dimensions, using levels, coordinate systems, and plot and print scale. The course will develop technical drawing skills including freehand sketching, text, orthographic projection, dimensioning, sectional views, and other viewing conventions.

- 2303. Principles of Engineering I: Statics and Dynamics.** This course covers the unified presentation of conservation principles engineers apply to engineering mechanics and systems in statics and dynamics. Topics include force systems, moments of inertia, vector mechanics, Newton's laws, kinetic and potential energy, linear and angular momentum, work, impulse, and inertia properties. **Prerequisite:** MATH 2413, PHYS 2325 and 2125.
- 2305. Electric Circuits I.** This course introduces current, voltage, power and energy, Kirchhoff's current and voltage laws, resistance, capacitance, inductance, series and parallel combinations of circuit elements. The course emphasizes superposition, mesh current and node-voltage analysis, complex numbers, signals, communications, modulation, binary-number systems, Boolean algebra, and logic elements. Pre-requisite: MATH 2413. **Corequisite:** PHYS 2326 and 2126.
- 333. Principles of Engineering II: Thermodynamics and Fluids.** This course covers the theory and application of energy methods in engineering, conservation principles to investigate traditional thermodynamics and internal-flow fluids. Topics include the Laws of Thermodynamics, entropy, refrigeration, fluid properties, momentum, and heat transfer. **Prerequisite:** MATH 2413 (may be concurrent), PHYS 2125 and 2325.
- 431. Engineering Internship I.** The course provides experience in an engineering service, industrial, or research setting. The program provides engineering experience during the last two years of an undergraduate academic career. During this period, students can complete at least one semester of work consisting of a 20-hour workweek. **Prerequisite:** Junior standing and approval of STEM Dean.
- 432. Engineering Internship II.** This course provides the second phase of the experience in an engineering service, industrial, or research setting. The program provides engineering experience during the last two years of an undergraduate academic career. During this period, students can complete at least one semester of work consisting of a 20-hour workweek. **Prerequisite:** ENGR 431 and approval of STEM Dean.

Health Science (HSCI)

- 345. Wellness Lifestyle.** This course explores a comprehensive examination of cardiovascular health, the impact of the body's physiological reaction to stress as it relates to disease, and the relationship between diet and certain diseases. Cross-listed with HSCI 545.
- 346. Complementary and Alternative Health Care.** This course introduces the practice of complementary and alternative health care. Students will discuss such modalities as homeopathy, herbal medicine, acupuncture, and massage therapy. The course will use alternative practitioners from the community as guest speakers. Cross-listed with HSCI 546.
- 347. Foundations of Health Care Ethics.** This course introduces undergraduate students to health-care ethics. It includes the philosophical underpinnings of health-care ethics, examples of health-care dilemmas, and examples of legal documents that are important during the course of health-care delivery. Some of the topics include, but are not limited to, euthanasia (active and passive), hospice, abortion, patient rights, the refusal of chemotherapy, and medical use of marijuana for adjunctive cancer-pain treatment.

Mathematics (MATH)

- 0300. Pre-Algebra.** This course provides a study of the concepts and applications of arithmetic operations on whole numbers, fractions, and decimals; ratios and proportions; percentages; measurements; interpretation of graphs and statistics; geometry; exponents; algebraic expression; and problem solving. Students must complete the course with a C or better to receive credit. Students may not use calculators in this course. Established readiness indicators will determine placement.
- 0301. Elementary Algebra.** This course provides a study of the concepts and applications of algebraic expressions, equations, inequalities, problem solving, polynomials and factoring, rational expressions and equations, systems of equations, graphing techniques, radical expressions and equations, and quadratic equations. Students must complete the course with a C or better to receive credit. Students will use appropriate computer software and hand-held technologies. Established readiness indicators will determine placement.
- 0302. Intermediate Algebra.** This course provides a study of the concepts and applications of rational expressions and equations, linear equations and inequalities, radicals, quadratic equations, and graphs. Students who place below the minimum score on an entrance assessment test in mathematics must take this course. Students will use appropriate computer software and hand-held technologies. Students must complete the course with a C or better to receive credit. Established readiness indicators will determine placement.

- 1314. College Algebra.** This course provides a rigorous study of the concepts and applications of linear, quadratic, higher-order polynomial, rational, radical, exponential and logarithmic functions, and the course covers solving systems of equations using various methods. Additional topics may include sequences, series, probability, and conics. This course prepares STEM majors for success in calculus. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** Students must have satisfied the math portion of TSI. Established readiness indicators will determine placement.
- 1316. Plane Trigonometry.** This course provides a rigorous study of the concepts and applications of sets, ordered relations, number intervals, trigonometric functions, radian measure, variations and graphs of functions, solutions of right and general triangles, identities, graphing, inverse functions, circular functions, vectors, complex numbers, and polar and parametric equations. This course further prepares STEM majors for success in calculus. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** Students must have satisfied the math portion of TSI. Established readiness indicators will determine placement.
- 1324. Mathematics for Business and Social Sciences I.** This course provides a rigorous study of the concepts from college algebra (linear equations, quadratic equations, functions and graphs, inequalities), sets, probability, mathematics of finance (simple and compound interest, annuities), linear programming, matrices, and systems of linear equations. This course prepares students majoring in business or social science. Applications will originate from management, economics, business, and sociology. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** Students must have satisfied the math portion of TSI.
- 1325. Business Calculus.** This course provides a rigorous study of the concepts of limits and continuity, derivatives, graphing and optimization, exponential and logarithmic functions, antiderivatives, and integration. This course prepares students majoring in business. Applications will originate from management, economics, and business. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 1324 or MATH 1314 with a C or better.
- 1332. Contemporary Mathematics I (Math for Liberal Arts Majors I).** This course provides a study of the concepts and applications of sets, logic, number systems, number theory, relations, functions, probability, and statistics. Applications will originate from meaningful real-world examples that allow students to see how everyone can use mathematics to solve problems, not just mathematicians and scientists. Non-STEM, non-business majors should take this course. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** Students must have satisfied the math portion of TSI.
- 1350. Fundamentals of Mathematics I.** This course provides a rigorous study of the concepts and applications 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. Students seeking EC-6 teacher certification should take this course. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 1314 with a C or better.
- 1351. Fundamentals of Math II.** This course provides a rigorous study of the concepts and applications of geometry, probability, statistics, and measurement with an emphasis on problem solving and critical thinking. Students seeking EC-6 teacher certification should take this course. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 1350 and MATH 1314 with a C or better.
- 2305. Discrete Mathematics.** This course provides a rigorous study of the concepts and applications of topics that prepare math, computer-science, and engineering majors for a background in abstraction, notation, and critical thinking for the mathematics most directly related to computer science. Topics include logic, relations, functions, basic-set theory, countability and counting arguments, proof techniques, mathematical induction, combinatorics, discrete probability, recursion, sequence and recurrence, elementary-number theory, graph theory, and mathematical-proof techniques. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 1314 with a C or better.
- 2342. Elementary Statistical Methods.** This course provides a rigorous study of the concepts and applications of the collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 1314 or MATH 1324 or MATH 2312 or MATH 2412 with a C or better.
- 2412. Pre-Calculus. (4 SCH)** This course provides a rigorous study of the concepts and applications of the fundamental topics of calculus including algebraic functions and their graphs; trigonometric functions and identities; polynomial, rational, exponential, and logarithmic functions; solutions to equations and

- inequalities; analytic geometry; and polar coordinates. This course prepares STEM majors for success in calculus. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** Students must have satisfied the math portion of TSI. Established readiness indicators will determine placement
- 2413. Calculus I. (4 SCH)** This course provides a rigorous study of the concepts and applications of limits and continuity; the Fundamental Theorem of Calculus; definitions of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; and definite and indefinite integration of algebraic, trigonometric, and transcendental function with an application to calculation of areas. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 1314 and MATH 1316 with a C or better; or MATH 2312 or 2412 with a C or better. Established readiness indicators will determine placement
- 2414. Calculus II. (4 SCH)** This course provides a rigorous study of the concepts and applications of integration, trigonometric functions, sequences and series, indeterminate forms, improper integrals, and elementary differential equations. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2313 or MATH 2413 with a C or better.
- 2415. Calculus III. (4 SCH)** This course provides a rigorous study of the concepts and applications of three-dimensional analytic geometry and vectors; differentiation and integration of vector-valued functions and motion in space; arc length and curvature; and functions of several variables, partial derivatives, multiple integrals, and integration in vector fields. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 2318. Linear Algebra.** This course provides a rigorous study of the concepts and applications of systems of linear equations, matrices, vector spaces, determinants, eigenvectors, eigenvalues, and linear transformations. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 2320. Differential Equations.** This course provides a rigorous study of the concepts and applications of first- and second-order ordinary differential equations and systems of ODEs, existence and uniqueness of solutions, initial value problems, the Laplace Transform, compartment models, first- and second-order rate laws, eigenvalues, eigenvectors, and eigenspaces of matrices. Instructors teach this course with a modeling perspective and use applications from areas such as physics, biology, pharmacology, chemistry, ecology, sociology, and electric engineering. Students will use numerical, symbolic, and graphing techniques to obtain solutions. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 289. Independent Study in Mathematics.** This course provides individual instruction. Students may repeat the course when topics vary. **Prerequisite:** Instructor approval.
- 321. College Geometry.** This course provides a rigorous study of the concepts and applications of the properties of finite geometrics and of points, lines, triangles, and circles in Euclidean geometry. Students will also study and contrast non-Euclidean geometries. Instructors teach this course with a discovery approach in which students scaffold their comprehension through careful axiomatic study. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 326. Problem Solving for Elementary Teachers.** This course provides a rigorous study of the concepts of effective problem-solving strategies. Students will apply strategies to various problems taken from critical areas of algebra, number concepts, geometry, probability, statistics, measurement, and logic. The scope and sequence will be formative in nature and use a discovery approach to allow students to scaffold their critical-thinking skills into a mathematical problem-solving rubric. The course will emphasize logical reasoning in all strategies to distinguish the importance of the process of problem solving rather than just finding the answer. Students will use appropriate computer software and hand-held technologies. With pre-service elementary teachers in mind, this course will also integrate the pedagogy of modeling these skills to elementary mathematics students. **Prerequisite:** MATH 1314 and MATH 1350 and MATH 1351 with a C or better.
- 334. Introduction to Abstract Algebra.** This course provides a rigorous study of the concepts and applications of the properties of the integers, permutations, groups, rings, integral domains, and fields. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 352. Math Foundations and Application.** This course provides a rigorous study and review of the concepts of algebra, geometry, probability, statistics, trigonometry, and calculus. Other topics may include elements

- from number theory, linear algebra, and abstract algebra. Applications of real-world problems with an emphasis on problem-solving skills drive this course. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 357. Probability and Statistics.** This course provides a rigorous study of the concepts and applications of probability, discrete and continuous distribution, estimation, and hypothesis testing using concepts from calculus. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 415. Numerical Analysis.** This course provides a rigorous study of the concepts and applications of the use of numerical methods for the solution of mathematical problems such as linear systems of equations, curve fitting, root finding, differentiation, and integration. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 and COSC 1315 with a C or better.
- 426. Problem Solving.** This course will apply effective problem-solving strategies to various examples from areas such as algebra, geometry, probability, calculus, trigonometry, number theory, discrete math, linear algebra, and logic. The scope and sequence will be formative in nature and use a discovery approach to allow students to scaffold their critical-thinking skills into a mathematical problem-solving rubric. The course will emphasize logical reasoning in all strategies to distinguish the importance of the process of problem solving rather than just finding the answer. Students will use appropriate computer software and hand-held technologies. With pre-service math teachers in mind, this course will also focus on the pedagogy of teaching these skills to 7-12 grade mathematics students. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 430. Mathematical Modeling.** This course provides a rigorous study of the concepts and applications of techniques used to model data related to real-world systems and scenarios from areas such as physics, biology, pharmacology, chemistry, ecology, sociology, astronomy, and archeology. Students will consider discrete and continuous models, theoretical and empirical models, deterministic and probability models, and analytic and simulation models. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 437. Number Theory.** This course provides a rigorous study of the concepts and applications of the properties of integer representations and operations, analysis and complexity of algorithms, mathematical induction, divisibility, primes and composites, congruences and systems, the Fundamental Theorem of Arithmetic, Pythagorean triples, multiplicative functions, and cryptology. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** MATH 2314 or MATH 2414 with a C or better.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary. **Prerequisite:** Instructor approval.
- 493. Capstone in Mathematics.** This course is the conclusion of preparation of a portfolio of mathematical experiences composed of artifacts from throughout a student's time in upper-level mathematics classes. The course will require the presentation of a selected portfolio artifact. **Prerequisite:** Senior standing and instructor permission. Instructors grade this course on a Satisfactory (S) or Unsatisfactory (U) basis.
- 493. Capstone in Mathematics.** This course is the conclusion of preparation of a portfolio of mathematical experiences composed of artifacts from throughout a student's time in upper-level mathematics classes. The course requires the presentation of a selected portfolio artifact. Instructors will grade the course on a Satisfactory (S) or Unsatisfactory (U) basis. **Prerequisite:** Senior standing and instructor permission.

Nursing (NURS)

- 301. Professional Nursing Practice.** (3 SCH) This course emphasizes the history, philosophy, concepts, and theoretical foundations that contribute to defining professional nursing practice and emphasizes socialization into professional-nursing practice. The course incorporates exploration and comparison of personal philosophy of nursing care.
- 302. Health Assessment across the Life Span.** (3 SCH) This course introduces the concepts and techniques of health and cultural assessment of individuals and families across the life span for use with the nursing process. The course emphasizes history and data collection and critical analysis in situations of health and deviations from health. Laboratory experiences enable student practice of clinical assessment skills and analysis and decision-making for nursing practice.
- 303. Leadership and Management in Nursing Practice.** (4 SCH) This courses focuses on the concepts of leadership and management and their implications for delivery of professional nursing care. The course includes the assessment and analysis of a real-work problem, assessment of the work environment, and development of a proposed solution as well as principles of client education.

- 305. Professional Nursing Practice with Individuals and Families.** (3-3). (4 SCH) In this course, students must synthesize knowledge from all previous courses as they provide care to people with complex, unpredictable, or chronic health needs in diverse settings where established protocols or direct supervision may or may not be support decision-making . Students will direct themselves in the development of learning objectives and in using the nursing process for knowledge-based nursing interventions; evaluation of outcomes; and revisions in nursing care to maintain, restore, and promote health of individuals and families or to achieve a peaceful death. Individual clients may be children or adults whose care occurs within the context of a family. The course emphasizes the application of research findings for critical thinking in case management, integration of pathophysiology, psychosocial and cultural concepts and professional values to coordinate care in a variety of settings with quality and continuity. The course includes pharmacology, pain management, crisis intervention, and discharge planning.
- 317. Pathophysiology for Nursing.** (3 SCH) The major focus of this course is for nurses to understand the pathophysiological basis for disease processes in adults and children. Central concepts will address symptoms, treatment, prognosis, and case studies. The major direction of the course will be on clinical application of findings that underlie the pathogenesis of the disease process.
- 404. Introduction to Research for Nursing Practice.** (3 SCH) This course examines the research process as a means of generating knowledge for nursing practice. Students discuss the steps in the research process with the goal that they will become knowledgeable consumers of nursing research. In addition to research methodology, the course emphasizes information retrieval and the review and critique of published nursing research with consideration of the use of research findings in clinical practice.
- 406. Community Health Nursing Practice.** (5 SCH) This course introduces community-based nursing practice and the role of various systems for care of individuals, families, and high-risk groups. The course focuses upon the role of the professional nurse in health promotion, primary disease prevention, and management of chronic-health problems in community settings. Clinical laboratory practice is individualized and focuses on the use of the nursing process for direct care and family teaching in community settings, assessment of the environment of care, and interventions for vulnerable populations.
- 407. Quality Issues and Responsibilities in Professional Nursing Practice.** (2 SCH) This course is a seminar course that explores political, legal, ethical, and policy issues affecting the quality of health-care delivery and nursing practice. The course includes the responsibility and means by which professional nurses can affect quality.
- 489. Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary.
- 497. Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary.

Physics (PHYS)

- 1101. College Physics I Lab.** (1 SCH, 0-2) Physics lab covers mechanics, heat, thermodynamics, and sound. **Corequisite:** Students must take this course concurrently with PHYS 1301.
- 1102. College Physics II Lab.** (1 SCH, 0-2) Physics lab covers electricity and magnetism, light, and modern physics. **Corequisite:** Students must take this course concurrently with PHYS 1302.
- 1301. College Physics I.** (3 SCH, 3-0) This course covers algebra-level physics sequences for students in pre-professional programs, biology, geology, or architecture who do not expect to do additional work in engineering or physics. The course covers basic mechanics, fluids, and thermodynamics. **Corequisite:** MATH 1314 or higher.
- 1302. College Physics II.**(3 SCH, 3-0) This course covers algebra-level physics sequence for students in pre-professional programs, biology, geology, and architecture who do not expect to do additional work in engineering or physics. The course covers electricity and magnetism, light, and modern physics. **Corequisite:** MATH 1314 or higher.
- 2125. University Physics I Lab.** (1 SCH, 0-2) Physics lab covers elementary vector algebra, mechanics, heat, thermodynamics, and sound. **Corequisite:** MATH 2413, and students must take this course concurrently with PHYS 2325.
- 2126. University Physics II Lab.** (1 SCH, 0-2) This lab covers electricity and magnetism, light, and modern physics. **Corequisite:** PHYS 2326 and MATH 2413.
- 2325. University Physics I.** (3 SCH, 3-0) This course is a calculus-based physics sequence for students in computer science and engineering programs. Topics include elementary vector algebra, mechanics, heat, thermodynamics, and sound. **Corequisite:** MATH 2413.

2326. **University Physics II.** (3 SCH, 3-0) This course is a calculus-based physics sequence for students in computer science and engineering programs. This course covers electricity and magnetism, light, and modern physics. **Corequisite:** MATH 2413
289. **Independent Study in Physics.** (SCH may vary) This course provides individual instruction. Students may repeat the course when topics vary.

College of Science, Technology, Engineering, and Mathematics— Graduate Course Descriptions

Biology (BIOL)

510. **Contemporary Issues in Biology I.** (3 SCH, 3-0) This course will focus on important contemporary topics in biological science. These topics will include such issues as DNA and the Human Genome Project, human development and stem cells, and genetic disorders and gene therapy.
511. **Contemporary Issues in Biology II.** (3 SCH, 3-0) This course will focus on important contemporary topics in biological science. These topics will include such issues as global warming, HIV infection and AIDS, origin and evolution of life, and acid rain.
515. **Darwin and the Origin of Species.** (3 SCH, 3-0) This course will focus on Darwin's hypotheses and compare his ideas with modern developments in the study of biological evolution.
589. **Independent Study.** (3 SCH, 3-0) This course provides individual instruction. Students may repeat the course when topics vary.
597. **Special Topics in Biology.** (3 SCH, 3-0) Instructors will provide an organized class. Students may repeat the course when topics vary.

Chemistry Education (CHED)

510. **Analyzing Student Work in Chemistry.** This course will focus on diagnosing obstacles students have with understanding molecular concepts. Instructors will present pedagogical strategies, structural models, and reflective teaching to improve education practices in the secondary chemistry classroom.
511. **Teaching Contextual Chemistry.** This course will focus on methods of teaching secondary chemistry through context. Instructors will demonstrate pedagogical models such as using problem solving through contemporary issues and problem-based learning (PBL) as well as the 5E model.

Earth System Science (ESS)

589. **Independent Study.** (3 SCH 3, 0) This course provides individual instruction. Students may repeat the course when topics vary.
597. **Special Topics.** (3 SCH 3, 0) Instructors will provide an organized class. Students may repeat the course when topics vary.

Health Science (HSCI)

545. **Wellness Lifestyle.** This course explores a comprehensive examination of cardiovascular health, the impact of the body's physiological reaction to stress as it relates to disease, and the relationship between diet and certain diseases. Students who have already completed HSCI 345 are not eligible for this course. Cross-listed with HSCI 345.
546. **Complementary and Alternative Health Care.** This course is an introduction to the practice of complementary and alternative health care. Students will discuss such modalities as homeopathy, herbal medicine, acupuncture, and massage therapy. The course will use alternative practitioners from the community as guest speakers. Students who have already completed HSCI 346 are not eligible for this course. Cross-listed with HSCI 346.

Mathematics (MATH)

525. **Advanced Geometry.** This course provides a rigorous study of the concepts and applications of advanced geometries other than Euclidean. This course will require a research component. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** At least 24 hours of undergraduate mathematics including a course comparable to College Geometry.

533. **Algebraic Structures.** This course provides a rigorous study of the concepts and applications of common algebraic structures. This course will require a research component. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** This course requires at least 24 hours of undergraduate mathematics including a course comparable to Discrete Mathematics.
537. **Vector Spaces and Linear Transformations.** This course provides a rigorous study of the concepts and applications of vector spaces and linear transformations from a more-algebraic and theoretical viewpoint. This course will require a research component. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** This course requires at least 24 hours of undergraduate mathematics including a course comparable to Linear Algebra.
545. **Analysis.** This course provides a rigorous study of the concepts and applications of the underpinnings of calculus from an advanced theoretical viewpoint. This course will require a research component. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** This course requires at least 24 hours of undergraduate mathematics including two courses comparable to Calculus I and Calculus II.
589. **Independent Study.** This course provides individual instruction. Students may repeat the course when topics vary. **Prerequisite:** Instructor approval.
597. **Special Topics.** Instructors will provide an organized class. Students may repeat the course when topics vary. **Prerequisite:** Instructor approval.

Mathematics Education (MAED)

501. **Number Concepts and Algebra.** This course is for elementary mathematics teachers seeking certification as Master Mathematics Teachers. The course provides a rigorous study of the concepts and applications of number concepts and algebra for the elementary classroom from advanced theoretical, historical, and pedagogical viewpoints. This course will require a research component. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** This course requires acceptance into the Master Mathematics Teacher Certification Program or instructor approval.
502. **Patterns and Geometry.** This course is for elementary mathematics teachers seeking certification as Master Mathematics Teachers. The course provides a rigorous study of the concepts and applications of patterns and geometry for the elementary classroom from advanced theoretical, historical, and pedagogical viewpoints. This course will require a research component. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** This course requires acceptance into the Master Mathematics Teacher Certificate Program or instructor approval.
503. **Measurement, Probability, and Statistics.** This course is for elementary mathematics teachers seeking certification as Master Mathematics Teachers. The course provides a rigorous study of the concepts and applications of measurement and probability and statistics for the elementary classroom from advanced theoretical, historical, and pedagogical viewpoints. This course will require a research component. Students will use appropriate computer software and hand-held technologies. **Prerequisite:** This course requires acceptance into the Master Mathematics Teacher Certificate Program or instructor approval.
520. **Mathematics Methods for Secondary Education.** This course provides experience with methods for teaching mathematics at the secondary level. Course content will focus on mathematics instruction and contemporary topics the NCTM Principles and Standards for School Mathematics outlines. Course instruction helps the mathematics teacher understand how to better plan, develop, and implement teaching methods and strategies in the classroom. Students will use appropriate computer software and hand-held technologies. The university offers this course in the summer as needed. **Prerequisite:** This course requires at least 24 hours of undergraduate mathematics or instructor approval.
529. **Workshop in Math Education.** This course provides in-service mathematics teachers with content knowledge and pedagogical techniques for teaching mathematics to grades K-12. Topics include problem solving, numbers and operations, patterns, functions, algebra, geometry and measurement, data analysis, statistics, probability, trigonometry, and calculus. Students will use appropriate computer software and hand-held technologies. The university offers this course in the summer as needed, and students may repeat the course when topics vary. **Prerequisite:** This course requires at least 12 hours of undergraduate mathematics or instructor approval.
540. **Problem Solving for Elementary Teachers.** This course extends the participant's knowledge and skills in teaching elementary mathematical concepts using exploration, conjecture, communication, and reasoning strategies. The course emphasizes using logic and evidence rather than the textbook as authority; critical thinking rather than memorization and problem solving rather than repetition; and the connection of

concepts to real-world applications. Instructors will challenge students to expand and modify their current notions about effective elementary mathematical teaching. This course will require a research component. Students will use appropriate computer software and hand-held technologies. Prerequisite: This course requires at least 12 hours of undergraduate mathematics or instructor approval.

589. Independent Study. This course provides individual instruction. Students may repeat the course when topics vary. **Prerequisite:** Instructor approval.

597. Special Topics. Instructors will provide an organized class. Students may repeat the course when topics vary. **Prerequisite:** Instructor approval.

Nursing (NURS)

501. Nursing Theory. This course examines the theoretical and conceptual bases of nursing to encourage students to critique, evaluate, and use appropriate theory within their own practice. This course focuses on a variety of theories from nursing and related fields. Students will explore the application and use of these theories to provide quality health care in the current health-care delivery system.

502. Nursing Issues, Policy, and Ethics. This course focuses on the health-care delivery system as it impacts nursing; specifically health care policy, financing of health care, the role of politics in decision making, and how entities organize the health-care system. The course will also address the changing role of the nurse in the health-care system as well as current nursing issues. A major component of the course will be ethical decision making in the face of constraints such as financial issues. An important thread of the course is the impact of growing culturally diversity in the nursing workforce as well as in those nurses serve. Students will pay particular attention to the role of the advanced-practice nurse within the health-care system as a leader in implementing change. **Prerequisite:** Students must have graduated with a BSN and receive admission to the MSN program.

504. Nursing Research. This course builds on basic knowledge of the research process focusing on the scientific, programmatic, and ethical issues of conducting research. It emphasizes the integration of research into nursing practice by employing research and critical-analysis techniques to develop research proposals, investigate nursing problems, and incorporate evidence-based research into practice. **Prerequisite:** Students must have graduated with a BSN and receive admission to the MSN program.

520. Administrative Theories. This course explores the theories of leadership and organizational behavior as they apply to the health-care arena. The course will identify a personal philosophy of nursing leadership applicable to a wide variety of roles. It focuses on implementation of strategies for change while analyzing the probable consequences of alternative plans and actions. Major content includes (but is not limited to) preparing the environment for change, professional and organizational communications, policy development, contracting, negotiating, and delegating. **Prerequisite:** Students must have graduated with a BSN and receive admission to the MSN program.

522. Healthcare Economics and Financial Management. This course focuses on providing the nurse administrator or manager with a basis for understanding the fiscal status of health-care organizations. The course explores the nurse executive role in financial management, strategic planning and marketing, and quality assurance and risk management initiative for health-care organizations. **Prerequisite:** Students must have graduated with a BSN and receive admission to the MSN program.

524. Healthcare Law and Policy. The emphasis of this course is legal, policy, and procedural dimensions of health-care delivery and administration. The course evaluates historical, current, and predicted health-care policies formulated at the national, state, and local levels. The course emphasizes the collaboration of nursing in determining and implementing health-care policy and understanding legal ramifications. **Prerequisite:** Students must have graduated with a BSN and receive admission to the MSN program.

529. Nursing Informatics. This course provides an overview of the management of information through application of computer, information, and nursing-science concepts. The course focuses on how nurses employ information technology within clinical practice, administration, education, and research settings to improve communication and the delivery of health care. The course enhances the ability of students to apply informatics in the healthcare system. (3 SCH: 3 lecture hours per week).

535. Nursing Administration Practicum. This course uses assessment and planning strategies to effect change within the health-care system. The purpose of the course is to enable the professional nurse to make sound clinical and administrative decisions based on a theoretical framework. The course uses theories of management, leadership, change, and behavior modification to facilitate the identification of needed change. The student will apply research and didactic content in a variety of practice settings with a selected clinical population. **Prerequisite:** NURS 501, 502, 504, and 529.

- 589. Independent Study in Nursing.** This course provides individual instruction. Students may repeat the course when topics vary.
- 591. Research Project.** This course investigates a selected nursing problem for a chosen theoretical perspective under the direction of a Faculty Research Advisor and Committee. The student enrolls for subsequent semesters until the advisor approves the project, and the student completes and defends the project successfully. Only 6 SCH may apply toward a degree. Students may complete this course as a group project.
- 595. Thesis.** This course involves original research under the direction of a Faculty Thesis Advisor and committee. The students enroll for subsequent semesters until the advisor approves the thesis, and the student completes and defends the thesis successfully. Only 6 SCH may apply toward a degree.
- 596. Healthcare Management.** This course emphasizes the special problems nurses encounter in the nursing health-care administration field. Students apply the principles of nursing management, leadership, and research in this special environment of the health-care profession. **Prerequisite:** Students must have graduated with a BSN and receive admission to the MSN program.

Science Education (SCED)

- 503. Strategies for Teaching Science.** (3 SCH, 3-0) This course covers the diagnosis and remediation of instructional strategies in problem areas in elementary- and secondary-school science. The course also discusses problems related to curricula design, instructional materials, and child development.
- 504. Guiding Student Research in Science.**(3 SCH, 3-0) This course trains teachers in content and assessment procedures that address the Texas Essential Knowledge and Skills (TEKS) and *State of Texas Assessments of Academic Readiness* (STAAR) objectives for all learners. The course will emphasize the scientific thinking processes. Topic include basic science concepts and basic methodology for guiding students in doing research and science projects.
- 505. Teaching Environmental Science.** (3 SCH, 3-0) This course will concentrate on the basic principles of environmental education using a hands-on approach. The course stresses basic environmental principles and how to teach them. The university offers this course in summer as needed.
- 506. Earth-System Science for K-4 Teachers.** (3 SCH, 3-0) This course covers the study of spheres—the biosphere, atmosphere, hydrosphere, and lithosphere. Students will learn about the major concepts important to each of these spheres and how to teach them to K-4 students. Students will also learn to use Internet resources and to interact with others in a virtual community of teachers and learners and to focus on content, pedagogy, and technology integration.
- 507. Earth-System Science for Grades 5-8 Teachers.** (3 SCH, 3-0) Students will explain Earth sphere and event interactions in relation to specific events; perform analyses of consequences to the spheres and to specific events; create collaborative, inquiry-based classroom applications; and use technology as a learning and teaching tool for grades 5-8 students. This course covers the study of the Brazilian deforestation, the Mt. Pinatubo eruption, the Larsen Ice Shelf disintegration, and Hurricane Dennis. Students will also learn to use Internet resources and to interact with others in a virtual community of teachers and learners to focus on content, pedagogy, and technology integration.
- 508. Earth-System Science for Grades 9-12 Teachers.** (3 SCH, 3-0) The focus of this course is on the student developing Earth-system science knowledge using the Problem-Based Learning (PBL) Model. The student will then apply what he or she learns about Earth-system science and Problem-Based Learning to their own grades 9-12 classrooms and school curriculum. The course covers the study of the coral reefs, tropical rain forest, ozone, and global-climate change. Students will also learn to use Internet resources and to interact with others in a virtual community of teachers and learners to focus on content, pedagogy, and technology integration.
- 529. Workshop in Science Education.** (6 SCH, 6-0) Students may repeat this course when topics vary. This course provides in-service elementary science teachers with content knowledge and pedagogical techniques for teaching science to elementary-school children. Topics include content in life, earth, and physical sciences. The course will use hands-on and minds-on methods for teaching science.
- 597. Special Topics.** (3 SCH, 3-0) Instructors will provide an organized class. Students may repeat the course when topics vary.

