

A **TEXAS**
& **M**
UNIVERSITY
TEXARKANA

2012-2013 CATALOG



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**TEXAS A&M UNIVERSITY-TEXARKANA
2012-2013 CATALOG**



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

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Texas A&M University-Texarkana 2012-2013 University Catalog

PRESIDENT'S MESSAGE



Thank you for choosing Texas A&M University-Texarkana! Our dedicated faculty and staff are eager to assist you in pursuing your educational goals. We welcome you to our new campus at Bringle Lake. This is an exciting time in the history of this institution and we are glad that you have chosen to be a part of it.

Serving the residents of the Four States region for the past 40 years has enabled many of our citizens to obtain a college degree. In current times, a college degree is even more valuable to enable citizens the ability to succeed. As a student of this institution, you are identified by a name and not by a student ID number. As a student with us, you will be provided an opportunity to feel engaged in the learning process and have opportunities to be a part of Eagle Athletics, student clubs and other forms of vibrant campus life activities.

Our entire university family joins me in wishing you much success with your studies at A&M-Texarkana. Please don't hesitate to contact us if we can be of assistance to you!

Dr. Carlisle B. Rathburn, III
President
Texas A&M University-Texarkana

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

Board of Regents

Richard A. Box, Chairman
Phil Adams, Vice Chairman
Morris E. Foster
Elaine Mendoza
Judy Morgan
Jim Schwertner
Cliff Thomas
John D. White
James P. Wilson
John “Quinten” D. Womack -- Student Regent

Administrative Officers

John Sharp, Chancellor
James Hallmark, Vice Chancellor for Academic Affairs
Gregory R. Anderson, Chief Financial Officer and Treasurer
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
Pierce E. Cantrell, Chief Information Officer
Ray Bonilla, General Counsel
Jeffrey R. Seemann, Chief Research Officer
Chris Meyer, Chief Safety Officer
Catherine A. Smock, Chief Auditor
Janet Smalley, System Ethics and Compliance Officer

System Universities

[Texas A&M University](#)
[Prairie View A&M University](#)
[Texas A&M University-Commerce](#)
[Tarleton State University](#)
[West Texas A&M University](#)
[Texas A&M University-Kingsville](#)
[Texas A&M University-Corpus Christi](#)
[Texas A&M International University](#)
[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

Texas A&M University-Texarkana (A&M-Texarkana) is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation status of Texas A&M University-Texarkana or if there is evidence that appears to support A&M-Texarkana's significant non-compliance with a requirement or standard. The University is also accredited by the State Board for Educator Certification, the Texas Education Agency, the Commission on Collegiate Nursing Education, and complies with the rules and regulations of the Texas Higher Education Coordinating Board.

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:

- American Association of Petroleum Geologists
- American Association of State Colleges and Universities
- American Payroll Association
- American Student Government Association
- Amigos Library Services
- Association for Computing Machinery
- Association for Information Communications Technology Professionals in Higher Education
- Better Business Bureau
- Council for Advancement & Support of Education District IV
- Council of Student Services Vice Presidents
- Educause
- Innovative Users Group
- Mount Pleasant/Titus County Chamber of Commerce
- National Association of College and University Business Officers
- National Association of College and University Residence Halls
- National Association of Student Financial Aid Administrators
- Northeast Texas Consortium of Colleges
- Oklahoma Counseling Association
- Society for Neuroscience
- Southern Association of Collegiate Registrars and Admissions Officers
- Southwestern Association of Student Financial Aid
- Southwestern Business Dean's Association
- Texarkana Chamber of Commerce
- Texarkana Chamber of Commerce: Economic Development Council

- Texarkana Regional Arts & Humanities Council
- Texas Alternative Certification Association
- Texas Association of Baccalaureate and Graduate Nursing Education
- Texas Association of Colleges for Teacher Education
- Texas Association of Collegiate Registrars and Admissions Officers
- Texas Association of Deans & Directors of Professional Nursing Programs
- Texas Association of Student Financial Aid Administrators
- Texas Council of Academic Libraries
- Texas Council of Chief Academic Officers
- Texas Council of Public University Presidents and Chancellors
- United States Tennis Association

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. Through the personal attention of our faculty and staff, students are afforded the opportunity to acquire the knowledge, abilities, and skills to become leaders in their chosen profession and to prepare for the opportunities of serving in a global environment.

Vision

As a comprehensive university serving Texas and the four-state region, the University will be recognized for:

- Attention to individual student success
- Excellent teaching and learning experiences
- Successful partnerships
- Commitment to regional economic, social and cultural development
- Expanding research agenda

Strategic Plan

For the Strategic Plan FY2011-FY2015, click the following link:

<http://www.tamut.edu/administration/StrategicPlan.pdf>.

2012-13 ACADEMIC CALENDAR

Please see the next two pages for the 2012-13 Academic Calendar or click the following link:

<http://www.tamut.edu/calendar/2012.05.04%20FINAL%20FY2012%202013%20Academic%20Year%20Calendar1.pdf>

August 2012

S	M	T	W	T	F	S	
			1	2	3	4	8/27: First day of class
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: 8/27-12/13

February 2013

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			

September 2012

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							

March 2013

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

October 2012

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				

April 2013

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					

November 2012

S	M	T	W	T	F	S	
				1	2	3	11/22: Thanksgiving
							11/23: Holiday
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		

May 2013

S	M	T	W	T	F	S	
			1	2	3	4	5/18: Graduation
5	6	7	8	9	10	11	5/13: Last Class Day
12	13	14	15	16	17	18	5/14-16 Final Exams
19	20	21	22	23	24	25	5/27: Memorial Day: Work 4 10s/ NO CLASS
26	27	28	29	30	31		5/23-24: Planned IT Maintenance

December 2012

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

June 2013

S	M	T	W	T	F	S	
						1	6/10: First class day Sum I, Sum 4 week, & Sum 10 week
2	3	4	5	6	7	8	6/10: Summer work hours begin - (4 ½ days)
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	Sum I 4 week: 6/10-7/5
23	24	25	26	27	28	29	Sum I 5 week: 6/10-7/12
30							Sum 10 week: 6/10-8/16

January 2013

S	M	T	W	T	F	S	
		1	2	3	4	5	1/22: First class day
							1/21 MLK Holiday
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			
							Spring Semester: 1/22-5/17

July 2013

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

August 2013

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

2012-13 Academic Calendar was approved by the Administrative Council on March 23, 2012 and by The Texas A&M University System Board of Regents on May 4, 2012.

GENERAL INFORMATION

Statement of Equal Opportunity

It is the policy of A&M-Texarkana not to 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. Inquiries regarding compliance may be directed to Human Resources, 7101 University Ave., Texarkana, Texas 75503, telephone (903) 223-3012, or to the Director of the Office for Civil Rights, Department of Health, Education and Welfare, Washington, D.C., or the Texas Commission on Human Rights, Austin, Texas.

Statement of Sexual Harassment

Sexual harassment of students or employees at A&M-Texarkana is unacceptable and will not be tolerated. Guidelines governing the policy are available upon request from the Office of Student and Academic Support Services for students and the Office of Human Resources/EEO for employees.

Directory Information

In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), A&M-Texarkana gives notice that the following directory information will be released 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 or part-time status, and most recent previous educational agency or institution attended by the student.

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. This request will be honored, and all of the information will be held 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. Any course may be withdrawn 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. A student can access Web for Students to view Admission Status, Account Summary, Register for Classes, Financial Aid Inquiry, Grade Inquiry, and Hold Inquiry, and to 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 User ID has been provided the student in previous correspondence.

4. Enter PIN. The first time the student accesses Web for Students, the password will be his/her date of birth (example - April 15, 1975 = 041575). The student will be asked to change the PIN by selecting another six-digit number that is not his/her date of birth.
5. If this is the student's first time to access Web for Students, the student must set up a Pin Question and Answer.
6. Follow 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 will be required to 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 web from home may use computers available in the library or access the web via a computer terminal available in the Office of Admissions. Once classes begin, students will not be allowed to withdraw from the University on Web for Students. A student who wishes to drop or withdraw should contact the Office of Admissions.

Semester Grades

Semester grades are posted to Web for Students at the end of the term. Grades will not be mailed. Students should log on to Web for Students to obtain 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.

Information about Blackboard, including information on how to logon, may be found 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/she should select Go to My Blackboard.

Note: Faculty may not give access to Blackboard until the first day of the term.

Graduate Comprehensive Examinations

Graduate students may be required by the specific college 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 website for Schedule of Classes for each term then see Comprehensive Exam Dates.

THEA Quick Test and Accuplacer Test

Students who have not satisfied the Texas Success Initiative (TSI) may take the Texas Higher Education Assessment (THEA) Test or Accuplacer to satisfy this requirement. Contact the Testing Center at (903) 223-3072 for additional information. Due to limited seating, a student must contact the Testing Center and schedule a time to take the THEA Quick Test. (Note: Students may take the THEA Quick Test only once every 30 days.) The cost for taking the THEA Quick Test is \$29.00 payable to National Evaluation

Systems. For Testing Center information click here <http://www.tamut.edu/testing%20center/index.html>.

Campus Security and Safety

The University is committed to putting 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 Police Chief and two Police officers. All are licensed, commissioned police officers in the state of Texas. The University Police Department (UPD) also includes four security officers. The UPD also handles all safety related matters. 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 ext 6611. The request for assistance will be handled immediately.

Students are encouraged to become familiar with the Code of Student Rights and Responsibilities (The Code). Violations of the criminal portion of The Code as well as all other criminal activities occurring on campus will be prosecuted through the criminal justice system. The UPD encourages students, faculty, and staff to be responsible for their own security and safety as well as 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 can be viewed on the University's web site at Campus Safety or by clicking this link <http://www.tamut.edu/Administration/Campus%20Safety/index.html>. 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. A paper copy of the Campus Crime Report can be obtained by calling the UPD at (903) 223-3114.

Sex Offender Registration Information

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

In Texas, the Texas Department of Public Safety (DPS) is the statewide source of information on sex offenders required by law to register. The DPS Sex Offender Registration open record information may be obtained on the website for the Texas Department of Public Safety.

JOHN F. MOSS LIBRARY

The A&M-Texarkana library is named in honor of the University's founding president, Dr. John F. Moss. It is located 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 has been designed to provide 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 as well as 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: a coin-operated photocopying machine; microform reader-printers, which offer the ability to digitize and e-mail documents; an open computer lab for class assignments or research; computer print stations (black and white or color); scanners; and two graduate study rooms containing personal computers that are readily available as well as two hour check-out of laptops and external DVD+RW drives.

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 check-out privileges. The libraries share an online catalog, the EAGLIT, which enables them to function as two branches. The John F. Moss Library is represented by JFM, and the Palmer Memorial Library is represented by PML. It includes their joint holdings and indicates the resource's format and location within each facility and may be searched at either facility or from any computer with internet connectivity.

Additional information can be found at the following link: [John F. Moss Library](#)

STUDENT ENGAGEMENT AND SUCCESS

The staff of the Student Engagement and Success (SES) Division at Texas A&M University-Texarkana (A&M-Texarkana) 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. It is the goal of the SES to broaden student opportunities to learn, develop, and interact as well as to become involved in campus life, become acquainted with all the exciting things happening at A&M-Texarkana, and build life-long friendships and connections.

SES is comprised of the following offices and programs:

- Admissions
- Campus Recreation (Intramurals & Fitness)
- Commencement
- Disability Services
- Financial Aid and Veterans Affairs
- Health and Counseling Services
- Housing and Residential Life
- Intercollegiate Athletics
- Judicial Affairs
- One Stop (Enrollment Management)
- Registrar
- Scholarships
- Student Activities and Programs
- Student Complaints and Grievances
- Student Government
- Student Life

The SES staff is committed to assisting and helping students make their experience at A&M-Texarkana effortless and unproblematic. Students are encouraged to let staff know how they can assist them. Additional information can be found at the following link: <http://www.tamut.edu/student-engagement-and-success>.

Student Rights and Obligations

Students have rights that are to be respected. These rights include respect for personal feelings, for freedom from indignity of any type, for freedom from control by any person except as may be in accord

with published rules and procedures of A&M-Texarkana or The Texas A&M University System, and for conditions that allow the best use of time and talents toward educational objectives. No officer or student, regardless of position or rank, shall violate those rights; no custom, tradition or regulation in conflict will be allowed to prevail. At all times students are expected to recognize constituted authority, to conform to the ordinary rules of good conduct, to be truthful, to respect the rights of others, to protect private and public property, and to make the best use of time toward the completion of an education. [The Code of Student Rights and Responsibilities](#) (The Code) is designed neither to be exhaustive nor to 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, it may be necessary to modify The Code.

It is incumbent upon students to be aware of 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 is applicable. Additional information can be found at the following link: <http://www.tamut.edu/student-life/judicial-affairs1/student-code-of-conduct>.

ADMISSIONS

Applying for Admission

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

Please answer all questions on the application **ACCURATELY**. Admission is invalid if granted on the basis of incorrect information or omitted facts which, if known, would have caused the applicant to be ineligible. The completed application, additional forms, official transcripts from all previous colleges and/or universities, and/or official transcripts showing high school graduation, and supporting documents constitute the basis upon which eligibility for admission is determined. For a complete listing of admissions requirements, please visit the admissions website at www.tamut.edu/admissions.

In accordance with the Texas record retention requirements, an application for admission will be kept on file for one year. After that date, the application for admission and file contents will be destroyed.

Application Fee

An application for admission WILL NOT be processed until an application fee is paid. Please allow 2-4 weeks for processing. The application fee and/or admissions requirements (transcripts, test scores, medical records, etc.) must be received within 90 days of submission of the application to avoid cancellation. It is very important that the applicant review the admissions requirements and check his/her admissions status online regularly to confirm the items required for his/her admission file. Admissions criteria and requirements can be found online at www.tamut.edu/admissions.

Priority Deadlines

February 1st--fall semester
May 1st--summer sessions
October 1st--spring semester

Transcripts and Test Scores

It is the applicant's responsibility to request official transcripts from all colleges and universities that he/she has ever attended. This includes 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/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. Records from one institution posted on a transcript from a second institution cannot be used for admissions purposes. Transcripts and/or test scores (CLEP, Dantes, and AP) can be hand delivered in a sealed envelope or be mailed directly from the issuing college/university. 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 course work.

Any work attempted at another college subsequent to admission to the University must be submitted whether or not credit was earned. Transcripts become the property of the University and **CANNOT** be returned to the student. They will be kept 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 undertaken ten or more years prior to enrollment. Applicants who elect to apply for admission under this law and who are admitted as students may not receive any course credit for courses undertaken ten or more years prior to enrollment. The student must declare this option at the time he/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 will be required to 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 with degrees from postsecondary institutions in English speaking countries, or who have successfully completed two years (48 semester credit hours [SCH]) of study in which English was the language of instruction, will be exempt from the TOEFL test.

Residency

Residency status is based on information obtained from the application for admission. It is the applicant's responsibility to answer all questions on the application for admission accurately and honestly. If a current student believes that his/her residency status may have changed, it is the student's responsibility to report this to the Registrar's Office. If a new student/applicant believes that his/her residency status may be incorrect, please contact the Admissions Office. For additional information click the following link: <http://www.tamut.edu/admission/texas-residency.html>.

Bacterial Meningitis

Senate Bills 33 and 1107

This information is being provided to all new college students in Texas. Bacterial meningitis is a serious, potentially deadly disease that can progress extremely fast, hence the utmost caution should be taken. It is an inflammation of the membranes that surround the brain and spinal cord. The bacterium that causes meningitis can also infect the blood. This disease strikes about 3,000 Americans each year, including

100-125 on college campuses, leading to 5-15 deaths among college students every year. There is a treatment, but those who survive may develop severe health problems or disabilities.

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. An entering student includes a first-time student of an institution of higher education or private or independent institution of higher education and includes a transfer student, or a student who previously attended an institution of higher education before January 1, 2012, and who is 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. Additional information can be found at the following link:

<http://www.tamut.edu/admission/bacterial-meningitis.html>.

Updating the Student Record

University records of a student's biographical information, address, etc. are based upon the information given on the Application for Admission. Changes to the student's record AFTER the student has registered must be reported in writing to the Registrar's Office. Once a student has attended the University, name changes WILL NOT be processed on the student email account.

Any communication from the University mailed to the name and address on record is considered to have been properly delivered, and the student is responsible thereafter. Sufficient documentation must be presented when a student changes his/her name. These items are listed on the student update form on the Admission and Registrar websites.

Admissions Requirements and Procedures

A complete list of admissions procedures and requirements for the student types listed below can be found on the Admissions webpage at the following link: <http://www.tamut.edu/admission/index.html>. The student should choose the level that best represents his/her academic situation from the Admissions webpage. 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 his/her high school counselor or principal. This form is available on the Admissions webpage.

Freshman

A student should submit a Freshman Application if he/she:

- Graduated high school or earned a General Equivalency Diploma (GED)
- Will graduate high school or earn a GED
- Earned 1-21 hours of college credit after high school graduation or receipt of a GED

A student who has earned college credit prior to high school graduation or receipt of a GED (dual credit, concurrent enrollment, etc.) is considered a Freshman Applicant, 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/she:

- Earned 22 or more transferable college credit hours

College credit hours include:

- CLEP Credit
- DANTES Credit
- Military Credit – AARTS, SMART, CCAF
- 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 be eligible for admission to the University. This GPA will be estimated prior to determining an admission decision.

Transient

A student should submit a Transient Application for Admission if he/she is:

- Taking courses at A&M-Texarkana for one semester and will transfer the courses back to his/her home college/university to fulfill degree requirements

Graduate

A student should submit a Graduate Studies Application for Admission if he/she is:

- A student who has earned a bachelor's degree
- 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 a bachelor's degree 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. Additional information can be found at the following link:

<http://www.tamut.edu/graduate-studies/index.html>.

Returning

A student should submit a Returning/Readmit Application for Admission if he/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/she is:

- Not a U.S. citizen
- Not a permanent resident of the U.S.

Additional information is available by contacting Director of Student Life by clicking the following link to the International Student section of Student Life at <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. Additional information can be found at the following link: <http://www.tamut.edu/graduate-studies/index.html>.

Application Cancellation

A student's failure to submit the checklist items AND/OR 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 additional factors are obtained regarding, but not limited to, the student's academic performance and/or omission of information.

Admission Appeal Process

A student who does not meet the minimum requirements for admissions to the University may appeal the denial decision.

To appeal a denial decision, a student must submit the following information:

1. A letter stating new and compelling reasons for reconsideration of an admission decision. This letter must be submitted to the Director of Admissions and Outreach at Texas A&M University-Texarkana, 7101 University Avenue, Room UC260, Texarkana, TX 75503.
2. Current contact information, including mailing address and phone number

Supporting documentation (e.g., new or updated transcripts and/or test scores) must be on file prior to the appeal.

The student file will be reviewed once ALL items above are received. Please allow for 10-15 business days for receipt of an admission decision pursuant to an appeal.

Note: For approved reversal of a denial decision, an admission contract may be required. This contract may include, but is not limited to, a higher GPA requirements and utilization of services within the Success Center.

REGISTRATION AND RECORDS

Registration

The Schedule of Classes is published for fall, spring, and summer terms. The scheduled registration dates are listed in the Semester Schedule portion of the Schedule of Classes.

Students are encouraged 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 email using Registrar@tamut.edu.

Web for Students

Web for Students is a web-based interface to A&M-Texarkana's student information system. A student can access Web for Students to view Admission Status, Account Summary; Register for Classes and inquire about financial aid and grades; and to 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 User ID has been provided the student in previous correspondence.
4. Enter PIN. The first time the student accesses Web for Students, the password will be his/her date of birth (example - April 15, 1975 = 041575). The student will be asked to change the PIN by selecting another six-digit number that is not his/her date of birth.
5. If this is the student's first time to access Web for Students, the student must set up a Pin Question and Answer.
6. Follow 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 will be required to 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 web from home may use computers available in the library or access the web via a computer terminal available in the Office of Admissions. Once classes begin, students will not be allowed to withdraw from the University on Web for Students. A student who wishes to drop or withdraw should contact the Office of Admissions.

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, a transcript will be required once the courses are completed. This transcript may be mailed directly to A&M-Texarkana campus from the issuing college/university. Official transcripts that are hand delivered or mailed by the student will be accepted if they are in an envelope clearly sealed by the issuing university.

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 course work. Any student who does not satisfy ALL sections of the Texas Success Initiative (TSI) MUST complete a learning contract with the Academic Advisor. Students must also complete necessary course work or tutorials as appropriate to increase their skills in areas in which they have not satisfied the TSI.

Students must be assessed in reading, writing, and mathematics by one of the Texas Higher Education Coordinating Board's approved assessment tests or meet one of the following exemptions:

ACT: Composite score of 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. (Students meeting the composite and English scores will be exempt from both the Reading and Writing sections of TSI.)

SAT: Composite score of 1070 or higher with a minimum of 500 on the Math and/or Reading (former verbal) section. Residual SAT cannot be used for TSI exemption. SAT scores can be no more than five years old. (Students meeting the Composite and Reading scores will be exempt from both the Reading and Writing sections of TSI.)

Eleventh grade exit-level Texas Assessment of Knowledge and Skills (TAKS): 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. (The English Language Arts section and written subsection must be met together. If only one area is met, students must take both the Reading and Writing sections of TSI.) TAKS scores can be no more than 3 years old.

A student who has graduated with an associate or baccalaureate degree from a regionally accredited Texas public institution of higher education.

A student who is serving on active duty as a member of the armed forces of the United States, the Texas National Guard, or as a member of a reserve component of the armed services of the United States and has been serving for at least 3 years preceding enrollment.

A student who on or after August 1, 1990 was honorably discharged, retired, or released from active duty as a member of the armed forces of the United States or the Texas National Guard, or services as a member of a reserve component of the armed forces of the United States.

Transfer from a private, independent or accredited out-of-state institution of higher education after earning a "C" or better in approved college -level courses as designated by A&M-*Texarkana*. (Contact the Registrar for more information.)

Achieve minimum scores on one of the approved tests (THEA, Compass, Accuplacer, or Asset). (Please contact the Registrar for information on approved tests.)

Satisfied all readiness requirements at another Texas institution of higher education and has provided official documentation of the status.

NOTE: A&M-*Texarkana* is a test site for the THEA Quick Test (QT) and Accuplacer.

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

After Registration

Payment of Tuition and Fees Payment of tuition and fees must be submitted by the deadline as published in the Schedule of Classes published each semester.

Enrollment Changes

Students should make changes or adjustments in enrollment schedules during the designated registration period. Any subsequent changes must be finalized by the deadlines posted in the Schedule of Classes published each semester. After the last day to drop without receiving a grade, students are required to obtain the signature of the instructor or dean prior to dropping or withdrawing from courses. (See *Dropping a Course, Withdrawing from the University*)

Developmental Education Courses

A student enrolled in a developmental education course(s) may not drop the course(s) without facing a forced withdrawal from the University.

A student who has missed a total of four (4) class meetings may be administratively dropped by the instructor of the course at least seven (7) days prior to the last day to drop a course for the semester or session. This letter will include language regarding the possibility of a forced withdrawal if the administrative drop is not rescinded and that he/she will incur any necessary financial penalty.

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(s) but remain enrolled in at least one course is required to contact the Registrar's Office in the University One Stop to complete the official drop/withdrawal form (See Limitation on Dropping Courses). Note: No grade will be assigned for a course dropped officially before the last day to drop or withdraw from the semester. A grade of DR will be assigned.

To drop a course after the census date (see Note at the end of this paragraph), a student must complete the Drop/Withdrawal Request Form, located on the University website <http://tamut.edu/Registrar/droppingwithdrawing-from-classes.html>) or obtained in the Registrar's Office. The student must submit the signed and completed form to the instructor of each course indicated on the form to be dropped for his/her signature. The signature is not an "approval" to drop, but rather confirmation that the student has discussed the drop/withdrawal with the faculty member. The form must be submitted to the Registrar's Office for processing in person, by email Registrar@tamut.edu, by mail (7101 University Ave., Texarkana, TX 75503) or by fax (903-223-3140).

Drop/withdrawal forms missing any of the required information will not be accepted by the Registrar's Office for processing. It is the student's responsibility to ensure that the form is completed properly before submission. If a student stops participating in class (attending and submitting assignments) but does not complete and submit the drop/withdrawal form, a final grade based on work completed as outlined in the syllabus will be assigned. (Note: It is the student's responsibility to ensure that all steps are completed 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 website. Click on the "Current Schedule" link, choose the semester the student is currently enrolled in, choose "Schedule Information," then 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 abandoned without official withdrawal will result in a grade of "F", regardless of the time when the student ceases to attend class. For a Administrative Withdrawal the student may be withdrawn from the University involuntarily for non-payment of fees, failure to attend or participate in classes, for misrepresenting facts on the application for admission, failure to secure the required transcript(s) from colleges and universities attended, failure to document required TSI status, or as a result of disciplinary suspension (See Admissions--Transcripts). If the student is withdrawn involuntarily, he 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 complete one of the following: (1) pay all amounts due by the specified due date, or (2) 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 not paid by the due date for a semester or summer term, 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 a resident undergraduate student whose attempted hours exceeds, by at least 45 semester credit hours (SCH), the number of hours required for completion of the degree program may be charged tuition at a higher rate. The higher rate will not exceed the rate charged 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 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.” This statute was enacted by the State of Texas in spring 2007 and applies to students who enroll in a public institution of higher education as first-time freshman in fall 2007 or later. Any course that a student drops is counted 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 it is the responsibility of the student to establish that good cause. The student should contact the Registrar’s Office for more information before he/she drops a course.

An A&M-Texarkana student affected by this statute that has attended or plans 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 Office, Institutional Advancement, and Planning and Institutional Effectiveness. Provisions are made in these offices 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. Students’ records are regarded as confidential.

The Admissions Office 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.

Student records are released only for use by faculty and professional staff for authorized university-related purposes. A student’s academic records are released only with written consent of the student or due to subpoena by a court of law.

Notification of Rights under FERPA

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

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 the records may be inspected. If the records are not maintained by the Registrar, she shall advise the student of the correct official to whom the request should be addressed.
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 requested by the student, 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. Additional information regarding the hearing procedures will be provided to the student when notified 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 employed by the university in an administrative, supervisor, academic or 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 the following directory information will be released 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, participating 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 attended by the students.

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. This request will be honored, and all of the information will be held confidential.

Release of Student Academic Records

Written authorization from the student is required to release a student's academic record. No phone requests will be accepted. 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. Requests must be dated, and the student's ID number provided. If the transcript is to be mailed to a third party, the name and address must be provided. If the student sends a third party to obtain a transcript, a signed statement authorizing the release to the designated person must be presented.

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

The official transcript is computer generated on maroon security paper. It is validated with the signature of the Registrar, date and university seal. When the transcript is issued to the student, it is stamped "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. Registrar's Office staff will examine the release and make a copy, then allow the investigator to examine the record. The Registrar's Office staff person will complete the appropriate form documenting the situation and attach it to the copy of the release, both of which will be retained 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. Requests by mail will be honored, provided the date, student's ID number and student's signature are included. Transcripts will be provided to the student only. They will not be released or sent to a third party. Each transcript is stamped "Issued To Student" and "Unofficial Transcript." The transcripts are not certified or validated in any way.

Release of Records to Faculty/Staff

Designated school officials, administrative officers, 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. A Request to View Education Records must be completed by the official, and a record is maintained in the student's Registrar file to document who reviewed the record and the purpose. Copies of student transcripts provided to school officials are to be stamped "unofficial" and are not to be released to students or third parties.

ACADEMIC POLICY

Student Honor Code

High standards that include academic honesty, personal integrity, and ethical academic behavior are expected of all A&M-Texarkana students. Reverence, relentless curiosity, and a willingness to participate are essential qualities of an emerging scholar and are encouraged. 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.

Value and Definition of Credit

Semester Credit Hour

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

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 required 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

Courses completed at A&M-Texarkana are considered resident credit. Extension, correspondence, non-traditional credit, and credit received for institutionally devised exams are not considered resident credit.

Course Numbering

The course numbering system consists of three-digit or four-digit numbers preceded by a letter prefix indicating the subject area in which the course is taught.

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.

Course numbers at the 1000-2000 level are considered lower division (LD). Course numbers at the 300-400 level or above are considered to be 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 is registered, 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

A student who violates this rule may be administratively dropped from enough courses to bring his or her schedule within proper limits without refunding any portion of tuition and without a grade being given 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. Any student who violates this policy may be dropped from all classes meeting at the same scheduled hour and day without a grade being given and without refund of tuition.

Full-Time Course Load

Full-time status for an undergraduate student is defined as enrollment in a minimum of 12 SCH. A graduate student enrolled in at least 9 SCH is considered a full-time student.

Course Cancellation

Notification of course cancellations will be announced as early as possible to permit students to enroll in substitute courses.

The dean responsible for cancelling the course(s) is also responsible for notifying those students who have enrolled in the course(s). If a student cannot be reached 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

Any organized class that is shorter in length than the regular semester or summer session term shall be considered a shortened format course and must be approved by college faculty and the VPAA.

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. An academic hour is defined 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 no regularly scheduled courses are offered. To utilize 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.

Students are expected to take required courses as they are regularly offered. Two-year schedules are available in the respective college website.

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

Special Topics

These courses are designed to cover subjects of specific interest which are not addressed in existing courses. Consult the graduate section of this catalog for special instructions for graduate students. A special topics course must be converted to a designated course with a unique prefix, number, and name when scheduled to be taught 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 taken 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. A maximum of two such graduate courses may be applied 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

Students who never attend class may be involuntarily dropped from the course at the request of the instructor (See Administrative Drop). The student may be dropped from the course only after a letter has been mailed to the address on file, notifying him/her of the enrollment status. Specific attendance policies are described 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. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment within a reasonable time after the absence.

Texas Education Code 51.911 defines a religious holiday as a holiday observed by a religion whose places of worship are exempt from property taxation under Section 11.20, Tax Code. If a student and an instructor disagree about the nature of the absence being for the observance of a religious holy day as defined therein, or if there is similar disagreement about whether the student has been given a reasonable time to complete any missed assignments or examinations, either the student or the instructor may request a ruling from the 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/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 be held during severe weather conditions except when the weather adversely affects the normal operation of the University.

There are occasions when road conditions make it dangerous for students to travel even on city streets. Students are expected to exercise good judgment during inclement weather. Students who find it impossible to drive to campus as a result of weather conditions will not be penalized for absences which occur during such times.

Whenever a decision is made to curtail some phase of operations, that information will be made 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 email.

Auditing

An individual who wishes to enroll under the condition of "audit" for informational purposes only and receive no academic credit for the enrollment must notify the Registrar's Office at the time of registration. The required audit form must be completed and approved. The fee is the same as the tuition amount required for academic credit. The condition of "audit" for a course may not be changed to "credit" after registration has been completed, nor may a "credit" course be changed to "audit."

Accredited Institutions

No credit will be accepted from an institution that is not accredited by a regional accrediting association (North Central, Southern, New England, Middle States, etc.). Courses taken at an institution that has only national, professional or specialized accreditation will be limited to the Bachelor of Applied Arts and Sciences degree program, and the credit will not apply to other degrees. Accreditation bodies must be recognized by the Council of Higher Education Accreditation (CHEA).

All credits transferred from an international college or university must be evaluated by an accredited evaluation service such as World Evaluation Services. For more information, contact the A&M-Texarkana Registrar's Office.

Transfer of Credit

Most courses taken at another regionally accredited post-secondary institution in which a grade of D or better is received may be transferred provided the overall transfer grade point average meets the specified transfer acceptance requirements. All credit transferred to the University will be evaluated by the Registrar's Office in terms of equivalency in content, credit hours, and level. The applicability of this credit toward degree requirements will be determined by the chosen degree program in cooperation with the Registrar's Office and the student's faculty advisor.

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

Applicability of transferred courses to requirements for specific degree programs is determined by A&M-Texarkana.

Applicants must request transfer credit from accredited schools. All transferred regular academic credit attempted will be calculated in the overall grade point average.

Students may not enroll off campus during the semester they expect to graduate. Final grades from all courses taken at another university must be recorded on a 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 lower division course is not accepted for credit by a Texas institution. The following procedures shall be followed in the resolution of lower division credit transfer disputes:

1. If an institution of higher education does not accept course credit earned by a student 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 transfer dispute is not resolved to the satisfaction of the student or the sending institution within 45 days after the date the student received written notice of denial, the sending institution may notify the Commissioner in writing of the request for transfer dispute resolution, and the institution that denies the course credit for transfer shall notify the Commissioner in writing of its denial and the reasons for the 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 being presented by a student for transfer from another school is not of an acceptable level or quality, it 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 they have been converted to academic credit by the community college which awarded the credit, or the credit is a completed Applied Associates degree transferred into the Bachelor of Applied Arts and Sciences (BAAS) program. Credit for vocational courses will not be applied to other degrees.

The vocational school must be accredited by a regional accrediting agency or by an agency approved by the Council on Higher Education Accreditation (CHEA). If it is determined that the student used the vocational courses for a high school diploma, credit will not be awarded.

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. Quarter hours and semester hours on the vocational transcript will be transferred in the same manner as academic credit. Quarter hours times $\frac{2}{3}$ equals the number of credit hours. Grades for vocational courses posted by the Registrar's Office will be used to compute the overall GPA.

Transcripting Credit from Foreign Schools

Course work from a foreign institution must be submitted through official transcript and a foreign transcript evaluation service from a recognized foreign transcript evaluation service. If determined to be equivalent to baccalaureate level course work on the U.S., the course work will be added to the student's academic history. However, the course work will be excluded from GPA calculations. In most instances foreign course work does not meet any specific course equivalent and therefore cannot be applied 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 other than a formal classroom setting. Credits earned in this fashion are referred to as non-traditional credit and are not applicable toward satisfying the residency requirement. The five alternative methods of establishing credit accepted by A&M-Texarkana are:

1. Credit by Standardized Examination

Credit for admission may be established by 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 courses taken by CLEP exam or by a local exam from a regionally accredited college. Since many colleges and universities have different minimum scores for passage of CLEP tests, students are encouraged to contact the Registrar's Office to obtain required scores for receiving CLEP credit at A&M-Texarkana.

2. Military Service Credit

Credit may be granted 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 is applicable 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 12 SCH for courses that can meet the elective course requirements for the degree. To qualify for this type of credit, students must meet the following requirements:

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

Unless seeking the BAAS degree, the additional 12 SCH of military credit is not automatically applied to a student’s undergraduate record. Students who wish to have this credit applied to their record are advised to contact the Registrar’s Office for information regarding this process. A DD214, disability discharge documentation, and high school transcript must be provided 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 transcripts be sent to A&M-Texarkana. The following websites may be used to request transcripts:

Navy and Marines <http://www.usmc-mccs.org/education/smart.cfm>

Army <http://aarts.army.mil/>

Coast Guard http://www.uscg.mil/hq/cgi/active_duty/go_to_college/official_transcript.asp

Community College of the Air Force <http://www.au.af.mil/au/ccaf/transcripts.asp>

Courses taken through the United States Armed Forces Institute (USAFI) may transfer at face value. The veteran should contact the Admissions Office 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 U.S. Marines should submit a SMART transcript. Please contact the A&M-Texarkana Admissions Office for information on requesting these transcripts.

3. Institutionally Devised Examinations

Students may challenge any undergraduate course in the University’s course inventory with the exception of practicum and field experience courses by 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 fee to the Business Office

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

After the exam is graded, the dean forwards the request form to the Registrar indicating whether credit is to be awarded. The student is notified of the outcome and if appropriate, credit is posted 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

Students may receive college credit toward a degree for competencies acquired through selected work experiences, in-service training programs, and vocational/technical education. Credit is awarded for learning and not for experience. A&M-Textarkana follows the academic guidelines for assessing prior learning as published by the Council for Adult and Experiential Learning (CAEL) and the American Council on Education (ACE). Questions on assessment procedures and awarding of this type of credit should be directed to the VPAA. No more than 18 SCH may be applied to a degree, with the exception of the BAAS for which a maximum of 24 SCH may be awarded.

5. Correspondence and Extension Credit

No more than 30 semester credit hours of extension and/or correspondence (combined) course work may be applied toward a baccalaureate degree. No more than 18 of the 30 semester credit hours may be completed by correspondence.

A&M-Textarkana does not offer correspondence or extension courses. Courses taken at a university and classified as extension by notation on the student's transcript are also designated as extension courses on the A&M-Textarkana transcript.

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. It is suggested that each student with an IB Diploma discuss potential IB credit with his/her advisor or personnel in Academic Services to determine the best use of IB credits for their individual degree plan

IB COURSE	S L SCORE	H L SCORE	EQUIVALENT COURSE	CREDIT HOURS
English	5	4	ENGL 1301 & 1302	6
French	5	4	FREN 1411 & 1412	8
Spanish	5	4	SPAN 1411 & 1412	8
Economics	5	4	ECON 2301 & 2302	6
Geography	5	4	GEOG 1303	3
History	5	4	HIST 1301 & 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 1406 & 1407	8
Chemistry	5	4	CHEM 1411 & 1412	8
Physics	5	4	PHYS 1401 & 1402	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. Final grades from all courses taken at another university must be recorded 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 be enrolled at the University and have official scores sent to the Admissions Office for academic credit to be added to his/her University transcript. In addition, the following apply:

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

Advanced Placement (AP)

Subject	Score	Equivalent Course	Credit Hours
Art/History of Art	2	Arts 1303 & 1304	6
Art/Studio Art	3	Arts 1316 & 1317	6
Biology	3	Biol 1406 & 1407	8
Calculus AB	3	Math 2413	4
Calculus BC	3	Math 2413 & 2414	8
Chemistry	3	Chem 1411 & 1412	8
Chinese Lang/Culture	3	Chin 1311 & 1312	6
Computer Science A	3	Cosc 1336	3

Computer Science A/B	3	Cosc 1336 & 1337	6
Macroeconomics	3	Econ 2301	3
Microeconomics	3	Econ 2302	3
English/Lang & Comp	3	Engl 1301 & 1302	6
English/Lit & Comp	3	Engl 1301 & 1302	6
Environmental Science	3	Envr 1401	4
French Language	3	Fren 1411 & 1412	8
French Literature	3	Fren 2303 & 2304	6
German Language	3	Germ 1311 & 1312	6
Govt & Politics US	3	Govt 2302	3
History/European	3	Hist 2311 & 2312	6
History/ US	3	Hist 1301 & 1302	6
Human Geography	3	Geog 1302	3
Italian Lang/ Culture	3	Ital 1311 & 1312	6
Japanese Lang/ Culture	3	Japn 1311 & 1312	6
Latin/ Literature	3	Lati 1311 & 1312	6
Music Theory	3	Musi 1311 & 1312	6
Art/History of Art	3	Arts 1303 & 1304	6
Physics B	3	Phys 1405 & 1407	8
Physics C Mechanics	3	Phys 1401	4
Physics C Elect & Magnet	3	Phys 1402	4
Psychology	3	Psyc 2301	3
Spanish Language	3	Span 1411 & 1412	8
Spanish Literature	3	Span 2311 & 2312	6
Statistics	3	Math 1342	3
World History	3	Hist 2321 & 2322	6

College-Level Examination Program (CLEP)

Subject	Score	Equivalent Course	Credit Hour
Financial Accounting	50	ACCT 2301	3

Info Systems & Comp App	50	BCIS 1305	3
Intro Business Law	50	BUSI 2301	3
Prin of Management	50	Mgt 395	3
Prin of Marketing	50	Mkt 363	3
American Literature	50	Engl 2327 & 2328	6
College Composition	50	Engl 1301 & 1302	6
English Literature	50	Engl 2322 & 2323	6
Humanities	50	Huma 1301 & 1302	6
French Language Level 1	50	Fren 1311 & 1312	6
French Language Level 2	59	Fren 1311, 1312, 2311 & 2312	12
German Level 1	50	Germ 1311 & 1312	6
German Level 2	59	Germ 1311, 1312, 2311 & 2312	12
Spanish Level 1	50	Span 1311 & 1312	6
Spanish Level 2	63	Span 1311, 1312, 2311 & 2312	12
American Govt	50	Govt 2305	3
History of the US I	50	Hist 1301	3
History of the US II	50	Hist 1302	3
Human Growth/Dev	50	Psyc 2314	3
Intro Psychology	50	Psyc 2301	3
Intro Sociology	50	Soci 1301	3
Macroeconomics	50	Econ 2301	3
Microeconomics	50	Econ 2302	3
West Civ I	50	Hist 2321	3
West Civ II	50	Hist 2322	3
Biology	50	Biol 1306 & 1307	6
Calculus	50	Math 2313	3

College Math	50	Math 1332 & 1333	6
Precalculus	50	Math 2312	3

DANTES Subject Standardized Test (DSST)

Subject	Score	Equivalent Course	Credit Hour
Astronomy	48	Phys 1311	3
Civil War/Reconstruct	47	Hist 434	3
Criminal Justice	49	Crij 1301	3
Ethics in America	46	Phil 2306	3
College Algebra	47	Math 1314	3
Gen Anthropology	47	Anth 2346	3
Human/Cult Geography	48	Geog 1300	3
Intro to Business	46	Busi 1301	3
Intro to Computing	45	Cosc 1300	3
Intro to Law Enforcement	45	Crij 2328	3
Intro to World Religions	48	Phil 1304	3
Lifespan Dev Psych	46	Psyc 2314	3
Mgt Info Systems	46	Mis 360	3
Money & Banking	48	Fin 325	3
Physical Geology	46	Geol 1303	3
Financial Acct	49	Acct 2301	3
Physical Science I	47	Phys 1315	3
Public Speaking	47	Spch 1315	3
Technical Writing	46	Engl 2311	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 GPA is computed by dividing the grade points accumulated by the number of hours for which a grade, other than X, W, S, U, or NG is received.

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

Academic work at foreign colleges, universities or preparatory schools as well as developmental education courses shall be excluded from GPA calculation.

Satisfactory-Unsatisfactory (S/U) Grades

Certain courses will be evaluated on a satisfactory/unsatisfactory (S/U) graded basis rather than by the traditional letter-grade system. Credit hours are awarded for courses in which an "S" is received. However, grade points are not awarded, and the credit hours are not included in computation of grade point averages.

Only a grade of "S" may be counted toward fulfillment of degree requirements. In no case may a student apply more than three S/U graded courses toward fulfillment of the requirements for graduation. A grade of "U" does not earn credit hours, and it does not count against the computed grade point average. S/U graded courses will be clearly identified in the class schedule and in the syllabus presented to students on the first class day for that course. Courses will not be changed from S/U graded to letter grades 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. An incomplete grade ("X") may be given when a student's work is satisfactory in quality but, due to circumstances beyond his or her control, is not completed by the end of the semester.
2. It is the responsibility of the student to contact the instructor to initiate the request for a grade of incomplete and, if the request is granted, 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, an Incomplete Grade form must be completed 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 preceding the term in which the incomplete grade was posted. If the work is not completed by that time, the incomplete grade will be automatically converted to a grade of F.
4. The student, instructor, and dean must sign the completed Incomplete Grade form. The form may be accessed on the University web site located in the Faculty Forms section. In cases where the student is unavailable, written agreement by the student may be given by fax, email, or letter. A representative of an incapacitated student must contact the Registrar's Office for further instructions.
5. The original copy of the Incomplete Grade form is to be submitted to the Registrar's Office. A copy is to be maintained by the faculty member; a copy is to be given or mailed to the student; and a copy filed in the dean's office.
6. In rare cases, incomplete grades may be assigned for every student in a course. In this case, one Incomplete Grade form for the entire student roster will suffice, and no student signatures are required.

No Grade (NG) Designation

1. Under very unusual circumstances and with appropriate documentation, an instructor may recommend to the dean of his/her college that a student be given a No Grade "NG" as a final grade in a course.
2. It is the responsibility of the student to 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. The form may be accessed on the University web site located in the Faculty Forms section. In cases where the student is unavailable, written agreement by the student may be given by fax, email, or letter. A representative of an incapacitated student must contact the Registrar's Office for further instructions.
3. The original copy of the No Grade form is to be submitted to the Office of the Registrar. A copy is to be maintained by the faculty member, a copy given or mailed to the student, a copy sent to the Financial Aid & Veteran Affairs office, and a copy filed 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 Financial Aid & Veteran Affairs Office regarding any adverse affects the grade of NG may have on the student's aid/benefits.

Repeated Courses (3-Peat Rule)

It is the student's responsibility to notify the Admissions Office when a course is repeated to assure that an adjustment in the GPA will be entered on the student's permanent record.

When a course is repeated, only the grade for the last enrollment for that course (even if the grade is lower) will be used for computing a cumulative grade point average unless the grade is an X, W, or NG. The second grade will be used to determine credit earned for the course and will invalidate the first credit earned for the course. No grade may be erased from a student's record.

Undergraduate students who attempt a course for a third or more times at A&M-Texarkana since fall 2002 will be charged additional tuition of \$50 per semester credit hour for the repeated courses. The student's bill received at registration may not accurately reflect the additional tuition and fees for courses 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 the third 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 based on the 3-Peat charges. Appeals will be considered when the student believes that extenuating circumstances in his or her life justify an exemption from the prevailing policy. Appeals must be submitted in written form and must be based 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.

Requests for an appeal must be submitted 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 they are affected by the 3-Peat Rule. 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. All decisions will be made 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 they will be dropped for non-payment. If the appeals panel waives the additional charges, this portion of the tuition will be refunded. 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/her designee
- Business Manager
- 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/or the Director of Financial Aid and Veteran Services.

Recording/Changing Grades

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

Grades must be recorded within one week of the last official class day of the semester in which the student earned the grade. No grade may be erased from a student record.

Grade Notification

Grades are available via Web for Students at the end of each semester and/or mini-term. Grades are not mailed. A grade dispute or appeal must be initiated 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 grades must be submitted 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

Undergraduate students who maintain a cumulative GPA of 2.00 or above are considered in good standing.

Probation

Undergraduate students who enter with or drop below a 2.00 cumulative GPA will be placed and remain on probation until the cumulative GPA is raised to a 2.00 or above. During the probation period, the student must maintain a semester GPA of 2.00 or higher. Students placed on probation will be officially notified by the Registrar's Office and a statement will be posted on the student's transcript. Students leaving the University on probation will be re-admitted on probation. An official transcript must be provided to the Registrar's Office 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 being placed on suspension for a period of one year, and he will not be eligible to re-enroll until such time period has elapsed.

Suspension

Undergraduate students may be suspended from the University for one calendar year for failure to meet the terms of probation or for grade point deficiency. Students placed on suspension will be officially notified by the Registrar's Office, and a statement will be posted on the student's transcript indicating "Placed on Suspension."

After a period of suspension the student will be permitted to enroll again on probation. Students on suspension from other institutions will not be admitted to A&M-Texarkana until their specified periods of suspension expires unless approval is given by the institution which placed the student on suspension. 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 suspended from another college even though the suspension period has expired.

Note: Enrollment restrictions as a result of suspension are imposed only at the end of the fall and spring terms. Also, the graduate level Probation/Suspension policy can be found in the graduate section of this catalog.

Academic Achievement

Academic Honors

Undergraduate students may qualify for academic achievement recognition on a semester basis. These designations are posted on the student's permanent transcript. Honors categories are not calculated for summer sessions or mini-terms and are not calculated for graduate students. Honors designation will not be posted until all incomplete grades are removed. The criteria for President's Honors and University Honors are listed below.

President's Honors

An undergraduate student must be enrolled 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 be enrolled 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

Students who complete a minimum of 45 hours of their baccalaureate program course work at A&M-Texarkana will be considered 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 GPA will be computed on all course work attempted at any school. (Note: Students who declare Academic Fresh Start are not eligible for graduation honors.) The following honors designations are posted on the student’s permanent academic record (transcript) and diploma. Students graduating Summa Cum Laude, Magna Cum Laude, and Cum Laude are recognized 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 otherwise authorized by the instructor. Academic dishonesty includes, but is not limited to, cheating on a test or other course work, plagiarism, and unauthorized collaboration with another person. Plagiarism is defined 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.

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://www.tamut.edu/administration/University%20Procedures/13.02.99.H1.01.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, tutorials, supplemental instruction, study strategies as well as professional and peer tutors are available. The Success Center also has an early alert/referral program to identify students who are not performing up to academic standards, and procedures are in place to assist these students. Additional information can be found at the following link: <http://www.tamut.edu/university-college/ASK%20Center/ask-center.html>.

TUITION AND FEES

Tuition Status

Tuition is assessed for each student according to residence classification and the number of semester credit hours for which he/she registers. Tuition and fee rates are set by the Texas Legislature and The Texas A&M University System Board of Regents. 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 as required by the institution. If there is any question as to an individual's right to be classified as a resident of Texas, it is the student's obligation, prior to or at the time of enrollment, to raise the question 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, it is the responsibility of the student to 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 tuition rates for nonresident students enrolled in public universities and health-related institutions for academic year 2012-2013 will be set at \$402 per semester credit hour (SCH) plus any designated tuition and, when appropriate, Board-authorized graduate tuition charged by the institution. Exceptions include tuition rates for nonresident students enrolled in medicine, veterinary medicine, dentistry, and law. The tuition rates for those students are provided 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. Appeals will be considered when the student believes that extenuating circumstances in his or her life justify an exemption from the prevailing policy. Appeals must be submitted in written form and must be based 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.

Requests for an appeal must be submitted 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 they are affected by the Undergraduate Funding Limit. 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. All decisions will be made 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 they will be dropped for non-payment. If the appeals panel waives the additional charges, this portion of the tuition will be refunded. 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/her designee
- Business Manager
- 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/or the Director of Financial Aid & 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 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. Request a rebate for work related to a first baccalaureate degree received from a general academic teaching institution.
3. Must have been a resident of Texas and have been entitled to pay resident tuition at all times while pursuing the degree.
4. If enrolled for the first time in fall 2005 or later, 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 determined by the Board to require more than four (4) years to complete.
5. Must have 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, course credit earned exclusively by examination (except that, for the purposes of this program, only the number of semester credit hours earned exclusively by examination in excess of nine (9) SCH is treated as hours attempted), courses dropped after the official census date, for-credit developmental courses, optional internship and cooperative education courses, and repeated courses. Dual credit course and courses dropped for reasons that are determined by the institution to be totally beyond the control of the student shall not be counted. For students concurrently earning a baccalaureate degree and a Texas teaching certificate, required teacher education courses shall not be counted to the extent that they are over and above the free electives allowed in the baccalaureate degree program.

Costs include tuition, student service fee, student center complex fee, admissions/application fee, web/distance ed fee, fitness center and recreational sports fee, records fee, traffic safety fee, international education fee, library fee, student endowed scholarship fee, technology fee, student health fee, college enhancement fee, and advising fee. The following are only minimum figures. Parking fees, course fees, lab fees, and distance education fees are not included.

All checks submitted for payment will have the student's campus wide id (CWID) written on it. University staff will write the CWID on the checks when a student has not done so already.

Tuition Rates Based on Residency

Tuition rates are provided on the Business Office webpage at <http://www.tamut.edu/Business%20Office/index.html>.

Additional information regarding Texas Residency is available online at <http://www.tamut.edu/admission/texas-residency.html>

Resident

To be a Texas resident, a student must have resided in Texas for 12 consecutive months or more and establish a domicile in Texas PRIOR to the semester he/she is enrolling. Additional documentation may be required 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

Border State

A non-resident student who resides in the state of Oklahoma, Arkansas, Louisiana, and New Mexico will receive the in-state tuition rate.

Other States

A non-resident student who resides in the 44 contiguous states will pay the in-state tuition rate plus \$30 per credit hour.

Credit Card Payment

Tuition and fees may be charged to MasterCard, Visa, Discover, and/or American Express over the web, by mail with a check/money order, or in person with a check, cash or credit card. The student should follow these instructions to pay on the web:

Access the University website at www.tamut.edu

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

After the student logs in,

1. Select Touchnet Payment Gateway
2. Select make a payment.

Please contact the [Business Office](#) at (903) 223-3115 if assistance is needed with making a payment of tuition and fees with a credit card.

Tuition and Fees Installment Plan

Students attending A&M-Texarkana shall be allowed 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 shall be obligated to pay the full amount of all tuition, mandatory fees, and incidental fees specified in this installment plan agreement.
2. The installment payment plan option selected may not be changed after a student's fee schedule has been produced.
3. The first installment payment shall be due at the time of registration and shall be 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), a student who fails to make full payment of tuition and fees, including any incidental fees, by the due date may be prohibited from registering for classes until full payment is made. A student who fails to make payment prior to the end of the semester may be denied credit for work done that semester. The University shall notify a student of any delinquent tuition or fee payment as soon as practicable. University records may be adjusted to reflect the student's failure to have properly enrolled for that semester. Expenses incurred in collecting the amounts due under this agreement, including, but not limited to, collection fees, attorney fees, and court costs, will be the responsibility of the student. If the student fails to make payments as specified, the student will be held responsible for any and all collection costs in addition to the required payment.
6. A student seeking reinstatement to the University after withdrawing from the University without paying the full amount of tuition and fees, or having been dropped from the rolls of the University for failure to make installment payments when due, shall pay all past due installment payments and applicable late payment fees before reinstatement will be processed.

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 box "Click for Current Account Status"
 - d. Click on Tab "Enroll in a Payment Plan" and follow instructions
3. A student making an installment payment after the due date shall also pay a late payment fee; each installment payment must be received at the Business Office by the due date specified in the installment payment plan agreement.

A \$25.00 delinquent fee shall be added if payment is not received 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 email 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. Non-payment of any accounts will be entered on the student's record, and the Registrar's Office will be prohibited from registering the student for classes or providing an official A&M-Texarkana transcript until full payment is made.

Payment of Tuition and Fees

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

Statutory Tuition

Statutory tuition rates are set by the Texas Legislature. The rate for Texas residents is \$50 per SCH (minimum of \$120 per semester). The non-resident rate for the 2012-13 academic years is \$402 per SCH.

Designated Tuition

Designated tuition is a mandatory tuition (\$108.70 per SCH for 1-11 hours; \$1521.80 per SCH for 12-18 hours; \$108.70 per SCH, over 18 hours) for operations of the University, scholarship set-asides, and building upkeep and improvements.

Student Service Fee

This fee is a mandatory fee (\$16.67 per SCH maximum of \$250 per semester) distributed by the Campus Student Fee Committee for various campus services and organizations.

Student Center Complex Fee

The student center complex fee is a mandatory fee (\$3.00 per SCH; \$1.50 per summer semester) for operation and maintenance of student centers.

Technology Fee

The technology fee is a mandatory fee (\$10.00 per SCH) to provide, operate, maintain, and staff facilities and equipment that helps promote computer literacy among the entire student body.

Traffic Safety Fee

The traffic safety fee is a mandatory fee (\$3.00 per semester) to maintain and repair campus traffic controls.

Laboratory/Materials Fee

The laboratory/materials fee is up to \$30 per course are applicable to some courses for materials and lab usage.

Records Fee

The records fee is a mandatory fee (\$15.00 per semester, \$7.50 per summer session) to combine drop/add fees, transcript fee, graduation fee, and ID card fees and to support the offices providing these functions.

Fitness Center and Recreation Sport Fee

The fitness center and recreation sport fee is a mandatory fee (\$25.00 per semester, \$12.50 per summer session) to finance, construct, operate, maintain, and improve recreational sports facilities and programs.

International Education Fee

The international education fee is a mandatory fee (\$4.00 per semester) for international student exchanges and study abroad programs.

Library Fee

The library fee is a mandatory fee (\$5.00 per SCH) for the ongoing operational expenses of the University's Library.

Advising Fee

The advising fee is a mandatory fee (\$25.00 per semester) for advising activities of all students at the University.

Student Health Fee

The student health fee is a mandatory fee (\$30 per semester, \$15 per summer session) to provide for mental health services and health education.

Student Endowed Scholarship Fee

The student endowed scholarship fee is a mandatory fee (\$2 per SCH) to fund a student endowed scholarship fund.

Admissions Applications Fee

The admissions applications fee is a one time mandatory fee (\$30 per application) for application processing into the University.

Web/Distance Education Fee

The web/distance education fee is a \$30 per SCH fee will be charged to all web based courses, web enhanced courses, and face to face courses not taught in the Texarkana city limits or at Northeast Texas Community College (NTCC), and TTVN courses not taught/received in Texarkana or at NTCC.

College Enhancement Fee

The college enhancement fee replaces course fees. The funds collected from these fees (\$5 per SCH charged) are used for enhancing teaching and learning.

Parking Permits

All students attending A&M-Texarkana and parking a vehicle on campus are required to purchase a parking permit. Permits may be purchased 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 third parking sticker

Refunds of Fees

Refunds for drops or withdrawals are based on the total tuition being paid. 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:

- a. Prior to the first class day of the semester..... 100 percent
- b. During the first five (5) class days of the semester..... 80 percent

- c. During the second five (5) class days of the semester..... 70 percent
- d. During the third five (5) class days of the semester..... 50 percent
- e. During the fourth five (5) class days of the semester..... 25 percent
- f. 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:

- a. Prior to the first class day of the semester..... 100 percent
- b. During the first, second, or third class day of the semester..... 80 percent
- c. During the fourth, fifth, or sixth class day of the semester..... 50 percent
- d. 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. Refunds for courses dropped by a student who later withdraws are calculated according to the schedules above.

4. Refunds will be made 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, all fees for same will be refunded.

6. No refunds will be made on fees for audited courses.

Withdrawal refund for students paying in installments are calculated as follows:

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

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

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

50% means he/she will not receive a refund and do not owe any additional tuition
(50% paid less 50% owed = 0).

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

Library Fines

Students must have library fines paid before the student will be permitted to re-enroll in the University.

Student Insurance

Sickness and accident insurance is available to all A&M-Texarkana students and their dependents on a voluntary basis which offers students who may not have insurance an opportunity for coverage.

Additional information regarding the student insurance program may be obtained from the Office of Student Engagement and Success, Room UC126 or by clicking the link at <http://www.tamut.edu/current-students/Student%20Insurance/student-insurance.html>.

Textbooks and Supplies

It is the student's responsibility to provide his/her own textbooks and supplies. Eagle Central, the A&M-Texarkana bookstore, is the major source of these materials. Subject to availability, used textbooks are offered at a reduced price.

At the beginning of each fall and spring semester, the Student Government Association sponsors a consignment book sale in which students may exchange books or purchase books from each other.

Information about the book sale is distributed with pre-registration packets and flyers are posted throughout the building.

Financial Aid Refunds

All financial aid refund checks will be mailed 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 his/her financial aid as specified by the Federal formula. The student is only eligible to maintain the amount of financial aid he/she has earned at the time attendance ceases. The student will be required to repay both the Federal programs **and** A&M-Texarkana for institutional charges. A&M-Texarkana will use the Federal formula in determining the amount the student must repay. All financial aid students must contact the Office of Financial Aid & Veteran Services before withdrawing from classes in order to understand the adverse effects of his/her withdrawal.

Financial Aid Students Who Drop Classes

Financial aid awards are based 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 he/she was paid on or before the official census date, repayment for some or all of the financial aid may be required. If the student drops after the census date, make-up hours may be required.

Financial Aid Students and Non-Attendance

Students who are awarded financial aid that fail to attend any of his/her classes must repay **ALL** financial aid he/she 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 & 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 are encouraged to apply online at www.fafsa.ed.gov. Information from the previous year's Federal Income Tax return is required in order to complete the FAFSA. Other records possibly needed are: non-taxable income such as Veterans Administration benefits or government assistance benefits, current bank and mortgage information, possibly medical and dental bills, and business/farm information. Students must be prepared to provide documentation of all information used on the financial aid application. Academic progress and scholastic standing are taken into consideration when aid eligibility is assessed. Recipients are required to maintain the number of hours in which they are registered on the University's official census date (12th class day fall and spring; 4th class day summer). Prorated repayment of aid may be expected from students who withdraw or drop hours. Because financial aid is administered on a first-come, first-served basis, early application is important. Students may contact the Office of Financial Aid & Veteran Services (FAO), Room UC260 for additional information or email 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 FAO. Documentation from external agencies may be required in order to receive clearance.

Satisfactory Academic Progress

Regulations for federal and state financial assistance require post-secondary institutions to develop reasonable academic standards that measure a student's progress toward a degree or certificate for the receipt of aid. At A&M-Texarkana, the FAO is responsible for reviewing and maintaining Satisfactory Academic Progress (SAP) standards for recipients of financial aid. Students who fail to achieve the minimum standards may lose their eligibility for all types of federal, state, and university aid administered by the FAO.

There are three components to SAP. Students must be in compliance with all components in order to be eligible to receive financial aid.

1. Pace: Students must complete at least 67% of credit hours attempted as defined by A&M-Texarkana. This percentage includes all credit hours attempted (including transfer hours), regardless of whether or not financial aid was received. Grades of X, W, DP, S, U, DS, DU or NG, and repeated courses are not considered to be adequate grades for completion.

Examples:

If a student attempts/enrolls in a total of 30 credits during the fall and spring semesters, he/she must successfully complete at least 20 credits. ($30 \times 67\% = 20$)

If a student attempts/enrolls in 15 credits for one semester (fall or spring), he/she must successfully complete at least 10 credits. ($15 \times 67\% = 10$)

2. Grade Point Average (GPA) Requirement: Undergraduate students must maintain a minimum 2.0 cumulative GPA. Graduate students must maintain a minimum 3.0 cumulative GPA.

3. Maximum Timeframe: 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 required to obtain a degree, they will be considered to be ineligible for financial aid. The maximum timeframe for undergraduates is 180 credit hours. The maximum timeframe for graduates is 54 credit hours.

Students will have their academic progress evaluated at the end of each semester. Students will be notified on Web for Students and by the University's email if they fail to meet SAP.

Financial Aid Warning/Financial Aid Suspension

Students who fail to meet SAP will be placed in a financial warning status for the immediate semester. A student may receive financial aid while in Financial Aid Warning status. Students must meet SAP the subsequent semester. If the student does not meet SAP during the subsequent semester, the student will be placed on Financial Aid Suspension and will be ineligible to receive any financial aid until SAP is met. During this time, a student may submit an appeal for reconsideration of eligibility of financial aid. Students who are in warning status for maximum time frame will need to submit an academic plan and an explanation for when SAP will be met.

Appeal for Probationary Semester Progress

Students may fill out the appropriate appeal form with supporting documents for their

extenuating circumstance and submit it to the FAO. The appeal will be reviewed by the Satisfactory Academic Progress Appeal Committee (SAP Committee). If a student's appeal is approved by the SAP Committee, the student will be considered for federal aid and will be placed in a financial aid PROBATION status for one semester. At the end of that semester SAP will be reviewed again. The student may re-establish eligibility to be considered for federal aid for a

subsequent semester by meeting SAP standards. If the appeal is denied, the student will lose eligibility of financial aid until SAP is met again.

Financial Aid Students Who Drop Classes

For students awarded financial aid before the University's official census date, the student's award is based on his/her actual enrollment status on the University's official census date. Awards made after the census date will be based on the student's enrollment as of the award date. If the student ceases to be enrolled in the number of hours for which he/she was paid on or before the official census date, repayment for some or all of the financial aid may be required.

Attendance

Students awarded financial aid who fail to attend any of his/her classes must repay all financial aid received. If a student is awarded and disbursed financial aid funds, and the FAO is later informed that the student failed to attend one or more of their classes, the student must repay any overpayment of his/her financial aid due to non-attendance.

Withdrawal From All Classes

Students who receive financial aid and withdraw from A&M-Texarkana on or before the 60% point in the semester may be required to repay a portion of their financial aid award as specified by the Federal formula. The student is only eligible to maintain the amount of financial aid he/she has earned at the time attendance ceases. The student will be required to 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 in determining the amount to be repaid. All financial aid students must contact the FAO before withdrawing from classes in order to understand the adverse effects of withdrawal. The student's withdrawal date for determining the student's amount of refund owed to federal programs and/or the University for institutional charges will be based on the student's official withdrawal date or the last date of attendance as specified by the instructors.

Fee Payment

Financial aid will not appear on the student's account until the funds are credited to his/her account. After the funds have been disbursed, the Business Office will process any refund to the student within fourteen days from disbursement. The refund will be mailed to the student's address on file in the Admissions Office or direct deposited into the account information provided by the student in his/her Web for Students. **If financial aid funds have not been credited 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

Tuition and fee TPEG Emergency Loans application is available online and will be awarded to qualified students on a first come first serve 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 \$1,500.00
2. A \$10.00 loan origination fee is charged 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 they have finalized their schedule.
5. The student will be responsible for any additional tuition and fees incurred subsequent to the original loan application and approval. Failure to pay the remaining balance will result in the students' schedule being dropped due to non-payment of tuition and fee charges.
6. The student must be in good standing with the University.
7. The student cannot have academic or financial holds on their 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. Students will be awarded on a first come first serve basis.

Book Voucher

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

- Have accepted their financial aid on Web for Students. Students are encouraged 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 specified on the award letter.
- Not have any holds with A&M-Texarkana.
- 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/she may apply for the book voucher in the Business Office. If the student has been awarded financial aid but does not meet all of the above requirements, he/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. Additional information can be found at www.tamut.edu/fin-aid/index.html for a complete list of grants, loans, and scholarships that are available.

Veteran Services

The FAO at A&M-Texarkana assists United States military veterans and their eligible dependents with questions regarding educational benefits earned by 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 UC226 or by clicking the link www.tamut.edu/fin-aid/va.html or email veterans@tamut.edu.

SCHOLARSHIPS

Scholarship Programs

The Office of Financial Aid & Veteran Services (FAO) offers a wide variety of academically competitive scholarships based on merit. The scholarships are designed to encourage, support, and reward outstanding students. Additional information including applications and upcoming deadlines can be found at <http://tamut.edu/scholarships/index.html> or email scholarships@tamut.edu.

Annual/Renewal Awards

A *new incoming student's* University Admissions Application will also serve as a scholarship application for all Arnold scholarships available for new students which can be viewed by clicking the link, "[Arnold Scholarships for New Students](#)."

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/spring scholarships. This is one application in which a student can apply for **all** donor scholarships offered. These scholarship funds are competitive and very limited. If a student misses submitting the scholarship application by the March 1st deadline, the next opportunity to apply will be a year later. Scholarship funds are only offered if funding is available.

Current Students who have been 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 website 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 Education
- Applied Arts and Sciences (BAAS)
- Criminal Justice
- Education Administration
- English
- History
- Instructional Technology
- Interdisciplinary Studies
- Mass Communication
- Political Science
- Psychology
- Sociology
- Teacher Preparation/Certification (including Alternative Certification Program [ACP])

[College of Business \(COB\)](#) (click for more information)

COB's academic programs include the following:

- Business Administration
 - Accounting, Finance, Management, Management Information Systems or Marketing

[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 & Higher Education		MS		13.1201.00
Applied Arts & Sciences	BAAS			30.9999.40
Criminal Justice	BSCJ			43.0104.00
Curriculum & 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			30.9999.01
Licensed Professional Counseling		MS		42.0601.00
Mass Communication	BS			09.0102.00
Political Science	BS			45.1001.00
Psychology	BA/BS			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

A minimum of 45 upper division SCH is required for all undergraduate degrees.

Teacher Certification Preparation Programs

Only certifications available through traditional undergraduate degree programs are listed below. Certifications only available through the Alternative Certificate Program (ACP) are listed on the ACP site. Note: Passing appropriate Texas Examination of Educator Standards (TExES) is required for certification as a Texas educator.

Early Childhood--6th Grade (EC-6)

- Bilingual Generalist-Spanish
- Generalist

Early Childhood--12th Grade (EC-12)

- Special Education (combined with EC-6 Generalist)

4th Grade--8th Grade (4-8)

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

8th Grade--12th Grade (8-12)

- English, Language Arts, and Reading
- History
- Life Science
- Mathematics

- Composite Science
- Social Studies

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/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, students in the pre-professional studies programs are encouraged 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/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/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. The national standardized Medical College Admission Test (MCAT) is required by almost all medical schools. 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, it is essential to demonstrate a genuine familiarity and interest in the profession as confirmed through exposure to practice, research, or other areas of activity in veterinary medicine. 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; preparation at foreign universities, in most cases, must be supplemented by 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 there is no specific pre-law program at A&M-Texarkana, Political science is a law-related major. Students heading for law school have found that the political science program helps them prepare for law school. Recent graduates have been accepted to prestigious law schools.

A student is encouraged to major in whatever discipline he/she finds most interesting and take law-related political science courses. 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. 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 320 – Introduction to Constitutional Law
- PSCI 410 – American Political Theory
- PSCI 426 – Civil Rights & Civil Liberties
- PSCI 427 – Public Law Federal & State
- PSCI 490 – Political Science Internship (By becoming involved in an internship, a student can learn valuable life skills that will prepare him/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. Students in the club coordinate attorney-led LSAT preparation seminars, visit law schools, meet

new friends, and have fun. The Political Science Club also hosts public talks and round-table discussions by legal professionals and shows films related to the legal practice.

The LSAT

A student's LSAT score is an important part of his/her successful admission to law school. The LSAT is a standardized test administered by the Law School Admissions Council (LSAC). 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. A&M-Texarkana provides LSAT test preparation study sessions led by local attorneys who are involved in the Pre-Law Advisory Committee.

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/she will submit university transcripts and LSAT scores to the CAS. The student will request letters of recommendation from individuals who know his/her experience, skills, and character to be sent to LSAC or to the law schools to which he/she will apply, as specified by each institution. 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

- All students with fewer than 30 semester credit hours (SCH) will be advised by an advisor in the Success Center.
- Continuing and returning students who have not satisfied all portions of the Texas Success Initiative (TSI) will also be advised in the Success Center regardless of hours completed. Students who have not satisfied all portions of TSI will be provided with a developmental education plan with an academic advisor and will be required to meet with this advisor prior to registration each semester until the developmental education plan has been successfully completed and sections of TSI have been satisfied.
- All new undergraduate degree-seeking students will be directed 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 course work (transcript) will facilitate the advising process. In consideration of previous course work, classes will be recommended for the first semester at A&M-Texarkana. These classes and degree plan instructions will be indicated on the Degree Declaration which is submitted to the Registrar's Office during registration. Students who are undecided about the choice of major will be referred to the Career Counselor for further assistance.
- Continuing and returning students are encouraged 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.
- Non-degree seeking students are not required to have an advisor; however, students should be aware that courses taken 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 are encouraged to have all official transcripts submitted to the Admissions Office as soon as possible in order to expedite the degree planning process. When all official transcripts are received, a transcript evaluation is prepared indicating the equivalency of transferred course work. The Registrar's Office staff then review the evaluation in terms of the student's chosen degree program. The official degree evaluation is finalized, and the student is notified how to access and interpret the evaluation as soon as possible during the student's first semester of enrollment.

Any subsequent changes or substitutions to the degree plan must be approved and on filed in the Registrar's Office prior to enrollment in the substituted course. It may be necessary for the student to obtain written approval for specific changes from their advisor or dean.

Tentative degree plan worksheets for each undergraduate degree program offered by the University can be viewed and printed from the University website. Adobe Acrobat Reader is needed to view the worksheets. These worksheets are intended to be used for informational purposes only by prospective and new students entering the University.

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 they have been cleared by the Admissions Office).

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/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 on whether the University still offers programs and courses listed in the older catalog.

Only with special approval may a student be allowed to graduate under the requirements of a catalog issued over five years prior to the student's date of graduation. This permission is granted 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 all requirements are met and provided the student completes all degree and certification requirements within a five-year period.

Note: Any person who has complete a first degree and re-enters to seek a second baccalaureate degree must choose the catalog in effect that the time of entry to seek the second degree or any subsequent catalog. The student may not select a program which was 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, a minimum of 30 SCH is required in addition to those earned towards previous degrees. General and specific requirements for each degree must be met based on the catalog in effect at the time of re-enrollment as a degree-seeking student including the 25% residency requirement for each degree awarded by A&M-Texarkana. Honors designations are calculated for students pursuing a second bachelor's degree.

Applying for Graduation

Degree candidates must officially apply for graduation in the Admissions Office one term in advance of the term in which they plan to graduate. Applications must be filed no later than the date specified in the Schedule of Classes. If the student does not graduate in the term for which he/she applies, he/she must apply again for graduation.

Undergraduate Graduation Requirements

The following checklist is used by University staff to determine eligibility for graduation. Completion of specific degree program requirements as listed on official degree plans, to include the following:

1. Minimum of 120 SCH
2. Minimum of 45 SCH in upper division course work (see individual degree plan)
3. Minimum of 25% of course work from A&M-Texarkana (see Non-traditional Credit). Note: For Honors Graduate designation, a total of 45 SCH resident credits is required.
4. Minimum GPA of 2.00 or above in all course work, in all courses applied to the major, and in all course work taken at A&M-Texarkana. Some programs require an overall and/or designated-specific GPA that is higher than 2.0.
5. Official degree plan requirements may not be over five years old. A student is placed 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, they must be updated to the requirements in effect at the time of the update.
6. No more than 6 SCH of Independent Study format courses may be applied towards degree requirements for graduation.
7. All "X" grades must be completed prior to graduation.
8. All undergraduate course work taken prior to graduation will be calculated in the final GPA.
9. Complete the Application for Graduation by the date published in the Schedule of Classes. (Must file for graduation no later than the census date [fall/spring = 12th class day; summer = 4th class day] of the semester in which graduation is intended.)
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. Final grades from all courses taken at another university must be recorded on a student's A&M-Texarkana transcript prior to the last semester of enrollment before graduation.

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

Commencement

Participation in the commencement ceremony is restricted to those students who have completed all graduation requirements as indicated above. Commencement ceremonies are held in May and December. Students completing degree requirements may participate in the December commencement ceremony. Details about the ceremonies are provided 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 required for their chosen degree program in residence. "In residence" refers to courses completed through A&M-Texarkana regardless of delivery method such as web-based and distance education courses. Courses completed through another school, including other Texas A&M University System campuses, will not be considered in residence. Additionally, non-traditional credit such as CLEP, AP, and experiential learning courses will not be considered 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. Upper division courses are identified in the University course inventory with a course number that begins with a 3 or 4. If a student's degree program does not incorporate enough upper division hours to meet this minimum, the student will be required to complete upper division electives until the minimum is met.

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 approved core curriculum for 2012-13 for A&M-Texarkana consists of the following courses:

Communication

Engl 1301 Composition I

Engl 1302 Composition II

Social & Behavioral Sciences (Political Science)

Visual and Performing Arts (3 SCH) from:

Arts 1301 Art Appreciation

Dram 1310 Introduction to Theater

Musi 1306 Music Appreciation

Govt 2301 American Government I
Govt 2302 American Government II
Social & Behavioral Sciences (History)
Hist 1301 U.S. History I
Hist 1302 U.S. History II

Natural Sciences (6 SCH) from:
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
Phys 1301 College Physics I
Phys 1302 College Physics II
Phys 2325 University Physics I
Phys 2326 University Physics II

Mathematics (3 SCH) from:
Math 1314 College Algebra
Math 1324 Math for Business & Social Sciences I
Math 2413 Calculus I (or higher)

Social & Behavioral Sciences (3 SCH) from:
Econ 2301 Prin of Macroeconomics
Geog 1303 World Regional Geography
Psyc 2301 General Psychology
Psyc 2308 Child Psychology
Soci 1301 Introductory Sociology
Soci 2319 Minority Studies I

Humanities (3 SCH) from:
Engl 2332 World Literature I
Engl 2333 World Literature II
Engl 2341 Forms of Literature
Hist 2321 World Civilization I
Hist 2322 World Civilization II
Span 1311 Beginning Spanish I
Span 1312 Beginning Spanish II

Institutionally Designated Option (6 SCH) from:
Engl 2332 World Literature I
Engl 2333 World Literature II
Engl 2341 Forms of Literature
Span 1311 Beginning Spanish I
Span 1312 Beginning Spanish II
Spch 1315 Public Speaking

Core Complete Status for Undergraduate Students

Students who complete the approved core curriculum at any Texas public institution of higher education prior to enrollment at A&M-Texarkana shall be accepted as core complete.

The requirements to meet this status are as follows:

1. "Core Complete" must be indicated on the official transcript on file within the student's initial semester of enrollment 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 1 st
Spring	March 1 st
Summer I	June 1 st
Summer II	July 1 st

2. Core complete status cannot be accepted from schools outside of Texas. Although other states may have an approved statewide core curriculum, core complete status in Texas cannot be granted based on core status from an out-of-state institution.

3. Core complete status cannot be accepted from private institutions of higher education in the state of Texas. This rule only applies to students who are indicated to be core complete from Texas public institutions of higher education.

4. Having an Associate's degree does not confirm a core complete status. It is possible for a student to 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.

Students who are legitimately core complete at the required time indicated above will not be required to complete ANY additional core curriculum requirements at A&M-Texarkana. Students who are not core complete will be required to complete all approved core for A&M-Texarkana. Once they have completed the required A&M-Texarkana core, they will be indicated as core complete on any official transcript produced by the University and that status will transfer to any other public institution of higher education in Texas.

Core Curriculum Substitutions

After a student has enrolled at A&M-Texarkana, core curriculum substitutions are not allowable.

History and Government Substitutions

All state supported higher education institutions are required by state statute to include 6 SCH of U.S. History and 6 SCH of U.S. and Texas Government in the undergraduate curriculum. However, 3 SCH of Texas History may be substituted for 3 SCH of U.S. History requirement. Other substitutions for these requirements are not allowed per state 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. Not all bachelor's degrees may be completed as a BA. See the degree program listing for the programs that allow the BA option.

Guidelines for Undergraduate Double Majors

A double major is defined 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 double major will be allowed in lieu of a minor.
5. A student must submit formal application to the Registrar's Office to request a double major with the appropriate form. The process must be completed 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 will be assigned a faculty advisor for both majors.

7. For the Undergraduate Tuition Rebate eligibility and the Undergraduate Funding Limit Rule, the major with the highest total hours required will be used. All hours which exceed the limit under the Undergraduate Funding Limit Rule will be charged the additional tuition of rate.

Undergraduate Degree Plan Worksheets

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

<http://www.tamut.edu/academicserv/degreeplanning.html>

Information about the degree program requirements for each college for 2012-13 can be found by viewing the individual degree program worksheet grouped by college below:

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF BUSINESS
BACHELOR OF BUSINESS ADMINISTRATION (BBA)
MAJOR: ACCOUNTING

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	BUSINESS ADMINISTRATION CORE COURSES	HOURS EARNED	REQD
English			Acct 325 Managerial Accounting		
Engl 1301 Composition I			Fin 354 Financial Management		
Engl 1302 Composition II			GBus 440 International Business		
Government			GBus 450 Business Ethics		
Govt 2301 Amer Govt I: Fed & TX Constitution			Math 2342 Elementary Statistical Methods		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Mgt 395 Principles of Management		
History			Mgt 439 Business Policy		
Hist 1301 U.S. History I			Mgt 465 Production & Ops Mgt		
Hist 1302 U.S. History II			MIS 360 Management Info Systems		
Natural Science (6 SCH) from:			Mkt 363 Marketing		
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					
Phys 1301 College Physics I					
Phys 1302 College Physics II					
Phys 2325 University Physics I					
Phys 2326 University Physics II					
Mathematics					
Math 1324 Math for Business & Social Sciences					
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science					
Econ 2301 Prin of Macroeconomics					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			MAJOR: ACCOUNTING		
			Acct 321 Intermediate Accounting I		
			Acct 322 Intermediate Accounting II		
			Acct 323 Intermediate Accounting III		
			Acct 324 Income Tax Accounting		
			Acct 421 Governmental Accounting		
			Acct 422 Advanced Accounting		
			Acct 424 Income Tax for Partnerships & Corps		
			Acct 425 Cost Accounting		
			Acct 427 Auditing		
			Acct 429 Accounting Systems		
			OTHER REQUIREMENTS		
			Acct 2301 Principles of Acct I		
			Acct 2302 Principles of Acct II		
			Bcis 1305 Business Computer Apps		
			Busi 2301 Business Law		
			Econ 2302 Prin of Microeconomics		
			Math 1325 Business Calculus		
			TOTAL HOURS FOR DEGREE: 120		

Note: Resident credit totaling 25% of the hours required for the degree.

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

Contact: Dr. Larry Davis, COB Dean, (903) 223-3106, larry.davis@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF BUSINESS
BACHELOR OF BUSINESS ADMINISTRATION (BBA)
MAJOR: BUSINESS ADMINISTRATION

FINANCE

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	BUSINESS ADMINISTRATION CORE COURSES	HOURS EARNED	REQD
English			Acct 325 Managerial Accounting		
Engl 1301 Composition I			Fin 325 Money, Banking and Fin Markets		
Engl 1302 Composition II			Fin 354 Financial Management		
Government			GBus 440 International Business		
Govt 2301 Amer Govt I: Fed & TX Constitution			GBus 450 Business Ethics		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Math 2342 Elementary Statistical Methods		
History			Mgt 321 Organizational Behavior		
Hist 1301 U.S. History I			Mgt 366 Topics in Org Leadership		
Hist 1302 U.S. History II			Mgt 395 Principles of Management		
Natural Science (6 SCH) from:			Mgt 439 Business Policy		
Biol 1306 Biology for Science Majors I			Mgt 446 Entrepreneurship		
Biol 1307 Biology for Science Majors II			Mgt 465 Production & Ops Mgt		
Biol 1308 Biology for Non-Science Majors I			MIS 360 Management Info Systems		
Biol 1309 Biology for Non-Science Majors II			Mkt 363 Marketing		
Chem 1311 General Chemistry I					
Chem 1312 General Chemistry II					
Phys 1301 College Physics I					
Phys 1302 College Physics II					
Phys 2325 University Physics I					
Phys 2326 University Physics II					
Mathematics					
Math 1324 Math for Business & Social Sciences					
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science					
Econ 2301 Prin of Macroeconomics					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			CONCENTRATION: FINANCE		
			Acct 425 Cost Accounting		
			Fin 464 Principles of Investments		
			Fin 470 International Finance		
			Fin 474 Intermediate Financial Management		
			Fin 484 Financial Institutions Management		
			3 SCH Upper Division Business Elective		
			OTHER REQUIREMENTS		
			Acct 2301 Principles of Acct I		
			Acct 2302 Principles of Acct II		
			Bcis 1305 Business Computer Apps		
			Busi 2301 Business Law		
			Econ 2302 Prin of Microeconomics		
			Math 1325 Business Calculus		
			TOTAL HOURS FOR DEGREE: 120		
Note: Resident credit totaling 25% of the hours required for the degree.					

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

Contact: Dr. Larry Davis, COB Dean, (903) 223-3106, larry.davis@tamut.edu

BUSINESS MINOR REQUIREMENTS (18 SCH)

Accounting Minor

Acct	2301	Principles of Accounting I
Acct	2302	Principles of Accounting II
Acct	321	Intermediate Accounting I
Acct	322	Intermediate Accounting II
6	SCH	Upper Division Accounting Electives

Finance

Econ	2301	Principles of Macroeconomics
Econ	2302	Principles of Microeconomics
Fin	325	Money, Banking & Financial Markets
Fin	354	Financial Management
Fin	464	Principles of Investments
3 SCH from:		
Fin	470	International Finance
Fin	474	Intermediate Financial Management

Human Resource Management

Mgt	395	Principles of Management
Mgt	495	Human Resource Management
Mgt	326	Labor Relations
Mgt	438	Compensation Management
6	SCH	Electives from Management or General Business

International Business

Mgt	395	Principles of Management
GBus	420	Managing Cultural Differences
GBus	440	International Business
Mkt	416	International Marketing
Geog	413	Cultural Geography
3 SCH from:		
Hist	352	Europe, 1920-present
Hist	460	Cultural History of Texas

Management

Mgt	321	Organizational Behavior
Mgt	366	Topics in Organizational Leadership
Mgt	395	Principles of Management
Mgt	495	Human Resource Management
GBus	456	Social, Political & Legal Environment
MIS	308	Project Management

Management Information Systems

MIS	305	Electronic Commerce
MIS	308	Project Management
MIS	360	Essentials of Management Information Systems
Mgt	321	Organizational Behavior
Mgt	395	Principles of Management
3 SCH from:		
MIS	362	Systems Analysis & Design
MIS	366	Fundamentals of Database Design

Marketing

Mkt	363	Marketing
Mkt	366	Marketing Promotion
Mkt	436	Marketing Research
Mkt	465	Sales Management
Mkt	467	Consumer Behavior
MIS	305	Electronic Commerce

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
BACHELOR OF SCIENCE (BS)
MAJOR: BIOLOGY

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: BIOLOGY	HOURS EARNED	REQD
English			Biol 1306 Biology for Science Majors I AND		
Engl 1301 Composition I			Biol 1106 Biology for Science Majors I Lab (1 SCH)		
Engl 1302 Composition II			Biol 1307 Biology for Science Majors II AND		
Government			Biol 1107 Biology for Science Majors II Lab (1 SCH)		
Govt 2301 Amer Govt I: Fed & TX Constitution			OR		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Biol 1411 General Botany (4 SCH) AND		
History			1413 General Zoology (4 SCH)		
Hist 1301 U.S. History I					
Hist 1302 U.S. History II					
Natural Science					
Phys 1301 College Physics I AND			Biol 466 Evolutionary Biology		
Phys 1101 College Physics I Lab (1 SCH)			Biol 481 Seminar in Biology		
Phys 1302 College Physics II AND			<i>(To be taken in last semester)</i>		
Phys 1102 College Physics II Lab (1 SCH)					
OR			30 SCH Upper Division Approved Biology Electives		
Phys 2325 University Physics I AND					
Phys 2125 University Physics I Lab (1 SCH)					
Phys 2326 University Physics II AND					
Phys 2126 University Physics II Lab (1 SCH)					
Mathematics					
Math 2413 Calculus I (4 SCH)			MINOR:		
Fine Arts (3 SCH) from:			Minimum of 18 SCH from minors listed in catalog		
Arts 1301 Art Appreciation			Lower Division/Upper Division SCH depends on minor chosen		
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:					
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2301 General Psychology					
Psyc 2308 Child Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:			OTHER REQUIREMENTS		
Engl 2332 World Literature I			Chem 1311 General Chemistry I AND		
Engl 2333 World Literature II			Chem 1111 General Chemistry I Lab (1 SCH)		
Engl 2341 Forms of Literature			Chem 1312 General Chemistry II AND		
Hist 2321 World Civilization I			Chem 1112 General Chemistry II Lab (1 SCH)		
Hist 2322 World Civilization II			Chem 2423 Organic Chemistry I (4 SCH)		
Span 1311 Beginning Spanish I			Chem 2425 Organic Chemistry II (4 SCH)		
Span 1312 Beginning Spanish II					
Other (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 120		
NOTE: Minimum of 45 UD hours and residency credit totaling 25% of the minimum hours is required for the degree.					

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Contact: Dr. Arthur Linkins, CSTEM Dean, (903) 334-6650, arthur.linkins@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
BACHELOR OF SCIENCE (BS)
MAJOR: COMPUTER SCIENCE

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: COMPUTER SCIENCE	HOURS EARNED	REQD
English					
Engl 1301 Composition I			CS 310 Analysis of Algorithms		
Engl 1302 Composition II			CS 320 Digital Logic		
Government			CS 340 Computer Architecture		
Govt 2301 Amer Govt: Fed & TX Constitution			CS 352 Java Programming		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			CS 353 Adv Object-Oriented Programming		
History			CS 360 Artificial Intelligence		
Hist 1301 U.S. History I			CS 361 Database Design and Applications		
Hist 1302 U.S. History II			CS 367 Software Engineering		
Natural Science			CS 370 Programming Lang Design		
Phys 2325 University Physics I AND			CS 390 Ethics in Technology		
Phys 2125 University Physics Lab I (1 SCH)			CS 410 Operating Systems		
Phys 2326 University Physics II AND			CS 420 Computer Networks		
Phys 2126 University Physics II Lab (1 SCH)			CS 485 Capstone in CS (4 SCH)		
Mathematics			Math 2414 Calculus II (4 SCH)		
Math 2413 Calculus I (4 SCH)			Math 415 Numerical Analysis		
Fine Arts (3SCH) from:			15 SCH Electives from the following:		
Arts 1301 Art Appreciation			CS 362 Engineering Robotics		
Dram 1310 Introduction to Theater			CS 363 Neural Networks and Machine Learning		
Musi 1306 Music Appreciation			CS 380 Automata Theory		
Social Science (3 SCH) from:			CS 435 Mobile & Wireless Networks		
Econ 2301 Prin of Macroeconomics			CS 465 Computer Security		
Geog 1303 World Regional Geography			CS 466 Computer Game Design & Prog		
Psyc 2301 General Psychology			CS 467 Image Processing & Computer Vision		
Psyc 2308 Child Psychology			CS 497 Special Topics		
Soci 1301 Introductory Sociology			EE 317 Information Theory		
Soci 2319 Minority Studies I			Up to 6 SCH of Lower Division		
Humanities (3 SCH) from:			COSC course work on transfer		
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			OTHER REQUIREMENTS		
			COSC 1315 Introduction to Computer Science		
			Math 2305 Discrete Mathematics		
			COSC 2318 Engineering Mathematics		
			CS 305 Data Structures		
			CS 332 C++ Programming (4 SCH)		
			Total Hours for Degree: 120		
Note: Resident credit totaling 25% of the hours is required for the degree.					

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
BACHELOR OF SCIENCE (BS)
MAJOR: ELECTRICAL ENGINEERING

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQ	MAJOR: ELECTRICAL ENGINEERING	HOURS EARNED	REQ
English			Math 2305 Discrete Mathematics		
Engl 1301 Composition I			Math 2414 Calculus II (4 SCH)		
Engl 1302 Composition II			Math 2415 Calculus III (4 SCH)		
Government			Math 315 Differential Equations		
Govt 2301 Amer Govt: Fed & TX Constitution			Math 335 Linear Algebra		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Math 457 Probability & Statistics		
History			Engr 2305 Electronics Circuits I		
Hist 1301 U.S. History I			EE 319 Intro. to Circuits		
Hist 1302 U.S. History II			EE 320 Circuit Laboratory (1 SCH)		
Natural Science			EE 321 Digital Logic		
Phys 2325 University Physics I AND			EE 322 Digital Logic Lab (1 SCH)		
Phys 2125 University Physics I Lab (1 SCH)			EE 325 Signals & Systems I		
Phys 2326 University Physics II AND			EE 326 Signals & Systems I Lab (1 SCH)		
Phys 2126 University Physics II Lab (1 SCH)			EE 332 C++ Programming (4 SCH)		
Mathematics (See Major)			EE 335 Electronics		
Math 2413 Calculus I (4 SCH)			EE 336 Electronics Lab (1 SCH)		
Fine Arts (3 SCH) from:			EE 340 Computer Architecture		
Arts 1301 Art Appreciation			EE 345 Intro. to Electromagnetic Theory		
Dram 1310 Introduction to Theater			EE 390 Ethics in Technology		
Musi 1306 Music Appreciation			EE 470 Digital Design Using VHDL		
Social Science (3 SCH) from:			EE 475 Capstone Project (4 SCH)		
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography			18 SCH from:		
Psyc 2301 General Psychology			CS 363 Neural Networks & Machine Learning		
Psyc 2308 Child Psychology			CS 367 Software Engineering		
Soci 1301 Introductory Sociology			CS 420 Computer Networks		
Soci 2319 Minority Studies I			CS 465 Computer Security		
Humanities (3 SCH) from:			CS 467 Image Proc and Computer Vision		
Engl 2332 World Literature I			EE 310 Algorithm Analysis		
Engl 2333 World Literature II			EE 317 Information Theory		
Engl 2341 Forms of Literature			**EE 342 Microprocessor Lab		
Hist 2321 World Civilization I			**EE 346 Embedded System Design		
Hist 2322 World Civilization II			EE 425 Signals & Systems II		
Span 1311 Beginning Spanish I			**EE 427 Mixed Signal Design		
Span 1312 Beginning Spanish II			EE 429 Basic Communication Theory		
Other (3 SCH) from:			**EE 431 Intro. to Nanotechnology		
Engl 2332 World Literature I			**EE 451 Reconfigurable System Design		
Engl 2333 World Literature II			EE 455 Digital Circuit Testing & Testability		
Engl 2341 Forms of Literature			EE 465 VLSI Design		
Span 1311 Beginning Spanish I			**EE 467 Intro. to Robotics		
Span 1312 Beginning Spanish II			EE 469 Wireless Communications		
Spch 1315 Public Speaking I			EE 473 Power Systems		
OTHER REQUIREMENTS			EE 497 Special Topics		
Chem 1307 General Chemistry for Engineering Students AND					
Chem 1107 General Chemistry for Engineering Students Lab (1 SCH)			**Courses pending approval.		
COSC 1315 Introduction to Computer Science					
			TOTAL HOURS FOR DEGREE: 126		

Note: Resident credit totaling 25% of the hours is required for the degree.

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
BACHELOR OF SCIENCE (BS)
MAJOR: MATHEMATICS

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: MATHEMATICS	HOURS EARNED	REQD
English			Math 2414 Calculus II (4 SCH)		
Engl 1301 Composition I			Math 2415 Calculus III (4 SCH)		
Engl 1302 Composition II					
Government			Math 2305 Discrete Mathematics		
Govt 2301 Amer Govt: Fed & TX Constitution			Math 2342 Elementary Statistical Methods		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Math 315 Differential Equations		
History			Math 321 College Geometry		
Hist 1301 U.S. History I			Math 334 Intro Abstract Algebra		
Hist 1302 U.S. History II			Math 335 Linear Algebra		
Natural Science (6 SCH) from:			Math 430 Math Modeling		
Biol 1306 Biology for Science Majors I			Math 437 Number Theory		
Biol 1307 Biology for Science Majors II			Math 457 Probability & Statistics		
Biol 1308 Biology for Non-Science Majors I			Math 493 Capstone in Mathematics		
Biol 1309 Biology for Non-Science Majors II					
Chem 1311 General Chemistry I					
Chem 1312 General Chemistry II					
Phys 2325 University Physics I					
Phys 2326 University Physics II					
Mathematics (See Major)					
Math 2413 Calculus I (4 SCH)					
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:					
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2301 General Psychology					
Psyc 2308 Child Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 120		

Note: Resident credit totaling 25% of the hours is required for the degree.

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
BACHELOR OF SCIENCE (BS)
MAJOR: NURSING

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: NURSING	HOURS EARNED	REQD
English			30 SCH Transfer Nursing courses by validation/articulation (counts as Upper Division credit)		
Engl 1301 Composition I					
Engl 1302 Composition II					
Government					
Govt 2301 Amer Govt: Fed & TX Constitution			Nurs 301 Prof Nursing Practice		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Nurs 302 Health Assessment Across Life Span		
History			Nurs 303 Leadership & Mgt in Nursing (4 SCH)		
Hist 1301 U.S. History I			Nurs 404 Intro to Research for Nursing		
Hist 1302 U.S. History II			Nurs 305 Prof Nursing Practice w ith Individuals & Families (4 SCH)		
Natural Science			Nurs 406 Community Health Nurs Prac (5 SCH)		
Biol 1306 Biology for Science Majors I AND			Nurs 407 Quality Issues/Responsibilities (2 SCH)		
Biol 1106 Biology for Science Majors I Lab (1 SCH)			Nurs 317 Pathophysiology for Nurses		
Chem 1311 General Chemistry I AND			3 SCH from: Nurs 489, 497; Hsci 345, 346, 347		
Chem 1111 General chemistry I Lab (1 SCH)					
Mathematics (3 SCH) from:			SUPPORT COURSES		
Math 1314 College Algebra			Psyc 2314 Lifespan Growth & Development		
Math 1324 Math for Bus & Soc Scie I			Biol 2401 Anatomy & Physiology I (4 SCH)		
Math 2413 Calculus I			Biol 2402 Anatomy & Physiology II (4 SCH)		
Social Science			** Biol 2421 Microbiology for Science Majors (4 SCH)		
Psyc 2301 General Psychology					
Fine Arts (3 SCH) from:			OTHER REQUIREMENT		
Arts 1301 Art Appreciation			Math 2342 Elementary Statistical Methods		
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Humanities (3 SCH) from:			**Course pending approval		
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 122		
Note: Resident credit totaling 25% of the hours is required for the degree.					

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SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS MINORS

Biology (20 SCH)

BIOL	1306	Biology for Science Majors I
BIOL	1106	Biology for Science Majors I Lab (1 SCH)
BIOL	1307	Biology for Science Majors II
BIOL	1107	Biology for Science Majors II Lab (1 SCH)
12	SCH	Upper Division Biology Electives

Chemistry (19 SCH)

CHEM	1311	General Chemistry I
CHEM	1111	General Chemistry I Lab (1 SCH)
CHEM	1312	General Chemistry II
CHEM	1112	General Chemistry II Lab (1SCH)
CHEM	2423	Organic Chemistry I (4 SCH)
CHEM	2425	Organic Chemistry II (4 SCH)
CHEM	405	Environmental Chemistry
OR CHEM	410	Biochemistry I

Computer Science (18 SCH)

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 (21 SCH)

MATH	2413	Calculus I (4 SCH)
MATH	2414	Calculus II (4 SCH)
MATH	2415	Calculus III (4 SCH)
9	SCH	Upper Division Mathematics Electives (Excluding MATH 340 and 426)

**Bachelor of Applied Arts & Sciences (BAAS)
Professional Development Complements**

Name: _____ **Complement:** _____

Behavioral Sciences Complement

A minimum of 18 SCH Upper Division from the following academic disciplines:

Criminal Justice

Psychology

Sociology

Computer Technology Complement

A minimum of 18 SCH Upper Division 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

MIS 360 Essentials of Management Information

Development

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 18 SCH Upper Division from Criminal Justice

Instructional Technology Complement

A minimum of 18 SCH Upper Division from Instructional Technology

Liberal Arts Complement

A minimum of 18 SCH upper-division from the following academic disciplines:

Education*

Math

English

Political Science

History

Reading*

Journalism

Science

Mass Communications

Spanish

*Up to 12 SCH of Education courses as approved by the BAAS Coordinator

Organizational Leadership Complement

LEAD 310 Leadership Theory & Practice

LEAD 420 Community Leadership

LEAD 414 Organizational Training & Development

PSY 404 Industrial Psychology or Mgt 321 Organizational Behavior

LEAD 415 Organizational Development & Change

3sh upper division Business or upper division PSCI (Public/Civic Leadership) Elective

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: CRIMINAL JUSTICE**

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: CRIMINAL JUSTICE*	HOURS EARNED	REQD
English			CJ 400 Internship in Criminal Justice		
Engl 1301 Composition I			CJ 430 Rights of Accused & Convicted Offenders		
Engl 1302 Composition II			CJ 454 Research Techniques in Crim Justice		
Government			CJ 480 Criminological Theories		
Govt 2301 Amer Govt I: Fed & TX Constitution			CJ 485 Seminar in Criminal Justice		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior					
History			15 SCH Upper Division Criminal Justice Electives		
Hist 1301 U.S. History I					
Hist 1302 U.S. History II					
Natural Science (6 SCH) from:					
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					
Phys 1301 College Physics I					
Phys 1302 College Physics II					
Phys 2325 University Physics I					
Phys 2326 University Physics II					
Math (3 SCH) from:					
Math 1314 College Algebra					
Math 1324 Math for Business & Social Sciences					
Math 2413 Calculus I					
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:					
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2308 Child Psychology					
Psyc 2301 General Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			*A maximum of 21 SCH Criminal Justice transfer curriculum will be used to meet degree requirements.		
			Other Requirements		
			Eng 340 Advanced Expository Writing		
			ITED 350 Tech for Instruction, Learning, & Communication		
			9 SCH Upper Division Electives		
			33 SCH Upper Division or Lower Division Electives		
			TOTAL HOURS FOR DEGREE: 120		

Note: This degree requires a minimum of 54 UD hours. 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. Glenda Ballard, CELA Dean, (903) 223-3073, glenda.ballard@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: ENGLISH

NAME:

CWID:

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: ENGLISH	HOURS EARNED	REQD
English (See Major)			Engl 1301 Composition I		
Government			Engl 1302 Composition II		
Govt 2301 Amer Govt I: Fed & TX Constitution			Engl 2332 World Literature I		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Engl 2333 World Literature II		
History			Engl 2360 Intro to Lit Studies		
Hist 1301 U.S. History I			Eng 312 Shakespeare		
Hist 1302 U.S. History II			Eng 320 Understanding Grammar		
Natural Science (6 SCH) from:			Eng 340 Advanced Expository Writing		
Biol 1306 Biology for Science Majors I			Eng 424 Hist & Grammar of Eng Lang		
Biol 1307 Biology for Science Majors II			Eng 441 Survey of American Lit to 1865		
Biol 1308 Biology for Non-Science Majors I			Eng 442 Survey of American Lit after 1865		
Biol 1309 Biology for Non-Science Majors II			Eng 471 Adv Survey of British Lit to 1800		
Chem 1311 General Chemistry I			Eng 472 Adv Survey of British Lit after 1800		
Chem 1312 General Chemistry II			Eng 491 Capstone in English Studies (1 SCH)		
Phys 1301 College Physics I					
Phys 1302 College Physics II			9 SCH FROM:		
Phys 2325 University Physics I			Eng 305 Children's Lit I OR		
Phys 2326 University Physics II			Eng 306 Children's Lit II		
Math (3 SCH) from:			Eng 430 Images of Women in Lit.		
Math 1314 College Algebra			Eng 450 Studies in Genre		
Math 1324 Math for Business & Social Sciences			Eng 489 Independent Study		
Math 2413 Calculus I			Eng 497 Special Topics		
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:					
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2308 Child Psychology					
Psyc 2301 General Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (See Major for Engl 2332)					
Other (3 SCH) from:					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
(See Major for Engl 2333)					
			MINOR:		
			Minimum of 18 SCH from minors listed in catalog		
			OTHER REQUIREMENTS		
			6 SCH Upper Division Electives from: Biology,		
			History, Math, Political Science,		
			Psychology, Sociology		
			ELECTIVES(As needed to meet min. degree requirements.)		
			TOTAL HOURS FOR DEGREE: 120		

Note: Resident credit totaling 25% of the hours required for the degree.

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**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: HISTORY**

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: HISTORY	HOURS EARNED	REQD
English			Hist 1301 U.S. History I		
Engl 1301 Composition I			Hist 1302 U.S. History II		
Engl 1302 Composition II			Hist 2321 World Civilizations I		
Government			Hist 2322 World Civilizations II		
Govt 2301 Amer Govt I: Fed & TX Constitution			Hist 419 American Social & Intellectual Hist		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			6 SCH Upper Division United States History from:		
History (See Major)			Hist 328 Colonial & Revolutionary America		
Natural Science (6 SCH) from:			Hist 428 US in the 20th Century		
Biol 1306 Biology for Science Majors I			Hist 434 Civil War & Reconstruction		
Biol 1307 Biology for Science Majors II			Hist 460 Cultural History of Texas		
Biol 1308 Biology for Non-Science Majors I			6 SCH Upper Division European History from:		
Biol 1309 Biology for Non-Science Majors II			Hist 310 Ancient World		
Chem 1311 General Chemistry I			Hist 312 Medieval Civilization		
Chem 1312 General Chemistry II			Hist 314 Renaissance & Reformation		
Phys 1301 College Physics I			Hist 330 History of Nazi Germany		
Phys 1302 College Physics II			Hist 345 World of King Arthur & Robinhood		
Phys 2325 University Physics I			Hist 352 Europe, 1920-Present		
Phys 2326 University Physics II			Hist 462 Modern German History		
Math (3 SCH) from:			6 SCH Upper Division World History from:		
Math 1314 College Algebra			Hist 450 Latin America: Colonial Era		
Math 1324 Math for Business & Social Sciences			Hist 451 Modern Latin America		
Math 2413 Calculus I			Hist 454 Culture & History of Mexico		
Fine Arts (3 SCH) from:			Hist 470 20th Century Asia		
Arts 1301 Art Appreciation			6 SCH Upper Division History Electives		
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:			MINOR (Minimum 18 SCH)		
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2308 Child Psychology					
Psyc 2301 General Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:			OTHER REQUIREMENTS		
Engl 2332 World Literature I			6 SCH Upper Division Electives from: Biology, English,		
Engl 2333 World Literature II			History, Math, Political Science, Sociology		
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I			ELECTIVES (As needed to meet minimum degree reqs.)		
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 120		

Note: This degree requires a minimum of 54 Upper Division SCH. Resident credit totaling 25% of the minimum hours is required for the degree.

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**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: MASS COMMUNICATION**

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	MAJOR: MASS COMMUNICATION	HOURS EARNED	REQD
English			Comm 1307 Introduction to Mass Communication**		
Engl 1301 Composition I			MCOM 300 Mass Communication Theory		
Engl 1302 Composition II			MCOM 305 Media Law & Ethics		
Government			MCOM 490 Internship in Mass Communication		
Govt 2301 Amer Govt I: Fed & TX Constitution			MCOM 491 Research in Mass Communication		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			6 SCH from:		
History			Comm 1316 New s Photography I		
Hist 1301 U.S. History I			Comm 1317 New s Photography II		
Hist 1302 U.S. History II			Comm 2309 New s Editing & Copy Reading I		
Natural Science (6 SCH) from:			MCOM 310 Adv New s Writing & Reporting		
Biol 1306 Biology for Science Majors I			MCOM 312 Photojournalism		
Biol 1307 Biology for Science Majors II			MCOM 411 Adv Editing, Layout & Design		
Biol 1308 Biology for Non-Science Majors I			MCOM 412 Copy Editing		
Biol 1309 Biology for Non-Science Majors II			6 SCH from:		
Chem 1311 General Chemistry I			MCOM 2330 Intro to Television & Video Prod		
Chem 1312 General Chemistry II			MCOM 306 Broadcast New s (Radio Production)		
Phys 1301 College Physics I			MCOM 311 Television New s Production		
Phys 1302 College Physics II			MCOM 416 Television Production		
Phys 2325 University Physics I			MCOM 417 Advanced Video Production		
Phys 2326 University Physics II			6 SCH from:		
Math (3 SCH) from:			Comm 2311 New s Gathering & Writing I		
Math 1314 College Algebra			Comm 2315 New s Gathering & Writing II		
Math 1324 Math for Business & Social Sciences			MCOM 2360 Publication Design & Production		
Math 2413 Calculus I			MCOM 315 Writing for Broadcast		
Fine Arts (3 SCH) from:			MCOM 420 Case Studies in Advertising		
Arts 1301 Art Appreciation			6 SCH from:		
Dram 1310 Introduction to Theater			MCOM 2340 Intro to Public Relations		
Musi 1306 Music Appreciation			MCOM 2350 Principles of Advertising		
Social Science (3 SCH) from:			MCOM 410 Feature Writing		
Econ 2301 Prin of Macroeconomics			MCOM 430 Public Relations Campaigns		
Geog 1303 World Regional Geography			3 SCH UD MCOM Electives		
Psyc 2308 Child Psychology			Minor Requirements (Minimum 18 SCH)		
Psyc 2301 General Psychology			**A grade of 'C' or higher is required on Comm 1307.		
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:			Other Requirements		
Engl 2332 World Literature I			3 SCH from:		
Engl 2333 World Literature II			Eng 450 Studies in Genre (Poetry or Sh Story)		
Engl 2341 Forms of Literature			Gbus 420 Managing Cultural Differences		
Hist 2321 World Civilization I			Hist 419 American Social/Intellectual History		
Hist 2322 World Civilization II			Psci 331 Intro. to Public Adm'n & Leadership		
Span 1311 Beginning Spanish I			Psci 445 Public Opinion		
Span 1312 Beginning Spanish II			Psy 320 Psy of Interpersonal Interaction		
Other (6 SCH) from:			Soc 314 Social Psychology		
Engl 2332 World Literature I			ELECTIVES (As needed to meet minimum degree requirements)		
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 120		

Note: This degree requires a minimum of 45 UD hours. 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. Glenda Ballard, CELA Dean, (903) 223-3073, glenda.ballard@tamut.edu

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: POLITICAL SCIENCE**

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours	Earned	MAJOR: POLITICAL SCIENCE*	Hours	Earned
	Reqd	Reqd		Reqd	Reqd
English			Govt 2301 Amer Govt I: Fed & TX Constitution		
Engl 1301 Composition I			Govt 2302 Amer Govt II: Fed & TX Pol Behavior		
Engl 1302 Composition II					
Government (See Major)					
History			18 SCH from:		
Hist 1301 U.S. History I			PSCI 300 Intro. to Political Theory		
Hist 1302 U.S. History II			PSCI 305 Intro. to Political Ideologies		
			PSCI 310 Intro. to Political Documentary		
Natural Science (6 SCH) from:			PSCI 320 Intro. to Constitutional Law		
Biol 1306 Biology for Science Majors I			PSCI 331 Intro. to Public Admin. & Leadership		
Biol 1307 Biology for Science Majors II			PSCI 340 Intro. to Comparative Politics		
Biol 1308 Biology for Non-Science Majors I			PSCI 341 European Politics		
Biol 1309 Biology for Non-Science Majors II			PSCI 344 Russian & East European Politics		
Chem 1311 General Chemistry I			PSCI 350 Intro. to International Relations		
Chem 1312 General Chemistry II			PSCI 395 Methods of PSCI Research		
Phys 1301 College Physics I			PSCI 410 American Political Theory		
Phys 1302 College Physics II			PSCI 426 Civil Rights/Civil Liberties		
Phys 2325 University Physics I			PSCI 427 Public Law /Federal & State		
Phys 2326 University Physics II			PSCI 428 Intergovernmental Politics		
Math (3 SCH) from:			PSCI 445 Public Opinion		
Math 1314 College Algebra			PSCI 455 Political Behavior		
Math 1324 Math for Business & Social Sciences			PSCI 456 Politics & Religion		
Math 2413 Calculus I			PSCI 460 Political Parties & Elections		
Fine Arts (3 SCH) from:			PSCI 464 Congress		
Arts 1301 Art Appreciation			PSCI 465 The Executive		
Dram 1310 Introduction to Theater			PSCI 490 Internships (6 SCH)		
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:			12 SCH UD Political Science Electives		
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2308 Child Psychology			MINOR (minimum 18 SCH):		
Psyc 2301 General Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II			ELECTIVES		
Span 1311 Beginning Spanish I			(As needed to meet minimum degree requirements.)		
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I			*A grade of 'C' or higher is required on all		
Engl 2333 World Literature II			Political Science Major courses.		
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 120		

Note: This degree requires a minimum of 54 UD hours. 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.

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**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: PSYCHOLOGY**

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours Earned	Reqd	MAJOR: PSYCHOLOGY	Hours Earned	Reqd
English					
Engl 1301 Composition I			Psyc 2301 General Psychology		
Engl 1302 Composition II			Psyc 2314 Lifespan Growth & Development		
Government			Psyc 2317 Psychological Statistics		
Govt 2301 Amer Govt I: Fed & TX Constitution			Psy 316 Abnormal Psychology		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Psy 317 Psych of Personality		
History			Psy 402 Experimental Psychology		
Hist 1301 U.S. History I			Psy 403 History of Psychology		
Hist 1302 U.S. History II			Psy 426 Intro Clinical & Couns Psychology		
Natural Science (6 SCH) from:					
Biol 1306 Biology for Science Majors I			Psy 350 Learning & Behavior		
Biol 1307 Biology for Science Majors II			or 466 Cognitive Psychology		
Biol 1308 Biology for Non-Science Majors I					
Biol 1309 Biology for Non-Science Majors II			Psy 455 Brain & Behavior		
Chem 1311 General Chemistry I			or 456 Sensation & Perception		
Chem 1312 General Chemistry II					
Phys 1301 College Physics I			Soc 314 Social Psychology		
Phys 1302 College Physics II					
Phys 2325 University Physics I					
Phys 2326 University Physics II			9 SCH Upper Division Psychology electives		
Math (3 SCH) from:					
Math 1314 College Algebra			MINOR:		
Math 1324 Math for Business & Social Sciences			(Select from Minors listed in catalog.		
Math 2413 Calculus I			Minimum of 18 SCH required)		
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Sciences (See Major for Psyc 2301)					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 120		

Note: This degree requires a minimum of 54 UD hours. Resident credit totaling 25% of the hours is required for the degree.

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: PSYCHOLOGY WITH SOCIOLOGY MINOR

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours Earned	Reqd	MAJOR: PSYCHOLOGY	Hours Earned	Reqd
English					
Engl 1301 Composition I			Psyc 2301 General Psychology		
Engl 1302 Composition II			Psyc 2314 Lifespan Growth & Development		
Government			Psyc 2317 Psychological Statistics		
Govt 2301 Amer Govt I: Fed & TX Constitution			Psy 316 Abnormal Psychology		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Psy 317 Psych of Personality		
History			Psy 402 Experimental Psychology		
Hist 1301 U.S. History I			Psy 403 History of Psychology		
Hist 1302 U.S. History II			Psy 426 Intro Clinical & Couns Psychology		
Natural Science (6 SCH) from:					
Biol 1306 Biology for Science Majors I			Psy 350 Learning & Behavior		
Biol 1307 Biology for Science Majors II			or 466 Cognitive Psychology		
Biol 1308 Biology for Non-Science Majors I					
Biol 1309 Biology for Non-Science Majors II			Psy 455 Brain & Behavior		
Chem 1311 General Chemistry I			or 456 Sensation & Perception		
Chem 1312 General Chemistry II					
Phys 1301 College Physics I			Soc 314 Social Psychology		
Phys 1302 College Physics II					
Phys 2325 University Physics I			9 SCH Upper Division Psychology electives		
Phys 2326 University Physics II					
Math (3 SCH) from:			MINOR: SOCIOLOGY		
Math 1314 College Algebra			Soci 1301 Introductory Sociology		
Math 1324 Math for Business & Social Sciences			Soc 320 Deviance and Deviant Behavior		
Math 2413 Calculus I			Soc 323 Social Stratification		
Fine Arts (3 SCH) from:			Soc 380 Ethnic & Cultural Minorities		
Arts 1301 Art Appreciation			Soc 485 Religion and Society		
Dram 1310 Introduction to Theater			3 SCH Upper Division Approved Sociology Electives		
Musi 1306 Music Appreciation					
Social Sciences (See Major for Psyc 2301)					
Humanities (3 SCH) from:			ELECTIVES: (As needed to meet minimum degree reqs.)		
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking I					
			TOTAL HOURS FOR DEGREE: 120		

Note: This degree requires a minimum of 54 UD hours. Resident credit totaling 25% of the hours is required for the degree.

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: SOCIOLOGY

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS	EARNED	REQD	MAJOR: SOCIOLOGY	HOURS	EARNED	REQD
<i>English</i>							
Engl 1301 Composition I				Soci 1301 Introduction to Sociology			
Engl 1302 Composition II				Soci 2317 Social Statistics			
<i>Government</i>				Soci 2319 Diversity Studies			
Govt 2301 Amer Govt I: Fed & TX Constitution				Soc 310 Sociological Theory			
Govt 2302 Amer Govt II: Fed & TX Pol Behavior				Soc 354 Research Methods & Ethics			
<i>History</i>				Soc 490 Senior Seminar			
Hist 1301 U.S. History I							
Hist 1302 U.S. History II							
<i>Natural Science (6 SCH) from:</i>				18 SCH from:			
Biol 1306 Biology for Science Majors I				Soci 1306 Social Problems			
Biol 1307 Biology for Science Majors II				Soci 2301 Marriage and the Family			
Biol 1308 Biology for Non-Science Majors I				Soc 314 Social Psychology			
Biol 1309 Biology for Non-Science Majors II				Soc 320 Deviance and Deviant Behavior			
Chem 1311 General Chemistry I				Soc 323 Social Stratification			
Chem 1312 General Chemistry II				Soc 380 Ethnic and Cultural Minorities			
Phys 1301 College Physics I				Soc 385 Globalization and Social Change			
Phys 1302 College Physics II				Soc 423 Health and Society			
Phys 2325 University Physics I				Soc 485 Religion and Society			
Phys 2326 University Physics II							
<i>Math (3 SCH) from:</i>							
Math 1314 College Algebra							
Math 1324 Math for Business & Social Sciences							
Math 2413 Calculus I							
<i>Fine Arts (3 SCH) from:</i>							
Arts 1301 Art Appreciation							
Dram 1310 Introduction to Theater							
Musi 1306 Music Appreciation							
<i>Social Sciences (See Major for Soci 1301)</i>							
<i>Humanities (3 SCH) from:</i>							
Engl 2332 World Literature I							
Engl 2333 World Literature II							
Engl 2341 Forms of Literature							
Hist 2321 World Civilization I							
Hist 2322 World Civilization II							
Span 1311 Beginning Spanish I							
Span 1312 Beginning Spanish II							
<i>Other (6 SCH) from:</i>							
Engl 2332 World Literature I							
Engl 2333 World Literature II							
Engl 2341 Forms of Literature							
Span 1311 Beginning Spanish I							
Span 1312 Beginning Spanish II							
Spch 1315 Public Speaking I							
				ELECTIVES: (As needed to meet minimum degree reqs.)			
				TOTAL HOURS FOR DEGREE: 120			

Note: This degree requires a minimum of 54 UD hours. Resident credit totaling 25% of the hours is required for the degree.

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LIBERAL ARTS MINORS (18 SCH)

Criminal Justice

(Must complete at least 3 SCH from each area)

Area I

CJ	320	Deviance and Deviant Behavior
CJ	325	Crime and Delinquency
CJ	350	Types of Crime
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

English

Engl	1301	Composition I (from Core Curriculum)
Engl	1302	Composition II (from Core Curriculum)
3	SCH	Literature (from Core Curriculum)

Eng	441	Advanced Survey of American Lit I
or	442	Advanced Survey of American Lit II

Eng	471	Advanced Survey of British Lit I
or	472	Advanced Survey of British Lit II

3	SCH	Upper-division approved English elective
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History

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 from at least two fields

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

International Studies

6 SCH from (with approval from advisor)

Sociology	Anthropology
Geography	Political Science
Economics	Philosophy

3 SCH	Upper-division Foreign Language (see catalog for pre-requisite)
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PSCI	340	Comparative Politics
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6 SCH from

Eng	450	International Literature
Hsc	405	Cultural Pluralism in Mental Health & Health Care
Hist	454	Culture & History of Mexico
Soc	485	Religion & Society

Liberal Arts Minors (18 SCH) (continued)

Political Science

Govt	2301	American Government I: Federal & TX Constitution
Govt	2302	American Government II: Fed & TX Pol. Behavior
12	SCH	Upper-division Political Science Electives

Psychology

Psyc	2301	General Psychology
Psyc	2314	Lifespan Growth and Development
Psy	316	Abnormal Psychology
Psy	426	Introduction to Applied Psychology
Psy	317	Psychology of Personality
or	350	Learning and Behavior
3	SCH	Psychology elective

Social Studies

Econ	2301	Principles of Macroeconomics
Geog	1303	World Regional Geography
Geog	413	Cultural Geography
Govt	2301	American Government I: Federal & 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

Soc	1301	Introduction to 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

Span	303	Spanish Composition & Conversation*
Span	310	Spanish Grammar & Composition*
Span	317	Spanish Conversation & Diction*
Span	360	Introduction to Spanish Literature
Hist	451	Modern Latin America
or		
Hist	454	Culture & History of Mexico

3 SCH Approved Elective

*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

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: INTERDISCIPLINARY STUDIES

GRADES EC-6
GENERALIST
Teaching Field

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	EARLY CHILDHOOD - GRADE 6	HOURS EARNED	REQD
English			Art 369 Principles & Elements of Fine Arts		
Engl 1301 Composition I			Eng 305 Children's Literature I		
Engl 1302 Composition II			Eng 340 Advanced Expository Writing		
Government			Hist 460 Texas Culture		
Govt 2301 Amer Govt I: Fed & TX Constitution			Hist 2321 World Civilizations I OR		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Hist 2322 World Civilizations II		
History			Math 1350 Fundamentals of Math I		
Hist 1301 U.S. History I			Math 1351 Fundamentals of Math II		
Hist 1302 U.S. History II			Math 355 Statistical & Geometrical Concepts		
Natural Science (8 SCH) from:			Rdg 350 Emergent Literacy Development		
Biol 1306 Biology for Science Majors I AND			Rdg 352 Literacy Development for Upper Grades		
Biol 1106 Biology for Science Majors I Lab (1 SCH)			Rdg 354 Assessment Driven Instruction		
Biol 1307 Biology for Science Majors II AND			Sped 410 Characteristics of Diverse Learners		
Biol 1107 Biology for Science Majors II Lab (1 SCH)			Sped 417 Assessment for Achievement		
Math (3 SCH) from:			PROFESSIONAL DEVELOPMENT		
Math 1314 College Algebra			(THEA or TASP must be passed before enrollment in Ed/Sped course work.)		
Fine Arts (3 SCH) from:			Ed 311 Growth and Development EC-12		
Arts 1301 Art Appreciation			Ed 321 Foundations of Education		
Dram 1310 Introduction to Theater			Ed 331 Classroom & Behavior Management		
Musi 1306 Music Appreciation			ITED 350 Technology for Instruc., Learn & Comm.		
Social Science (3 SCH) from:			Ed 486 Methods of Tchg: Math, Science & PE		
Econ 2301 Prin of Macroeconomics			Ed 487 Methods of Tchg: Social Studies, Language Arts and Fine Arts		
Geog 1303 World Regional Geography			Ed 494 Grades EC-6 Teaching Practicum (6 SCH)		
Psyc 2308 Child Psychology			Sped 418 Research, Issues & Trends in ED		
Psyc 2301 General Psychology			OTHER REQUIREMENTS		
Soci 1301 Introductory Sociology			Educ 1301 Intro to the Teaching Profession		
Humanities (3 SCH) from:			Educ 2301 Intro to Special Populations		
Engl 2332 World Literature I			ECE 401 History & Found. Of Early Childhood		
Engl 2333 World Literature II			Phys 1415 Physical Science I (4 SCH)**		
Engl 2341 Forms of Literature			**Course Pending Approval		
Other (6 SCH) from:			A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg and Sped courses.		
Engl 2332 World Literature I			Total Hours for Degree: 123		
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking					

Note: Resident credit totaling 25% of hours required for degree

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH of following Content Areas : (no grade below 'C') 3 SCH GOVT or HIST; 3 SCH ENG (not 1301 or 1302); 3 SCH MATH; 3 SCH BIOL, PHYS or CHEM 4. Demonstration of College Skills-See Website | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="font-size: small;">Admittance based on rubric point scale. Students may appeal decision.</p> |
|---|---|

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: INTERDISCIPLINARY STUDIES

GRADES EC-6
GENERALIST W/SPED
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	EARLY CHILDHOOD - GRADE 6	HOURS EARNED	REQD
<i>English</i>					
Engl 1301 Composition I			Art 369 Principles & Elements of Fine Arts		
Engl 1302 Composition II			Eng 305 Children's Literature I		
Government			Eng 340 Advanced Expository Writing		
Govt 2301 Amer Govt I: Fed & TX Constitution			Hist 460 Texas Culture		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Hist 2321 World Civilizations I OR		
History			Hist 2322 World Civilizations II		
Hist 1301 U.S. History I			Math 1350 Fundamentals of Math I		
Hist 1302 U.S. History II			Math 1351 Fundamentals of Math II		
Natural Science (8 SCH) from:			Math 355 Statistical & Geometrical Concepts		
Biol 1306 Biology for Science Majors I AND			Rdg 350 Emergent Literacy Development		
Biol 1106 Biology for Science Majors I Lab (1 SCH)			Rdg 352 Literacy Development for Upper Grades		
Biol 1307 Biology for Science Majors II AND			Rdg 354 Assessment Driven Instruction		
Biol 1107 Biology for Science Majors II Lab (1 SCH)			Sped 410 Characteristics of Diverse Learners		
Math (3 SCH) from:			Sped 417 Assessment for Achievement		
Math 1314 College Algebra			PROFESSIONAL DEVELOPMENT		
Fine Arts (3 SCH) from:			(THEA or TASP must be passed before enrollment in Ed/Sped course work)		
Arts 1301 Art Appreciation			Ed 311 Growth and Development EC-12		
Dram 1310 Introduction to Theater			Ed 321 Foundations of Education		
Musi 1306 Music Appreciation			Ed 331 Classroom & Behavior Management		
Social Science (3 SCH) from:			ITED 350 Technology for Instruc., Learn & Comm.		
Econ 2301 Prin of Macroeconomics			Ed 486 Methods of Tchg: Math, Science & PE		
Geog 1303 World Regional Geography			Ed 487 Methods of Tchg: Social Studies, Language Arts and Fine Arts		
Psyc 2308 Child Psychology			Sped 418 Research, Issues & Trends in ED		
Psyc 2301 General Psychology			Ed 491 Grades EC-6 Teaching Practicum (3 SCH)		
Soci 1301 Introductory Sociology			Sped 475 SPED Teaching Practicum (3 SCH)		
Humanities (3 SCH) from:			A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg and Sped courses		
Engl 2332 World Literature I			OTHER REQUIREMENTS		
Engl 2333 World Literature II			Educ 1301 Intro to the Teaching Profession		
Engl 2341 Forms of Literature			Educ 2301 Intro to Special Populations		
Other (6 SCH) from:			ECE 401 History & Found. Of Early Childhood		
Engl 2332 World Literature I			Phys 1415 Physical Science I (4 SCH)**		
Engl 2333 World Literature II			**Course pending approval		
Engl 2341 Forms of Literature			TOTAL HOURS FOR DEGREE: 123		
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking					

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

- | | |
|--|---|
| <p>1. Application to Teacher Preparation Program via TK20</p> <p>2. GPA requirement of 2.70 cumulative</p> <p>3. 12 SCH of following Content Areas : (no grade below 'C') 3 SCH GOVT or HIST;
3 SCH ENG (not 1301 or 1302); 3 SCH MATH; 3 SCH BIOL, PHYS or CHEM</p> <p>4. Demonstration of College Skills-See Website</p> | <p>5. Interviews with Content Advisor.</p> <p>6. 2 Oral Language References from face-to-face instructors from
Ed 321, Ed 311, Sped 410 or Rdg 350</p> <p>7. Complete: Teacher Prep Orientation; Writing Sample; Disposition
Survey; Code of Ethics Reflection Statement</p> <p>Admittance based on rubric point scale. Students may appeal decision.</p> |
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**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: INTERDISCIPLINARY STUDIES**

**GRADES EC-6
BILINGUAL GENERALIST
TEACHING FIELD**

NAME:

CWID:

GENERAL EDUCATION	HOURS EARNED	REQD	EARLY CHILDHOOD - GRADE 6	HOURS EARNED	REQD
English Engl 1301 Composition I Engl 1302 Composition II			Art 369 Principles & Elements of Fine Arts Eng 305 Children's Literature I Eng 340 Advanced Expository Writing Hist 460 Texas Culture Math 1350 Fundamentals of Math I Math 1351 Fundamentals of Math II Math 355 Statistical & Geometrical Concepts Rdg 350 Emergent Literacy Development Rdg 352 Literacy Development for Upper Grades Rdg 354 Assessment Driven Instruction Sped 410 Characteristics of Diverse Learners Sped 417 Assessment for Achievement		
Government Govt 2301 Amer Govt 1: Fed & TX Constitution Govt 2302 Amer Govt II: Fed & TX Pol Behavior					
History Hist 1301 U.S. History I Hist 1302 U.S. History II					
Natural Science (8 SCH) from: Biol 1306 Biology for Science Majors I AND Biol 1106 Biology for Science Majors I Lab (1 SCH) Biol 1307 Biology for Science Majors II AND Biol 1107 Biology for Science Majors II Lab (1 SCH)					
Math (3 SCH) from: Math 1314 College Algebra					
Fine Arts (3 SCH) from: Arts 1301 Art Appreciation Dram 1310 Introduction to Theater Musi 1306 Music Appreciation					
Social Science (3 SCH) from: Econ 2301 Prin of Macroeconomics Geog 1303 World Regional Geography Psyc 2301 General Psychology Psyc 2308 Child Psychology Soci 1301 Introductory Sociology					
Humanities (3 SCH) from: Engl 2332 World Literature I Engl 2333 World Literature II Engl 2341 Forms of Literature					
Other (6 SCH) from: Engl 2332 World Literature I Engl 2333 World Literature II Engl 2341 Forms of Literature Span 1311 Beginning Spanish I Span 1312 Beginning Spanish II Spch 1315 Public Speaking Spch 1315 Public Speaking					
			PROFESSIONAL DEVELOPMENT (THEA or TASP must be passed before enrollment in Ed/Sped course work) Ed 311 Growth and Development EC-12 Ed 321 Foundations of Education Ed 331 Classroom & Behavior Management Ed 486 Methods of Tchg: Math, Science & PE Ed 487 Methods of Tchg: Social Studies, Language Arts and Fine Arts Ed 494 Grades EC-6 Teaching Practicum (3 SCH) BE 491 Resident Teaching - Bilingual (3 SCH)		
			OTHER REQUIREMENTS BE 400 Foundations of Bilingual Education BE 420 Bilingual Target Proficiency BE 472 Bilingual & Dual Lang. Proficiencies BE 474 Biliteracy for Dual & Bilingual Classrooms BE 476 Content Area Instruct. For Bilingual Prog. Educ 1301 Intro to the Teaching Profession Educ 2301 Intro to Special Populations ECE 401 History & Found. Of Early Childhood Phys 1415 Physical Science I (4 SCH)** **Course pending approval		
			A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg and Sped courses		
			Total Hours for Degree: 129		

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

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| <p>1. Application to Teacher Preparation Program via TK20</p> <p>2. GPA requirement of 2.70 cumulative</p> <p>3. 12 SCH of following Content Areas : (no grade below 'C') 3 SCH GOVT or HIST;
3 SCH ENG (not 1301 or 1302); 3 SCH MATH; 3 SCH BIOL, PHYS or CHEM</p> <p>4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor.</p> | <p>6. 2 Oral Language References from face-to-face instructors from
Ed 321, Ed 311, Sped 410 or Rdg 350</p> <p>7. Complete: Teacher Prep Orientation; Writing Sample; Disposition
Survey; Code of Ethics Reflection Statement</p> <p>Admittance based on rubric point scale. Students may appeal decision.</p> |
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Contact: Dr. Glenda Ballard, CELA Dean, (903) 223-3073, glenda.ballard@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: ENGLISH

GRADES 4-8
ENG/LANG ARTS/RDG
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	GRADE 4-8 ENG/LANG ARTS/RDG	HOURS EARNED	REQD
English (See Major)			English		
Government			Engl 1301 Composition I		
Govt 2301 Amer Govt I: Fed & TX Constitution			Engl 1302 Composition II		
Govt 2302 Amer Govt II: Fed & TX Pbl Behavior			Engl 2332 World Literature I		
History			Engl 2333 World Literature II		
Hist 1301 U.S. History I			Engl 2360 Intro to Lit Studies		
Hist 1302 U.S. History II			Eng 305 Children's Literature I		
Natural Science (8 SCH) from:			Eng 306 Children's Literature II		
Biol 1306 Biol for Science Major I AND			Eng 312 Shakespeare		
Biol 1106 Biology I Lab (1 SCH)			Eng 340 Adv Expository Writing		
Biol 1307 Biol for Science Major II AND			Eng 320 Understanding Grammar		
Biol 1107 Biology II Lab (1 SCH)			Eng 424 Hist & Grammar of Eng Lang		
Chem 1311 General Chemistry I AND			Eng 441 Advanced Survey of Amer Lit I		
Chem 1111 Gen. Chemistry Lab (1 SCH)			Eng 442 Advanced Survey of Amer Lit II		
Chem 1312 General Chemistry II AND			Eng 471 Advanced Survey of British Lit I		
Chem 1112 Gen. Chemistry Lab (1 SCH)			Eng 472 Advanced Survey of British Lit II		
Phys 2325 University Physics I AND			Eng 491 Capstone in Engli SCH Studies (1 SCH)		
Phys 2125 Univ. Physics I Lab (1 SCH)			Reading		
Phys 2326 University Physics II AND			Rdg 343 Reading Beyond Primary Grades		
Phys 2126 Univ. Physics II Lab (1 SCH)			Rdg 352 Literacy Development for Upper Grades		
Math (3 SCH) from:			Rdg 354 Assessment Driven Instruction		
Math 1314 College Algebra			3 SCH from:		
Math 1324 Math for Business & Social Sciences			Eng 430 Images of Women in Literature		
Math 2413 Calculus I			Eng 450 - Studies in Genre		
Fine Arts (3 SCH) from:			Eng 489 Individual Study		
Arts 1301 Art Appreciation			Eng 497 Special Topics		
Dram 1310 Introduction to Theater			PROFESSIONAL DEVELOPMENT (THEA, TASP or Accuplacer		
Musi 1306 Music Appreciation			must be passed before enrollment in Ed/Sped course work)		
Social Science (3 SCH) from:			Ed 311 Human Growth & Development		
Econ 2301 Prin of Macroeconomics			Ed 321 Foundations of Education		
Geog 1303 World Regional Geography			Ed 331 Classroom Management & Behavior		
Psyc 2308 Child Psychology			Ed 435 Curriculum		
Psyc 2301 General Psychology			Ed 492 Grades 4-8 Teaching Practicum (6 SCH)		
Soci 1301 Introductory Sociology			Sped 418 Research, Trends & Issues in Ed		
Soci 2319 Minority Studies I			OTHER REQUIREMENTS		
Humanities (See Major for Engl 2332)			ITED 350 Technology for Inst, Learning & Comm		
Other (3 SCH) from:			Sped 410 Char of Diverse Learners		
Engl 2341 Forms of Literature			Phys 1415 Physical Science (4 SCH)		
Span 1311 Beginning Spanish I			Total Hours for Degree: 121		
Span 1312 Beginning Spanish II			*A Grade of 'C' or higher is required in ALL Major		
Spch 1315 Public Speaking I			courses, Ed, Rdg, and Sped courses.		
(See Major for Engl 2333)					

Note: Resident credit totaling 25% of the hours is required for the degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

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| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="text-align: center;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: HISTORY

GRADES 4-8
SOCIAL STUDIES
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours Earned	Reqd	GRADE 4-8 SOCIAL STUDIES	Hours Earned	Reqd
English			Econ 2301 Principals Macroeconomics		
Engl 1301 Composition I			Geog 1303 World Regional Geography		
Engl 1302 Composition II			Govt 2301 Amer Govt I: Fed & TX Constitution		
Government (See Major)			Govt 2302 Amer Govt II: Fed & TX Pol Behavior		
History			Hist 2321 World Civilizations I		
Hist 1301 U.S. History I			Hist 2322 World Civilizations II		
Hist 1302 U.S. History II			Hist 460 Texas Culture		
Natural Science (8 SCH) from:			6 SCH UD Political Science Electives		
Biol 1306 Biol for Science Major I AND			9 SCH UD United States History from:		
Biol 1106 Biology I Lab (1 SCH)			Hist 328 Colonial & Revolutionary America		
Biol 1307 Biol for Science Major II AND			Hist 419 American Social & Intellectual Hist		
Biol 1107 Biology II Lab (1 SCH)			Hist 428 US in the 20th Century		
Chem 1311 General Chemistry I AND			Hist 434 Civil War & Reconstruction		
Chem 1111 Gen. Chemistry Lab (1 SCH)			6 SCH UD European History from:		
Chem 1312 General Chemistry II AND			Hist 310 Ancient World		
Chem 1112 Gen. Chemistry Lab (1 SCH)			Hist 312 Medieval Civilization		
Phys 2325 University Physics I AND			Hist 314 Renaissance & Reformation		
Phys 2125 Univ. Physics I Lab (1 SCH)			Hist 330 History of Nazi Germany		
Phys 2326 University Physics II AND			Hist 345 World of King Arthur & Robin Hood		
Phys 2126 Univ. Physics II Lab (1 SCH)			Hist 352 Europe, 1920-Present		
Math (3 SCH) from:			6 SCH UD World History from:		
Math 1314 College Algebra			Hist 450 Latin America: Colonial Era		
Math 1324 Math for Business & Social Sciences			Hist 451 Modern Latin America		
Math 2413 Calculus I			Hist 454 Culture & History of Mexico		
Fine Arts (3 SCH) from:			Hist 470 20th Century Asia		
Arts 1301 Art Appreciation			PROFESSIONAL DEVELOPMENT		
Dram 1310 Introduction to Theater			(THEA or TASP must be passed before enrollment in Ed/Sped course work.)		
Musi 1306 Music Appreciation			Ed 311 Growth and Development EC-12		
Social Science (3 SCH) from:			Ed 321 Foundations of Education		
(See Major for Geog 1303)			Ed 331 Classroom & Behavior Management		
Humanities (3 SCH) from:			Ed 435 Curriculum		
(See Major for Hist 2321)			Ed 492 Grades 4-8 Teaching Practicum (6 SCH)		
Other (6 SCH) from:			Sped 418 Research, Issues & Trends in ED		
Engl 2332 World Literature I			OTHER REQUIREMENTS		
Engl 2333 World Literature II			ITED 350 Technologies for Instruct., Learn. & Comm.		
Engl 2341 Forms of Literature			Math 1350 Fundamentals of Math I		
Span 1311 Beginning Spanish I			Math 1351 Fundamentals of Math II		
Span 1312 Beginning Spanish II			Phys 1415 Physical Science I (4 SCH)**		
Spch 1315 Public Speaking			Rdg 343 Reading Beyond Primary Grades		
A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg, and Sped courses.			Rdg 350 Emergent Literacy Development		
			Sped 410 Characteristics of Diverse Learners		
			Total Hours for Degree: 123		

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

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|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="text-align: center;">Admittance based on rubric point scale. Students may appeal decision.</p> |
|--|---|

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: MATHEMATICS

GRADES 4-8
MATHEMATICS
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours	Earned	Reqd	GRADE 4-8 MATHEMATICS	Hours	Earned	Reqd
English				Math 2412 Pre-Calculus (4 SCH)			
Engl 1301 Composition I				OR			
Engl 1302 Composition II				Math 1314 College Algebra AND			
Government				Math 1316 Plane Trigonometry			
Govt 2301 Amer Govt 1: Fed & TX Constitution				Math 2305 Discrete Mathematics			
Govt 2302 Amer Govt II: Fed & TX Pol Behavior				Math 2342 Elementary Statistical Methods			
History				Math 2413 Calculus I (4 SCH)			
Hist 1301 U.S. History I				Math 2414 Calculus II (4 SCH)			
Hist 1302 U.S. History II				Math 2415 Calculus III (4 SCH)			
Natural Science (8 SCH) from:				Math 321 Modern Geometry			
Biol 1306 Biol for Science Major I AND				Math 334 Intro. To Abstract Algebra			
Biol 1106 Biology I Lab (1 SCH)				Math 335 Linear Algebra			
Biol 1307 Biol for Science Major II AND				Math 426 Problem Solving			
Biol 1107 Biology II Lab (1 SCH)				Math 430 Mathematical Modeling			
Chem 1311 General Chemistry I AND				Math 437 Number Theory			
Chem 1111 Gen. Chemistry Lab (1 SCH)				Math 457 Probability & Statistics			
Chem 1312 General Chemistry II AND				Math 493 Capstone in Mathematics			
Chem 1112 Gen. Chemistry Lab (1 SCH)							
Phys 2325 University Physics I AND							
Phys 2125 Univ. Physics I Lab (1 SCH)							
Phys 2326 University Physics II AND							
Phys 2126 Univ. Physics II Lab (1 SCH)							
Fine Arts (3 SCH) from:							
Arts 1301 Art Appreciation							
Dram 1310 Introduction to Theater							
Musi 1306 Music Appreciation							
Social Science (3 SCH) from:							
Econ 2301 Prin of Macroeconomics							
Geog 1303 World Regional Geography							
Psyc 2308 Child Psychology							
Psyc 2301 General Psychology							
Soci 1301 Introductory Sociology							
Soci 2319 Minority Studies I							
Humanities (3 SCH) from:							
Engl 2332 World Literature I							
Engl 2333 World Literature II							
Engl 2341 Forms of Literature							
Hist 2321 World Civilization I							
Hist 2322 World Civilization II							
Span 1311 Beginning Spanish I							
Other (6 SCH) from:							
Engl 2332 World Literature I							
Engl 2333 World Literature II							
Engl 2341 Forms of Literature							
				PROFESSIONAL DEVELOPMENT			
(THEA or TASP must be passed before enrollment in Ed/Sped course work)							
				Ed 311 Growth and Development EC-12			
				Ed 321 Foundations of Education			
				Ed 331 Classroom & Behavior Management			
				Ed 435 Curriculum			
				Ed 492 Grades 4-8 Teaching Practicum (6 SCH)			
				Sped 418 Research, Issues & Trends in ED			
OTHER REQUIREMENTS							
				COSC 1315 Introduction to Computer Science			
				ITED 350 Tech for Instr, Learning, and Commun.			
				Phys 1415 Physical Science I (4 SCH)**			
				Rdg 343 Reading Beyond the Primary Grades			
				Rdg 350 Emergent Literacy Development			
				Sped 410 Characteristics of Diverse Learners			
A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg, and Sped courses. ** Courses Pending Approval							
Note: Resident credit totaling 25% of hours is required for degree.							
				(continued) Other (6 SCH) from:			
				Span 1311 Beginning Spanish I			
				Span 1312 Beginning Spanish II			
				Spch 1315 Public Speaking 1			
				TOTAL HOURS FOR DEGREE: 120			

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

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|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="text-align: center; font-size: small;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: BIOLOGY

GRADES 4-8
SCIENCE
TEACHING FIELD

NAME:

CWID:

GENERAL EDUCATION	HOURS EARNED	REQD	GRADE 4-8 SCIENCE	HOURS EARNED	REQD
English			Biol 1306 Biology for Science Majors I AND		
Engl 1301 Composition I			Biol 1106 Biology for Science Majors I Lab (1 SCH)		
Engl 1302 Composition II			Biol 1307 Biology for Science Majors II AND		
Government			Biol 1107 Biology for Science Majors II Lab (1 SCH)		
Govt 2301 Amer Govt I: Fed & TX Constitution			Geol 1403 Physical Geology (4 SCH)**		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Phys 1411 Introductory Astronomy (4 SCH)**		
History			Biol 307 General Ecology		
Hist 1301 U.S. History I			Biol 308 Invertebrate Zoology		
Hist 1302 U.S. History II			Biol 310 Genetics		
Natural Science (8 SCH) from:			Biol 402 Cell Biology		
(See Major)			Biol 466 Evolutionary Biology		
Math			Chem 472 Forensic Science		
Math 1314 College Algebra			3 SCH UD Biology Electives		
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:					
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2308 Child Psychology					
Psyc 2301 General Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking 1					
			PROFESSIONAL DEVELOPMENT		
			(THEA or TASP must be passed before enrollment in Ed/Sped course work)		
			Ed 311 Growth and Development EC-12		
			Ed 321 Foundations of Education		
			Ed 331 Classroom & Behavior Management		
			Ed 435 Curriculum		
			Ed 492 Grades 4-8 Teaching Practicum (6 SCH)		
			Sped 418 Research, Issues & Trends in ED		
			OTHER REQUIREMENTS		
			ITED 350 Tech for Instruct., Learn. & Comm.		
			Math 1350 Fundamentals of Math I		
			Math 1351 Fundamentals of Math II		
			Phys 1415 Physical Science I (4 SCH)**		
			Phys 1417 Physical Science II (4 SCH)**		
			Rdg 343 Reading Beyond Primary Grades		
			Rdg 350 Emergent Literacy Development		
			Sped 410 Characteristics of Diverse Learners		
			TOTAL HOURS FOR DEGREE: 123		
			**Course pending approval		
			A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg and Sped courses.		

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="text-align: center;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: BIOLOGY

GRADES 8-12
COMPOSITE SCIENCE
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours Earned	GRADE 8-12 COMPOSITE SCIENCE	HOURS EARNED REQD
English		Biol 1306 Biology for Science Majors I AND	
Engl 1301 Composition I		Biol 1106 Biology for Science Majors I Lab (1 SCH)	
Engl 1302 Composition II		Biol 1307 Biology for Science Majors II AND	
Government		Biol 1107 Biology for Science Majors II Lab (1 SCH)	
Govt 2301 Amer Govt 1: Fed & TX Constitution		Chem 1311 General Chemistry I AND	
Govt 2302 Amer Govt II: Fed & TX Pol Behavior		Chem 1111 General Chemistry I Lab (1 SCH)	
History		Chem 1312 General Chemistry II AND	
Hist 1301 U.S. History I		Chem 1112 General Chemistry II Lab (1 SCH)	
Hist 1302 U.S. History II		Phys 1301 College Physics I AND	
Natural Science (6 SCH) from:		Phys 1101 College Physics I Lab (1 SCH)	
(See Major)		Phys 1302 College Physics II AND	
Math		Phys 1102 College Physics II Lab (1 SCH)	
Math 1314 College Algebra		Geol 1403 Physical Geology (4 SCH)**	
Fine Arts (3 SCH) from:		Phys 1411 Introductory Astronomy (4 SCH)**	
Arts 1301 Art Appreciation		Biol 307 General Ecology	
Dram 1310 Introduction to Theater		Biol 308 Invertebrate Zoology	
Musi 1306 Music Appreciation		Biol 310 Genetics	
Social Science (3 SCH) from:		Biol 402 Cell Biology	
Econ 2301 Prin of Macroeconomics		Biol 466 Evolutionary Biology	
Geog 1303 World Regional Geography		Biol 481 Senior Seminar	
Psyc 2308 Child Psychology		3 SCH UD Biology Electives	
Psyc 2301 General Psychology			
Soci 1301 Introductory Sociology		PROFESSIONAL DEVELOPMENT	
Soci 2319 Minority Studies I		(THEA or TASP must be passed before enrollment in Ed/Sped course work.)	
Humanities (3 SCH) from:		Ed 311 Growth and Development EC-12	
Engl 2332 World Literature I		Ed 321 Foundations of Education	
Engl 2333 World Literature II		Ed 331 Classroom & Behavior Management	
Engl 2341 Forms of Literature		Ed 435 Curriculum	
Hist 2321 World Civilization I		Ed 493 Grades 8-12 Teaching Practicum (6 SCH)	
Hist 2322 World Civilization II		Sped 418 Research, Issues & Trends in ED	
Span 1311 Beginning Spanish I			
Span 1312 Beginning Spanish II		OTHER REQUIREMENTS	
Other (6 SCH) from:		Math 2342 Elementary Statistical Methods	
Engl 2332 World Literature I		ITED 350 Tech for Instruction, Learning, and Communication	
Engl 2333 World Literature II		Rdg 343 Reading Beyond the Primary Grades	
Engl 2341 Forms of Literature		Sped 410 Characteristics of Diverse Learners	
Span 1311 Beginning Spanish I		**Course pending approval	
Span 1312 Beginning Spanish II		TOTAL HOURS FOR DEGREE: 122	
Spch 1315 Public Speaking 1		A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg, and Sped courses.	

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="font-size: small;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: BIOLOGY

GRADES 8-12
LIFE SCIENCE
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	HOURS EARNED	REQD	GRADE 8-12 LIFE SCIENCE	HOURS EARNED	REQD
English			Biol 1306 Biology for Science Majors I AND		
Engl 1301 Composition I			Biol 1106 Biology for Science Majors I Lab (1sh)		
Engl 1302 Composition II			Biol 1307 Biology for Science Majors II AND		
Government			Biol 1107 Biology for Science Majors II Lab (1sh)		
Govt 2301 Amer Govt 1: Fed & TX Constitution			8sh Approved LD Biology Electives		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Chem 1311 General Chemistry I AND		
History			Chem 1111 General Chemistry I Lab (1sh)		
Hist 1301 U.S. History I			Chem 1312 General Chemistry II AND		
Hist 1302 U.S. History II			Chem 1112 General Chemistry II Lab (1sh)		
Natural Science (6sh) from:			Biol 307 General Ecology		
(See Major)			Biol 308 Invertebrate Zoology		
Math			Biol 310 Genetics		
Math 1314 College Algebra			Biol 402 Cell Biology		
Fine Arts (3sh) from:			Biol 466 Evolutionary Biology		
Arts 1301 Art Appreciation			Biol 481 Senior Seminar		
Dram 1310 Introduction to Theater			9sh UD Biology Electives		
Musi 1306 Music Appreciation					
Social Science (3sh) from:					
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2308 Child Psychology					
Psyc 2301 General Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3sh) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Other (6sh) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking 1					
			PROFESSIONAL DEVELOPMENT		
			(THEA or TASP must be passed before enrollment in Ed/Sped course work.)		
			Ed 311 Growth and Development EC-12		
			Ed 321 Foundations of Education		
			Ed 331 Classroom & Behavior Management		
			Ed 435 Curriculum		
			Ed 493 Grades 8-12 Teaching Practicum (6sh)		
			Sped 418 Research, Issues & Trends in ED		
			OTHER REQUIREMENTS		
			Math 2342 Elementary Statistical Methods		
			ITED 350 Tech for Instruction, Learning, and Communication		
			Rdg 343 Reading Beyond the Primary Grades		
			Sped 410 Characteristics of Diverse Learners		
			TOTAL HOURS FOR DEGREE: 120		
			A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg and Sped courses		

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

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|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12sh in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="font-size: small;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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This worksheet is not a degree plan and should be used for informational purposes only.

Contact: Dr. Glenda Ballard, CELA Dean, (903) 223-3073, glenda.ballard@tamut.edu

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: ENGLISH

GRADES 8-12
ENG. LANG. ARTS AND RDG.
TEACHING FIELD

NAME:

CWID:

GENERAL EDUCATION	Hours	Earned	Reqd	GRADE 8-12 ENG. LANG. ARTS AND RDG.	Hours	Earned	Reqd
English(See Major)				English			
Government				Engl 1301 Composition I			
Govt 2301 Amer Govt I: Fed & TX Constitution				Engl 1302 Composition II			
Govt 2302 Amer Govt II: Fed & TX Pol Behavior				Engl 2332 World Literature I			
History				Engl 2333 World Literature II			
Hist 1301 U.S. History I				Engl 2360 Intro to Lit Studies			
Hist 1302 U.S. History II				Eng 312 Shakespeare			
Natural Science (6 SCH) from:				Eng 320 Understanding Grammar			
Biol 1306 Biology for Science Majors I				Eng 424 History & Grammar of English Lang			
Biol 1307 Biology for Science Majors II				Eng 340 Adv Expository Writing			
Biol 1308 Biology for Non-Science Majors I				Eng 441 Adv Survey of Amer Literature I			
Biol 1309 Biology for Non-Science Majors II				Eng 442 Adv Survey of Amer Literature II			
Chem 1311 General Chemistry I				Eng 471 Adv Survey of British Literature I			
Chem 1312 General Chemistry II				Eng 472 Adv Survey of British Literature II			
Phys 1301 College Physics I				Eng 450 Studies in Genre			
Phys 1302 College Physics II				Eng 491 Capstone in English Studies (1 SCH)			
Phys 2325 University Physics I				Reading			
Phys 2326 University Physics II				Rdg 343 Reading Beyond Primary Grades			
Math (3 SCH) from:				Rdg 350 Emergent Literacy Development			
Math 1314 College Algebra				Rdg 352 Literacy Development for Upper Grades			
Math 1324 Math for Business & Social Sciences				6 SCH from:			
Math 2413 Calculus I				Eng 430 Images of Women in Literature			
Fine Arts (3 SCH) from:				Eng 450 Studies in Genre (may be repeated under different genre)			
Arts 1301 Art Appreciation				Eng 489 Individual Study			
Dram 1310 Introduction to Theater				Eng 497 Special Topics			
Musi 1306 Music Appreciation				PROFESSIONAL DEVELOPMENT			
Social Science (3 SCH) from:				(THEA or TASP or Accuplacer must be passed before enrollment in Ed/Sped course work.)			
Econ 2301 Prin of Macroeconomics				Ed 311 Growth & Development EC-12			
Geog 1303 World Regional Geography				Ed 321 Foundations of Education			
Psyc 2308 Child Psychology				Ed 331 Classroom Management & Behavior			
Psyc 2301 General Psychology				Ed 435 Curriculum			
Soci 1301 Introductory Sociology				Ed 493 Grades 8-12 Teaching Practicum (6 SCH)			
Soci 2319 Minority Studies I				Sped 418 Research, Issues, & Trends in Ed			
Humanities (3 SCH) from:				OTHER REQUIREMENTS			
Engl 2341 Forms of Literature				ITED 350 Tech for Instruction, Learn, & Comm			
Hist 2321 World Civilization I				Sped 410 Char of Diverse Learners			
Hist 2322 World Civilization II				3 SCH UD or LD Electives			
Span 1311 Beginning Spanish I				TOTAL HOURS FOR DEGREE: 121			
Other (3 SCH) from:				A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg, and Sped courses.			
Engl 2341 Forms of Literature							
Span 1311 Beginning Spanish I							
Span 1312 Beginning Spanish II							
Spch 1315 Public Speaking I							

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

1. Application to Teacher Preparation Program via TK20
 2. GPA requirement of 2.70 cumulative
 3. 12 SCH in content area with no grade below 'C'
 4. Demonstration of College Skills-See Website
 5. Interviews with Content Advisor & Secondary Certification Advisor
 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350
 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement
- Admittance based on rubric point scale. Students may appeal decision.

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

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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: HISTORY

GRADES 8-12
HISTORY
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours Earned	Hours Req'd	GRADE 8-12 HISTORY	Hours Earned	Hours Req'd
English			Hist 1301 U.S. History I		
Engl 1301 Composition I			Hist 1302 U.S. History II		
Engl 1302 Composition II			Hist 2321 World Civilizations I		
Government			Hist 2322 World Civilizations II		
Govt 2301 Amer Govt I: Fed & TX Constitution			Geog 1303 World Regional Geography		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Hist 460 Texas Culture		
History (See Major)			9 SCH UD United States History from:		
			Hist 328 Colonial & Revolutionary America		
			Hist 419 American Social & Intellectual Hist		
			Hist 428 US in the 20th Century		
			Hist 434 Civil War & Reconstruction		
Natural Science (6 SCH) from:			6 SCH UD European History from:		
Biol 1306 Biology for Science Majors I			Hist 310 Ancient World		
Biol 1307 Biology for Science Majors II			Hist 312 Medieval Civilization		
Biol 1308 Biology for Non-Science Majors I			Hist 314 Renaissance & Reformation		
Biol 1309 Biology for Non-Science Majors II			Hist 330 History of Nazi Germany		
Chem 1311 General Chemistry I			Hist 345 World of King Arthur & Robin Hood		
Chem 1312 General Chemistry II			Hist 352 Europe, 1920-Present		
Phys 1301 College Physics I			6 SCH UD World History from:		
Phys 1302 College Physics II			Hist 450 Latin America: Colonial Era		
Phys 2325 University Physics I			Hist 451 Modern Latin America		
Phys 2326 University Physics II			Hist 454 Culture & History of Mexico		
Math (3 SCH) from:			Hist 470 20th Century Asia		
Math 1314 College Algebra			6 SCH UD History Electives		
Math 1324 Math for Business & Social Sciences					
Math 2413 Calculus I					
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:					
(See Major for Geog 1303)					
Humanities (3 SCH) from:					
(See Major for Hist 2321)					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Span 1311 Beginning Spanish I					
Span 1312 Beginning Spanish II					
Spch 1315 Public Speaking					
A Grade of 'C' or higher is required in ALL Major Courses, Ed, Rdg, and Sped courses.					
			PROFESSIONAL DEVELOPMENT		
			(THEA or TASP must be passed before enrollment in Ed/Sped course work.)		
			Ed 311 Growth and Development EC-12		
			Ed 321 Foundations of Education		
			Ed 331 Classroom & Behavior Management		
			Ed 435 Curriculum		
			Sped 418 Research, Issues & Trends in ED		
			Ed 493 Grades 8-12 Teaching Practicum (6 SCH)		
			OTHER REQUIREMENTS		
			ITED 350 Tech for Instruct., Learn. & Comm.		
			Rdg 343 Reading Beyond the Primary Grades		
			Sped 410 Characteristics of Diverse Learners		
			ELECTIVES to meet minimum degree requirements		
			TOTAL HOURS FOR DEGREE: 120		

Note: A minimum of 54 UD hours are requested for this degree. Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="font-size: small;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: HISTORY

GRADES 8-12
SOCIAL STUDIES
TEACHING FIELD

NAME: _____

CWID: _____

GENERAL EDUCATION	Hours	Earned	Reqd	GRADE 8-12 SOCIAL STUDIES	Hours	Earned	Reqd
English				Econ 2301 Principals Macroeconomics			
Engl 1301 Composition I				Econ 2302 Principals of Microeconomics			
Engl 1302 Composition II				Geog 1303 World Regional Geography			
Government (See Major)				Govt 2301 Amer Govt 1: Fed & TX Constitution			
History				Govt 2302 Amer Govt II: Fed & TX Pol Behavior			
Hist 1301 U.S. History I				Hist 2321 World Civilizations I			
Hist 1302 U.S. History II				Hist 2322 World Civilizations II			
Natural Science (6 SCH) from:				Hist 460 Texas Culture			
Biol 1306 Biology for Science Majors I				6 SCH UD Political Science Electives			
Biol 1307 Biology for Science Majors II							
Biol 1308 Biology for Non-Science Majors I				9 SCH UD United States History from:			
Biol 1309 Biology for Non-Science Majors II				Hist 328 Colonial & Revolutionary America			
Chem 1311 General Chemistry I				Hist 419 American Social & Intellectual Hist			
Chem 1312 General Chemistry II				Hist 428 US in the 20th Century			
Phys 1301 College Physics I				Hist 434 Civil War & Reconstruction			
Phys 1302 College Physics II				6 SCH UD European History from:			
Phys 2325 University Physics I				Hist 310 Ancient World			
Phys 2326 University Physics II				Hist 312 Medieval Civilization			
Math (3 SCH) from:				Hist 314 Renaissance & Reformation			
Math 1314 College Algebra				Hist 330 History of Nazi Germany			
Math 1324 Math for Business & Social Sciences				Hist 345 World of King Arthur & Robin Hood			
Math 2413 Calculus I				Hist 352 Europe, 1920-Present			
Fine Arts (3 SCH) from:				6 SCH UD World History from:			
Arts 1301 Art Appreciation				Hist 450 Latin America: Colonial Era			
Dram 1310 Introduction to Theater				Hist 451 Modern Latin America			
Musi 1306 Music Appreciation				Hist 454 Culture & History of Mexico			
Social Science (3 SCH) from:				Hist 470 20th Century Asia			
(See Major for Geog 1303)							
Humanities (3 SCH) from:				PROFESSIONAL DEVELOPMENT			
(See Major for Hist 2321)				(THEA or TASP must be passed before enrollment in Ed/Sped course work.)			
Other (6 SCH) from:				Ed 311 Growth and Development EC-12			
Engl 2332 World Literature I				Ed 321 Foundations of Education			
Engl 2333 World Literature II				Ed 331 Classroom & Behavior Management			
Engl 2341 Forms of Literature				Ed 435 Curriculum			
Span 1311 Beginning Spanish I				Sped 418 Research, Issues & Trends in ED			
Span 1312 Beginning Spanish II				Ed 493 Grades 8-12 Teaching Practicum (6 SCH)			
Spch 1315 Public Speaking				OTHER REQUIREMENTS			
A Grade of 'C' or higher is required in ALL Major Courses, Ed, Rdg, and Sped courses.				ITED 350 Tech for Instr., Learning, and Commun			
				Rdg 343 Reading Beyond the Primary Grades			
				Sped 410 Characteristics of Diverse Learners			
				ELECTIVES to meet minimum degree requirements			
				TOTAL HOURS FOR DEGREE: 120			

Note: Resident credit totaling 25% of hours is required for degree.

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="font-size: small;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
BACHELOR OF SCIENCE (BS)
MAJOR: MATHEMATICS**

**GRADES 8-12
MATHEMATICS
TEACHING FIELD**

NAME:

CWID:

GENERAL EDUCATION	Hours Earned	Reqd	GRADE 8-12 MATHEMATICS	Hours Earned	Reqd
English			Math 2412 Pre-Calculus (4 SCH)		
Engl 1301 Composition I			OR		
Engl 1302 Composition II			Math 1314 College Algebra AND		
Government			Math 1316 Plane Trigonometry		
Govt 2301 Amer Govt 1: Fed & TX Constitution			Math 2305 Discrete Mathematics		
Govt 2302 Amer Govt II: Fed & TX Pol Behavior			Math 2342 Elementary Statistical Methods		
History			Math 2413 Calculus I (4 SCH)		
Hist 1301 U.S. History I			Math 2414 Calculus II (4 SCH)		
Hist 1302 U.S. History II			Math 2415 Calculus III (4 SCH)		
Natural Science (8 SCH) from:			Math 321 Modern Geometry		
Biol 1306 Biol for Science Major I AND			Math 334 Intro. To Abstract Algebra		
Biol 1106 Biology I Lab (1 SCH)			Math 335 Linear Algebra		
Biol 1307 Biol for Science Major II AND			Math 426 Problem Solving		
Biol 1107 Biology II Lab (1 SCH)			Math 430 Mathematical Modeling		
Chem 1311 General Chemistry I AND			Math 437 Number Theory		
Chem 1111 Gen. Chemistry Lab (1 SCH)			Math 457 Probability & Statistics		
Chem 1312 General Chemistry II AND			Math 493 Capstone in Mathematics		
Chem 1112 Gen. Chemistry Lab (1 SCH)					
Phys 2325 University Physics I AND					
Phys 2125 Univ. Physics I Lab (1 SCH)					
Phys 2326 University Physics II AND					
Phys 2126 Univ. Physics II Lab (1 SCH)					
Fine Arts (3 SCH) from:					
Arts 1301 Art Appreciation					
Dram 1310 Introduction to Theater					
Musi 1306 Music Appreciation					
Social Science (3 SCH) from:					
Econ 2301 Prin of Macroeconomics					
Geog 1303 World Regional Geography					
Psyc 2308 Child Psychology					
Psyc 2301 General Psychology					
Soci 1301 Introductory Sociology					
Soci 2319 Minority Studies I					
Humanities (3 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
Hist 2321 World Civilization I					
Hist 2322 World Civilization II					
Span 1311 Beginning Spanish I					
Other (6 SCH) from:					
Engl 2332 World Literature I					
Engl 2333 World Literature II					
Engl 2341 Forms of Literature					
			PROFESSIONAL DEVELOPMENT		
			(THEA or TASP must be passed before enrollment in Ed/Sped course work)		
			Ed 311 Growth and Development EC-12		
			Ed 321 Foundations of Education		
			Ed 331 Classroom & Behavior Management		
			Ed 435 Curriculum		
			Sped 418 Research, Issues & Trends in ED		
			Ed 493 Grades 8-12 Teaching Practicum (6 SCH)		
			OTHER REQUIREMENTS		
			COSC 1315 Introduction to Computer Science		
			ITED 350 Tech for Instruction, Learning, and Communication		
			Rdg 343 Reading Beyond the Primary Grades		
			Sped 410 Characteristics of Diverse Learners		
			A Grade of 'C' or higher is required in ALL Major courses, Ed, Rdg and Sped courses.		
			Note: Resident credit totaling 25% of hours is required for degree.		
			(continued) Other (6 SCH) from:		
			Span 1311 Beginning Spanish I		
			Span 1312 Beginning Spanish II		
			Spch 1315 Public Speaking 1		
			TOTAL HOURS FOR DEGREE: 120		

TEACHER ED PROGRAM ADMISSION REQUIREMENTS: Apply 3rd Year, 1st Semester

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Application to Teacher Preparation Program via TK20 2. GPA requirement of 2.70 cumulative 3. 12 SCH in content area with no grade below 'C' 4. Demonstration of College Skills-See Website 5. Interviews with Content Advisor & Secondary Certification Advisor | <ol style="list-style-type: none"> 6. 2 Oral Language References from face-to-face instructors from Ed 321, Ed 311, Sped 410 or Rdg 350 7. Complete: Teacher Prep Orientation; Writing Sample; Disposition Survey; Code of Ethics Reflection Statement <p style="text-align: center;">Admittance based on rubric point scale. Students may appeal decision.</p> |
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Contact: Dr. Glenda Ballard, CELA Dean, (903) 223-3073, glenda.ballard@tamut.edu

GRADUATE STUDIES

Information about Graduate Studies can be found at the following link:

<http://www.tamut.edu/graduate-studies/index.html>

Oversight of all graduate degrees is provided through the respective colleges and the Provost and Vice President for Academic Affairs (VPAA).

Information about the degree program requirements for each college for 2012-13 can be found by viewing the individual degree program worksheet 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)
 - Instruction Technology (MS with Master Technology Teacher Certification)
- Interdisciplinary Studies (MSIS)
 - Concentration in Criminal Justice (MSIS)
 - Concentration in Psychology (MSIS)
- Licensed Professional Counseling (MS)
- School Counseling (MS)

College of Business

- Business Administration (MBA)

College of Sciences, Technology, Engineering, and Mathematics

- Nursing (MSN)

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

NAME: _____ CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Course				
AE	595	Research Methods		
or				
ED	520	Education Research Literature and Techniques		
Major Courses				
AE	525	History and Philosophy of Adult & Higher Ed		
AE	526	Adult Learning and Development		
AE	527	Program Planning		
AE	528	Instructional Design and Methodology		
AE	529	Leadership of Educational Organizations		
AE	588	Graduate Capstone: Teaching/Training Symposium		
AE	597	Special Topics		
9 SCH from one of the professional focus areas below:				
Human Resource Development				
Instructional Technology				
Higher Education				
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 positive letters of academic recommendation
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. 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: 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	Evaluating Learning		
ED	551	Effective 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	503	Instructional Delivery for Diverse Learners		
18 SCH Approved electives in one or two *areas of concentration				
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Areas of concentration include education, English, history, mathematics, science, mathematics education, science education, arts, reading, adult education, and 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. 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: 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	525	Special Education Law *		
SPED	540	Introduction to Individuals with Exceptionalities		
SPED	549	Achievement Assessment (4 SCH)		
SPED	597	Contemporary Issues in SPED (1 SCH)		
Supporting Courses				
SPED	520	Technology for Inclusion		
SPED	541	Assessment & Instructional Planning		
SPED	542	Methods for Exceptional Learners (4 SCH) **		
SPED	566	Behavior Management and Motivation *		
RDG	562	Prescriptive Reading		
RDG	563	Teaching Reading in the Content Areas		
PSY	543	Human Growth and Development		
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Prerequisite: Introduction to Exceptional Children Course (graduate/undergraduate) within last 5 years

** Prerequisite: Statistical methods course (may be undergraduate)

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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. 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

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	557	Innovative Learner-Centered Strategies		
SPED	525	Special Education Law *		
SPED	540	Introduction to Individuals with Exceptionalities		
SPED	549	Achievement Assessment (4 SCH)		
SPED	597	Contemporary Issues in SPED (1 SCH)		
SPED	597	Contemporary Issues in SPED (1 SCH)		
Supporting Courses				
SPED	520	Technology for Inclusion		
SPED	541	Assessment of Processing and Learning		
SPED	542	Methods for Exceptional Learners		
SPED	566	Behavior Management and Motivation *		
	6 SCH	in an approved area of concentration		
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Prerequisite: Introduction to Exceptional Children Course (graduate/undergraduate) within last 5 years

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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. 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; CERTIFICATION: READING
SPECIALIST**

NAME: _____

CWID: _____

Requirements

			Completed	Yet Required
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluating Learning		
ED	551	Effective 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		
	or			
ED	593	Teaching in a Multicultural Setting		
	or			
ITED	503	Instructional Delivery for Diverse Learners		
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		
PSY	543	Human Growth and Development		
Total Semester Credit Hours (SCH) Required for Degree: 36				

Reading Specialist 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. 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: CURRICULUM AND INSTRUCTION; CERTIFICATION: MASTER
MATHEMATICS TEACHER (MMT)

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Interdisciplinary Core Courses				
ED	520	Education Research Literature and Techniques		
Major Courses				
ED	547	Evaluating Learning		
ED	573	Leadership and Mentoring in Education		
3 SCH from the following two courses:				
ED	551	Effective Strategies for Student Success		
ED	597	Special Topics		
3 SCH from the following two courses:				
ED	590	Curriculum Alignment for School Improvement		
ED	597	Special Topics		
3 SCH from the following three courses:				
ED	577	Public School Law for Teachers		
ED	593	Teaching in a Multicultural Setting		
ITED	511	Teaching with Emerging Technologies		
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, English, history, mathematics, science, mathematics education, 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. 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: 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	Evaluating Learning		
ED	551	Effective 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	503	Instructional Delivery for Diverse Learners		
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, 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Teri Fowler, (903) 223-3126, teri.fowler@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	570**	Texas School Law		
EDAD	574**	Admin of Special & Compensatory Prog		
EDAD	580**	The Principalship, Campus, and Community		
EDAD	588**	Internship		
Total Semester Credit Hours Required for Degree: 30				

* Students are eligible to substitute courses for these requirements with evidence that they have successfully completed a research and curriculum course in a previous graduate degree.

**Students with a graduate degree in an appropriate field may earn principal certification by taking these courses.

Transfer of no more than 12 SCH will be accepted. Courses must be from a TEXAS institution, and students 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
- * Three positive letters of academic recommendation
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. John Hamilton (903)223-3161; john.hamilton@tamut.edu

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 courses)		
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 courses)		
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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Doris Davis, (903) 223-3031; doris.davis@tamut.edu

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		
HIST	501	Methods and Principles of Historical Research		
Approved History Electives				
30 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
- * Positive record of life and professional experiences documented by an essay not to exceed 700 words
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. 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**

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	550	Capstone 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Bosede Aworuwa (903) 223-3166; bosede.aworuwa@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	550	Capstone 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Bosede Aworuwa (903) 223-3166; bosede.aworuwa@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 Project		
12-18 SCH	Area of Concentration			
6-12 SCH	In a subject area OUTSIDE the Area of Concentration			
6-12 SCH	In a subject area OUTSIDE the Area of Concentration and first subject area			

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 Concentration			
6-12 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

- * 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Sara Lawrence (903) 223-3095; sara.lawrence@tamut.edu

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

			<u>Completed</u>	<u>Yet Required</u>
Required Courses				
CJ	510	Criminal Justice Ethics		
CJ	521	Seminar in Policing		
CJ	547	Seminar in Corrections		
CJ	570	Seminar in Justice Administration		
CJ Electives				
CJ	480	Criminological Theories		
CJ	485	Seminar in Criminal Justice		
2nd Area (0-6 SCH)				
3rd Area (6-12 SCH)				
Research				
IS	595	Research Literature and Techniques		
IS	596	Special Topics		
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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Godpower Okereke (903) 223-3163; godpower.okereke@tamut.edu

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

MAJOR: INTERDISCIPLINARY STUDIES; CONCENTRATION: PSYCHOLOGY

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Required Courses				
PSY	503	Psychology of Behavior Disorders		
PSY	516	Psychological Theories of Learning		
PSY	535	Behavior Modification		
PSY	543	Human Growth and Development		
PSY	560	Clinical Assessment		
PSY	575	Ethics in Counseling and Psychology		
6 SCH		2nd Area*		
6 SCH		3rd Area*		
Research				
IS	595	Research Literature and Techniques		
IS	596	Special Topics		
Total Semester Credit Hours (SCH) Required for Degree: 36				

* Counseling cannot serve as an area of concentration for this degree program.

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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Tommie Hughes (903) 223-3016; tommie.hughes@tamut.edu

**TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: LICENSED PROFESSIONAL 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		
COUN	585	Crisis Intervention		
PSY	503	Psychology of Behavior Disorders		
PSY	516	Psychological Theories of Learning		
PSY	540	Research Literature and Techniques		
PSY	543	Human Growth and Development		
PSY	560	Psychological Testing		
PSY	575	Ethics in Counseling & Psychology		
PSY	578	Marriage and Family		
PSY	579	Psychopharmacology for Counselors		
3 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 EDUCATION AND LIBERAL ARTS
MASTER OF SCIENCE DEGREE (MS)
MAJOR: SCHOOL 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		
COUN	517	Assessment in Counseling		
COUN	520	Counseling Diverse Populations		
COUN	523	School Counseling		
COUN	525	Practicum		
COUN	526	Internship (3 SCH)		
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	560	Psychological Testing		
PSY	575	Ethics in Counseling & Psychology		
	6 SCH	Electives in Counseling and/or Psychology		
Total Semester Credit Hours (SCH) Required for Degree: 48				

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
- * 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. Bill McHenry, (903) 223-3015; william.mchenry@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

TEXAS A&M UNIVERSITY-TEXARKANA
COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
MASTER OF SCIENCE DEGREE (MSN)
MAJOR: NURSING

NAME: _____

CWID: _____

Requirements

			<u>Completed</u>	<u>Yet Required</u>
Major Courses				
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

- * 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
- * Positive record of life and professional experiences
- * Letter of interest and commitment
- * Students will complete an on-site writing sample.
- * 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. Shirley Garick, (903) 223-3107, shirley.garick@tamut.edu

Admission to Graduate Studies

1. Complete a university application for admission using the Texas Common Application. This application can be completed online at www.ApplyTexas.org.
2. Request official transcripts. Transcripts must be mailed directly to the Office of Admission 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 Graduate Studies Office). This card must be signed by a faculty member or college dean and submitted 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 website for program requirements at <http://www.tamut.edu/graduate-studies/index.html>. Criteria may vary among graduate programs.
5. Degree seeking students are required to submit a *graduate program application* to the Office of Graduate Studies by the designated deadline. Future registration will be contingent on completion.
6. Students are responsible for obtaining and submitting the above information by the designated deadline.
7. Students who do not meet the initial program admissions requirements may be provisionally admitted to the University through 12 semester credit hours (SCH) in a specific discipline.
8. A program may limit admission to courses in the program to students who have been formally admitted to the program.

Non-Degree Students

Graduate students who are not currently seeking a degree are encouraged to contact the Office of Graduate Studies 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

It is the applicant's responsibility to see that official transcripts are provided from colleges and universities attended and/or the high school transcript showing graduation. Students **CANNOT** disregard any part of their college record except under provisions of the Academic Fresh Start policy. Failure to list all institutions and submit transcripts will be considered an intentional omission and could result in administrative withdrawal from the University. Transcripts are considered official only when they bear the signature of the Registrar and the seal of the issuing school. Transcripts may be mailed directly to the Office of Admissions from the Registrar's

Office of each school attended. Transcripts hand carried or mailed by the student must be in an envelope clearly sealed by the issuing university. Records from one institution posted on a transcript from a second institution cannot be used for admissions purposes.

Any work attempted at another college subsequent to admission to the University must be submitted whether or not credit was earned. Transcripts become the property of the University and **CANNOT** be returned to the student. They will be kept on file for one year **ONLY** if the student does not enroll.

Degree seeking students must submit official transcript(s) showing possession of at least a bachelor's degree from a regionally accredited institution. Transcripts reflecting any graduate course work are also required. The transcript is required even if enrolled only in undergraduate courses. Please note that additional transcripts may be required at any time.

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

Advisement and Degree Planning

Students are encouraged to contact the Office of Graduate Studies to obtain a list of items required for the graduate program admission. This includes information regarding admission criteria, program requirements, deadlines, and general information for graduate studies. It is not necessary to make an appointment for this session, but it is recommended for the convenience of the student. Students are encouraged to direct specific program questions to appropriate faculty and/or college dean.

Students must complete and submit the required paperwork to the Office of Graduate Studies by the designated deadline. This varies by program, and deadlines can be obtained from the Office of Graduate Studies. This graduate program packet will be submitted to the Admissions Committee of the appropriate college for consideration. The Admissions Committee will do one of the following: (a) grant full admission, (b) grant provisional admission, or (c) reject the application.

- Students will be notified by letter of their program admission status.
- If full admission is granted, the student will be informed 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. The draft of the degree plan will be forwarded to the Office of Graduate Studies for processing. Once the plan has signatures indicating final approval, a copy will be mailed to the student. 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/her advisor, he/she should contact the appropriate college office or the Office of Graduate Studies for assistance.
- If provisional admission is granted, the student will be allowed a maximum of three years to complete 12 SCH of graduate course work and have the application considered for a second time. The student **must** maintain a Grade Point Average (GPA) of 3.0 or better for an application to be reconsidered for full admission. Students should contact the college office or the Office of Graduate Studies for assistance.

Any subsequent changes or course substitution for degree plans must be approved in writing and be on file in the Office of Graduate Studies prior to enrollment in the course(s). Students must contact their faculty advisor or the Office of Graduate Studies concerning these requests. It is necessary to have written approval from the advisor/college dean on file in the Office of Graduate Studies.

If the thesis option is chosen, the student must have on file in the Office of Graduate Studies a copy of the plan with all advisory committee signatures. This option allows six SCH for satisfactory completion of a thesis.

Correspondence course credit cannot be used 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.

Particular attention should be paid to:

- 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

Scholastic Standards

A minimum 3.00 GPA is required to remain in academic good standing.

Probation

A regularly enrolled graduate student will be placed on probation after completion of 12 SCH of work when the cumulative grade point average drops below 3.00. The student will remain on probation until the cumulative grade point average is raised to 3.00 or above.

A “Placed on Probation” statement will be printed 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 being placed on 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 student will be placed on academic probation at re-entry and must maintain a cumulative GPA of 3.00 or higher. If the student falls below the 3.00 during any semester, the student will be suspended for

another one-year period. The student may appeal the status of scholastic suspension through the VPAA.

Note: Enrollment restrictions as a result of suspension and/or probation are imposed 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 student will be withdrawn 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 from which the student was suspended. The statement must indicate that the institution would recommend early re-entry. The dean of the college will forward his/her recommendation to the VPAA for admission. In cases of disciplinary suspension, the VPSES will appoint a committee to review the student’s application for admission. The VPSES may then refuse admission based on the committee’s recommendation or the VPSES’ review of the case.

Admission may be refused if the University determines:

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

Cases of expulsion (or suspension without time limit) will be reviewed on an individual basis. Appeals will be handled by the VPAA.

Thesis

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

The thesis is prepared according to instructions provided by the advisor and the college dean. If the thesis is not completed 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.

This registration is not required in those instances which would result in an overload. Credit for no more than six SCH will be given 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.** This is determined within the appropriate college, and the student should discuss this with program faculty and the college dean prior to submitting the **change of degree declaration.**

3. Students should contact the Office of Graduate Studies if assistance is needed.

Degree Plan Revisions and Extensions

1. **Revising** or **extending** a degree plan is possible with proper approval from the advisor and/or college dean. It is possible the student **may have to re-apply for admission according to current program admission criteria** when revising a degree plan. This is determined within the appropriate college, and the student should discuss this with the advisor and/or college dean. The Office of Graduate Studies must be contacted by the student's advisor or given written documentation how to proceed.

2. A **revision** or **extension** may be recommended if the student has been inactive and returns to complete his/her program, but the degree plan has recently expired or will expire before they can properly complete the program. An extension is generally allowed if the student is within 3-9 hours of completion and the advisor and/or college dean feels it can be completed within 1-2 semesters. Otherwise, the degree plan would have to be revised.

3. Revisions may be recommended when changes need to be made within the specialization area, subject area, or area of concentration of the degree plan.

4. Students should contact the Office of Graduate Studies if assistance is needed.

Applying For Graduation

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

Graduation Requirements

The following is a checklist used by University staff to determine eligibility for graduation. A checklist to validate progress is listed below:

1. Completion of an approved master's degree program. Students must follow the Official Degree Plan issued by A&M-Texarkana. (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. No more than 12 SCH of graduate level course work may be transferred from another regionally accredited institution and have those credits applied toward a master's degree at A&M-Texarkana.

3. No more than 6 SCH of special format courses (597, 589, and/or 529) applied to degree requirements.
4. No more than 9 SCH of S/U graded courses may be applied to degree requirements.
5. Courses taken more than five years prior to admission to Graduate Studies may not apply to a degree. The dean may give special approval to apply such courses to a particular degree.
6. Degree plan must not be over five years old.
7. All “X” grades must be completed prior to graduation.
8. 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;
 - d. 3.00 or above on all graduate course work.

Note: No grades lower than “C” will count toward a graduate degree but will be calculated in the GPA. A course with a grade of “D” or “F” is considered completed and will be reflected in the GPA.

9. All graduate course work taken prior to graduation will be calculated in the final grade.
10. Upon recommendation of the instructor, and approval of the college dean, a maximum of two 400-level undergraduate courses may be applied toward fulfillment of graduate degree requirements. When taking a 400-level course for graduate credit, the student will be expected to 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. Comprehensive Exam. Students may be required by the specific college 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, a minimum grade must be earned 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 is required by the advisor to correct the deficiencies. If failed a second time, the exam may not be taken 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. Submit the completed application for graduation and pay fees by date published in the Schedule of Classes.
13. All official transcripts must be on file with the Office of the Registrar.

14. A student may not be enrolled in any academic course off-campus during the term of graduation. This includes cross-registered courses and courses completed through the Course Exchange Program.

Enrollment in Undergraduate Course For Graduate Credit

The application of 400-level undergraduate courses to master's degree programs is justified by the need for flexibility in program offerings to meet the highly varied requirements of students. 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/or breadth of study and quantitative differences describe the increased amount of work necessary. Specific differences and objectives must be listed clearly on the form in order to secure approval from the supervising faculty member and college dean. The form must be returned to the Admissions Office prior to the first class day to complete enrollment.

This option is not permitted for the purpose of meeting "leveling" or prerequisite requirements for a graduate degree. No more than two courses completed in this manner may be applied toward fulfillment of graduate degree requirements.

Transfer of Credit

A maximum of 12 SCH of graduate level course work may be accepted as transfer credit from another regionally accredited institution if approved by the student's advisor and dean of the college. Transfer credit can only be accepted for courses in which the student earns a grade of "C" or better and courses in which credit was earned 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 or another regionally accredited graduate school may earn a second master's degree by meeting the following requirements:

1. Apply to program under current admission criteria.
2. Completion of a minimum of 24 additional SCH of graduate level courses (this is assuming 12 SCH are applied from the first master's degree by the advisor and college dean).
3. Satisfactory completion of all requirements for the degree sought.
4. Completion of SCH required for the degree. Comprehensive examinations for the second master's degree will be administered 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.

COURSE DESCRIPTIONS

Descriptions of courses offered by the three colleges at A&M-*Texarkana* can be found below:

- College of Business
- College of Education and Liberal Arts
- College of Science, Technology, Engineering, and Mathematics

COURSE DESCRIPTIONS

College of Business--Undergraduate Course Descriptions

Accounting (ACCT)

- 2301. Principles of Accounting I.** 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.** A study of how accounting data is used by management 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.
- 289. Independent Study in Accounting.** Individual instruction. May be repeated when topics vary.
- 321. Intermediate Accounting I.** 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.
- 322. Intermediate Accounting II.** A continuation of Accounting 321 includes such topics as fixed assets and depreciation, intangibles, liabilities, stockholders equity, earnings per share and investments. Prerequisite: ACCT 321.
- 323. Intermediate Accounting III.** 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 322.
- 324. Income Tax Accounting.** Addresses current federal income tax laws with attention given to economic, social and historic viewpoints. Major emphasis is placed on the technical and accounting aspects, including the preparation of income tax returns. Prerequisite: ACCT 2301 and 2302.
- 325. Managerial Accounting.** 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.** A discussion of nonprofit accounting to include the fund entity concept used primarily for accounting and financial reporting for municipalities, hospitals, colleges and other nonprofit organizations. In addition, partnership accounting will be covered to include income distributed, dissolution and liquidation. Prerequisite: ACCT 321.
- 422. Advanced Accounting.** 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.** The 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. It also gives the student a basic understanding of how to do income tax research. Prerequisite: ACCT 324.
- 425. Cost Accounting.** 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.
- 427. Auditing.** This course examines the basic principles and practices used by public accountants and internal auditors in examining financial statements and supporting data. Prerequisite: ACCT 322 and 429 with grades of C or better.
- 429. Accounting Systems.** The investigation, construction and installation of accounting systems. Students will receive hands on experience with a computerized accounting system. Prerequisite: ACCT 322.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.

Business Computer Information Systems (BCIS)

- 1305. Business Computer Applications.** This course affords students hands-on experience utilizing Microsoft Office to address business concerns. Specifically, Word, Excel, Access, and Power Point applications are addressed through instruction, lab assignments, and presentations. This course should be taken during the first year of enrollment.

Business (BUSI)

- 2301. Business Law.** Legal principles of business; legal reasoning; dispute resolution and procedure; contract law; bankruptcy law; Uniform Commercial Codes sections concerning contracts, security interest, negotiable instruments, and sales. Prerequisite: Sophomore standing.

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.** 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 government.

Finance (FIN)

- 325. Money, Banking, and Financial Markets.** A study of the American banking system. In particular, the Federal Reserve System and the tools it uses to control the economy. A study of the theories of fiscal and monetary policy. Prerequisite: ECON 2301 and 2302.
- 354. Financial Management.** The organization, the instruments, and 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, ECON 2301 and 2302.
- 464. Principles of Investments.** Introduction to the basic principles of investing that includes study of the behavior of securities markets mechanics of stock analysis and investing, decision making techniques, and risk.
- 470. International Finance.** 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.** An advanced analysis of the sources and uses of funds by corporations. Emphasis is on security valuation techniques, long-term investment decisions, capital structure decisions and dividend policy. Prerequisite: FIN 354.
- 484. Financial Institutions Management.** 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.** Individual instruction. May be repeated when topics vary.
- 494. Security Analysis and Portfolio Management.** 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 354 and 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. The course is primarily designed for health care supervision/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.** Designed to allow students to explore problems and challenges in international business. Students are given the opportunity to visit with representatives of various international companies during a field trip.
- 450. Business Ethics.** 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 on the decision process in the functional areas of business.
- 456. Social, Political and Legal Environment.** The study of the social, political, and legal environments in which organizations must operate. 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. May repeat for additional 3 hours. Prerequisite: Consent of instructor.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 497. Special Topics.** Organized class. May be repeated when topics vary.

Management (MGT)

- 320. Supply Chain Management.** 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.** The study of human behavior in complex organizations with emphasis on individual, small group, and inter-group behavior and how it affects and is affected by the organization in pursuit of organizational goals.
- 326. Labor Relations.** 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. An important component of this class is the guest lecturers delivered by local organizational leaders. Prerequisite: Sophomore standing and MGT 395.
- 395. Principles of Management.** 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.** A study of the total compensation management systems. Financial considerations emphasized include the environment of the employer organization, organizational policies, job analysis, job evaluation and employee performance and appraisal. Non-financial compensation components are studied from the viewpoint of the work environment and job design. Prerequisite: MGT 395.
- 439. Business Strategy & Policy.** In this capstone course students apply and integrate prior knowledge, i.e., accounting, finance, management, marketing, and economics. It 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. Prerequisite: ECON 2301 and 2302, ACCT 325 or 425, MKT 363, and MGT 395 and Senior standing.
- 444. Field Experience in Business.** Working with a business on a consulting basis, students identify and analyze problem area(s) while gaining experience in business problem solving and project management. Students are expected to define the project and utilize appropriate methodology. At the conclusion a formally written report is prepared and an oral presentation is made to the business owner. Prerequisite: MGT 395.
- 446. Entrepreneurship.** 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.
- 465. Production and Operations Management.** 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.** A survey of modern quantitative techniques in business decision-making. The application of both deterministic and probabilistic models is included. Prerequisite: MATH 2342.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 495. Human Resource Management.** 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 selection process is performed under legal and environmental constraints and addresses the future interests of the organization and of the individual. Prerequisite: MGT 495.

Management Information Systems (MIS)

- 301. Microcomputer Applications in Business.** Affords students hands-on experience with microcomputer operations, worksheets, word processing, and graphical presentations to solve organizational needs. Provides exposure to management of files in a PC network environment. Required of all business majors. Should be taken during the first year of enrollment. Prerequisite: Complete one of the following: BCIS 1305, 1401, or COSC 1301.

- 305. Electronic Commerce.** A study of the practices and methods used in implementing electronic commerce business solutions. Topics will include logistics and support activities, electronic data interchange, electronic supply chain management, and implementation issues. The auction process and web auction strategies will be discussed. Prerequisite: MIS 360.
- 308. Project Management.** A study of the practices and methods used in managing projects. Project elements such as scheduling, organizing, implementing, control, and assessment will be discussed. The course focuses on using project management techniques appropriate for information systems projects. Prerequisite: MIS 360.
- 315. Network Security and Risk Management.** A study of the practices and methods used to evaluate network security. Topics will include internet standards, cryptography, authentication and the use of firewalls. Regulatory requirements, intelligent agents, and messaging security will be discussed. Prerequisite: MIS 360.
- 332. Visual Basic Application Programming with Excel.** The study of automated worksheets to assist organizational decision-making. Topics include macro programming with VBA, management of multiple worksheets, importing/exporting data, and graphics. Financial, statistical, and database functions are also addressed. Prerequisite: BCIS 1305.
- 350. Enterprise Operations Management.** 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. Planning tools for change control, outage, and the role of a hosted data center will be discussed.
- 360. Essentials of Management Information Systems.** Concepts of information systems management. Emphasis is placed on the theory and practice related to the development and operation of information systems in organizations. Course should be taken during the first year of enrollment.
- 362. Systems Analysis and Design.** Study of the methodology for analysis and design of a business information system. Emphasis on critical analysis of existing systems and design of computer based systems. An actual systems analysis is required. Prerequisite: BCIS 1305.
- 366. Fundamentals of Database Systems.** Concepts of relational data models, query processing, and database design theory. Emphasis on data normalization, structured query language (SQL), and application development. Prerequisite: BCIS 1305.
- 430. Website Development.** Students utilize coding and Web development tools to create inter-linked Web pages. Prerequisite: BCIS 1305.
- 450. Principles of Management Information Security.** 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. Reading and cases are used to increase depth of content and analytical perspective concerning law and ethics.
- 473. Internetworking Local Area Networks.** This course should provide a conceptual framework for understanding the structure, function, and performance characteristics of computer networks. The development of network implementation strategies and planning guidelines are also addressed. Fundamentals that define and determine the construction, operation, and maintenance of computer networks are described. Security considerations that appear as networks growing in size and complexity are noted. Important issues and trends impacting the design of computer networks are revealed. Options for expediting effective information delivery are assessed. Applications that alter the way in which information is acquired, stored, and retrieved are explored. Prerequisite: MIS 360.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.

Marketing (MKT)

- 363. Marketing.** 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.** An analysis of the promotion networks of business firms to external publics. Emphasis is on enabling the student to appraise their effectiveness as marketing tools and their social and economic significance. Prerequisite: MKT 363.
- 416. International Marketing.** 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.** Techniques of marketing research, research design, analysis and interpretation of marketing data, questionnaire building, and sampling methods. Emphasis given to selected applications of marketing research. Prerequisite: MKT 363.
- 445. Retailing.** 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.** Policies, operation, coordination and control of marketing activities, with special emphasis on the selection and direction of sales personnel.
- 467. Consumer Behavior.** 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.** Individual instruction. May be repeated when topics vary.

College of Business--Graduate Course Descriptions

Accounting (ACCT)

- 523. Financial Statement Analysis.** The major objective of this course is to present a comprehensive and current treatment of the analysis of financial statements as an aid to decision making for investors and creditors. The major focus is on the objectives of users of financial statements and on the analytical tools and techniques applied by them in reaching significant conclusions and decisions. Prerequisite: ACCT 323.
- 524. Legal, Regulatory, and Ethical Environment of Business.** The study of the legal, regulatory and ethical environments in which organizations must operate. Special emphasis on legal and regulatory institutions, their impact on the operation and performance of business and government, ethical standards and their effect upon business and government.
- 525. Administrative Controls.** A study of the role of accounting in internal management of business firms. Financial statement analysis, fund flow statements, essentials of job order, process cost systems, use of standards and budgeting are covered primarily from the standpoint of manufacturing operations. Prerequisite: ACCT 2301 and 2302.
- 526. Accounting for Managers.** Course covers financial and managerial accounting issues that confront economic entities. It is oriented toward 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.** Individual instruction. May be repeated when topics vary.

Economics (ECO)

- 576. Macroeconomic Theory and Policy.** 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: 3 hours of Principles of Macroeconomics or ECO 577.
- 577. History of Economic Thought.** Seminar in the development of economic thought. The purpose is to acquaint the student with economists who have played an important role in the evolution of economic philosophy and theory.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.

Finance (FIN)

- 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.** An analysis of how financial markets operate and how security prices are determined in these markets provides a base for explaining how financial management can affect the value of the firm; methods of risk analysis and discounted cash flow techniques are emphasized. Cases are used in this course. Prerequisite: FIN 454.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.

General Business (GBUS)

- 597. Special Topics.** Organized class. May be repeated 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. Students are immersed 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.** An introduction to the management of production and operations functions in manufacturing and service organizations. This includes the development of problem solving and decision-making skills directed towards structuring complexity and uncertainty.

Special emphasis will be given 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 & Policy.** 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. Must be taken during the last semester of enrollment. Prerequisite: All MBA background courses.
540. **International Business.** An examination of the opportunities and challenges associated with doing business in the international arena. Special emphasis will be paid to 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 will introduce a variety of quantitative techniques for management decision-making problems. The emphasis will be placed on 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.** Individual instruction. May be repeated when topics vary.
592. **Human Resource Methods.** 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.** 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. Lectures, readings, cases, simulation exercises, and role-playing are used.
597. **Special Topics.** Organized class. May be repeated when topics vary.

Management Information Systems (MIS)

528. **Emerging Technologies in MIS.** Examines technologies that have been identified as emerging and addresses their impact on business organizations and individuals in global environment through a study of contemporary literature. Web-based course. Requires PC skills. Prerequisite: MIS 360.
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.** Individual instruction. May be repeated when topics vary.

Marketing (MKT)

505. **Services Marketing.** This course focuses on problems and strategies specific to service businesses. Problems such as inability to inventory, difficulty in synchronizing demand and supply, difficulty in controlling quality will be addressed. Strategies used by successful services marketers to overcome these difficulties will be discussed.
521. **Marketing Management.** An advanced marketing course utilizing 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.** Individual instruction. May be repeated when topics vary.

COURSE DESCRIPTIONS

College of Education and Liberal Arts--Undergraduate Course Descriptions

Adult Education (AE)

489. Individual Study. Individual instruction. May be repeated when topics vary.

Applied Arts and Sciences (AAS)

301. Careers and Work-Life Integration. This course examines evolving work-life issues with respect to contemporary organizations and the changing landscape of careers. Major topics will include new career models, career development strategies, the interrelationship of work and family, and career development over the lifespan. Students will conduct a rigorous self-assessment to clarify values, interests, skills and career goals and aspirations.

390. Psychology of Work. 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, work skills, and develop career goals. In addition, students will be guided through the portfolio compilation process to enable them to develop a portfolio of work and life learning for credit evaluation. Prerequisite: limited to students enrolling in the BAAS program.

489. Independent Study. Individual instruction. May be repeated 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, individualized plans of research will be designed 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 reaching one's highest academic potential is examined as well as understanding why cultures create and use art.

415. Impression and Post-Impression Art. This course will examine the artistic movement during the second half of the nineteenth century known as Impressionism. The characteristics of this art movement will be defined by the convergence of social, artistic, technological, political and commercial forces. Both subject choices and artistic techniques will be explored within a larger context of political, social, and cultural history. The relationship between the impressionists and post-impressionist painting of artists will be examined. Artist that lived in France and took the style to their countries will also be studied. The study of key French and American impressionistic artists provided 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. Representative examples from the visual arts and architecture are presented in their historical and social context. The course is designed to enhance the students' appreciation of Western Art and aims to enrich the understanding of art in general.

489. Individual Study. Individual instruction. May be repeated 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. Emphasis is placed on the development of aesthetic judgment: learning how to look at art and evaluate it thoughtfully.

Bilingual Education (BE)

356. Second Language Acquisition. 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. Course also helps students develop both a strong theoretical foundation with regard

to second language acquisition and the acute analytical skills required to consider critically such theory in order to base future decisions in their classroom.

- 400. Foundations of Bilingual/ESL Education.** This course studies the conceptual, linguistic, sociological, historical, political, and legal foundations of bilingual and ESL education as well as the history and philosophies of early childhood education. It deals with the socio-linguistic characteristics of bilinguals as well as the importance of home, school and community involvement in the education of language minorities. It examines the pedagogical, socio-cultural and linguistic issues that make bilingual education controversial as well as the impact of educational policies on the education of language minorities in pre-school, kindergarten and early elementary grades. It also deals with the application of theories and research to teaching minority children.
- 420. Bilingual Target Language Proficiency.** This course is a study of the Spanish linguistics and academic Spanish. It analyzes the concepts of language, linguistics, grammar, and Spanish language variation. It reviews the sound patterns of Spanish (phonology), the form and function of words (morphology), and the structure and organization of simple and complex sentences (syntax). It emphasizes the mastery of academic Spanish required to become a Spanish or bilingual teacher in Texas public schools. The course is intended to provide students with a fundamental understanding of advanced grammatical concepts and to apply this knowledge to become competent users of Spanish for academic purposes. Additionally, the course prepares students to take the Bilingual Target Language Proficiency Test (BTLPT, TExES #190). Prerequisite: Minimum score of 70% in Spanish placement test.
- 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.** This course addresses the theory and effective teaching practice in promoting student development of strong social and academic skills and the relationship of culture to language. Prerequisite: BE 474 and concurrent enrollment in SPAN 303.
- 474. Biliteracy for Bilingual and Dual Language Classrooms.** This course studies the conditions for developing literacy in L1 and 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. Course deals with the application of state educator certification standards in reading/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.** A study in the use of theory and various approaches for integrating English as a second language and learning strategies relating to how plans, procedures and units engage language teachers, students and learning environments. Prerequisite: BE 472, SPAN 303 and must be taken concurrently with SPAN 317.
- 489. Individual Study.** Individual instruction. May be repeated when topics vary.
- 491. Resident Teaching Bilingual/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. Teaching by the teacher candidate is directed and supervised by an Instructional Leadership Team (ILT). Seminars may be offered 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. Students are graded on a Satisfactory (S) or Unsatisfactory (U) basis for 3 SCH.

Criminal Justice (CJ)

- 310. The Juvenile Justice System.** 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.** Social problems in a legal context. The nature, functions, limitations, and objectives of law in relationship to such problems as poverty, drug addiction, abortion, euthanasia, mental illness; the

- changing role of the law in attempts to solve social problems; ethical issues in criminal justice. Cross-listed with SOC 315.
320. **Deviance and Deviant Behavior.** Introduction to the general phenomena of social deviance with primary emphasis given to non-criminal deviants and deviations and victimless crimes including mental disorders, drug use, prostitution, homosexuality. Attention is given to the scope of the field and other theoretical issues. Prerequisite: SOCI 1301. Cross-listed with SOC 320.
325. **Crime and Delinquency.** A study of the meaning, nature, and extent of crime and delinquency, including analysis and evaluation of preventive and treatment methods. Emphasis will be on theories of crime and delinquency causation. Prerequisite: SOCI 1301. Cross-listed with SOC 325.
330. **Institutional Corrections, Theory and Practice.** Examinations of the historical development of corrections including concepts of punishment and rehabilitation; emphasis on institutional corrections from conviction to release. Cross-listed with SOC 330.
340. **Criminal Law and Procedure.** History and philosophy of modern substantive criminal law with an emphasis on the Texas Penal Code. Definitions and elements of principle crimes, criminal liability, and defenses to criminal penalties.
350. **Types of Crime.** 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.** A survey and analysis of probation and parole as well as other community reintegration efforts: 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 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 SOC 380.
400. **Internship.** Supervised experience in a criminal justice agency. 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. There is 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.** 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.** Examination of state and federal constitutional rights and guarantees for the offender; rights and privileges of incarcerated offenders; constitutional rights of juveniles.
454. **Research Techniques in Criminal Justice.** Introduction to research methods and computer applications in criminal justice. Work processing, electronic spreadsheets, and introduction to major criminal justice databases.
460. **Civil Disruption, Terrorism, and Mass Violence.** Examination of historic and current trends in civil disruption from domestic/international perspective, and from civil disobedience to more violent means of dissent or revolt.
470. **Police and Community Relations.** An examination of the interface between the police and the community they serve. Topics to be addressed 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 crime is committed.
472. **Introduction to Forensic Science.** (2-2). The study of basic concepts, techniques, practices, and procedures of criminalistics, including the most current technologies in forensic analysis. Criminal investigation of actual cases will be discussed with a minimum of scientific terminology. In addition, the nature of physical evidence will be emphasized, including the use of DNA profiling. Strongly recommended for Criminal Justice majors and Pre-Allied Health track students in Biology. Prerequisite: Junior or Senior standing. Cross-listed with BSC 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 is a course that is designed to provide students with a detailed understanding of the various agencies that make-up what is referred to as the criminal justice system in America. Emphasis is placed on how the organization, management, goals and objectives of each agency affect administration of justice.
489. **Individual Study.** Individual instruction. May be repeated when topics vary.
497. **Special Topics.** Organized class. May be repeated when topics vary.

Drama (DRAM)

1310. **Introduction to Theatre.** This is a general survey of the major fields of dramatic art examined through historical perspective. Emphasis is placed on 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 three lower-division semester credit hours 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.** Individual Instruction. May be repeated 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.** Individual instruction. May be repeated when topics vary.

Education (EDUC)

1301. **Introduction to the Teaching Profession.** This course is designed to introduce the student to teaching as a career choice. This course will examine student diversity within American public schools and changes in American society that influence classrooms. Foundations in education and the complexities in the teaching profession will be explored. The field experience component will include 16 hours of structured observations and participation in public schools.
2301. **Introduction to Special Populations.** This course will introduce the student to the foundations of multicultural education. This course will explore education in a changing society as well as historical and theoretical perspectives on multicultural education. It will focus on diversity in the classroom including culturally and linguistically diverse learners, students who are at-risk for failure, and exceptional learners. The field experience component will include 16 hours of structured observations and participation in the schools to examine multicultural teaching in action. P-12 with special populations. Prerequisite: EDUC 1301.

Education (ED)

311. **Growth and Development for Early Childhood to Grade 12.** Theories of children's growth and development are presented along with their relationship to learning and teaching. Cultural, emotional, physical, intellectual and learning differences are studied for their impact on learning abilities and educational opportunity.
321. **Foundations of Education.** Theories of learning will be presented along with their impact on strategies for effective teaching. Educational measurement and evaluation as used by schools will be studied. Theories relevant to the use of media and technology will be addressed. Prerequisite: 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 classroom in general and special education. Basic federal and state laws as they pertain to the legal procedures for all teachers, including teachers of students with disabilities and ESL students will be presented. This course will prepare the university student to feel confident, know and fulfill their professional and legal responsibilities not only on the first day of school, but for the entire school year. Prerequisite: Admission to the Teacher Prep Program.
- 434. Classroom Management & Teaching Strategies.** Students will learn about and demonstrate teaching strategies such as exposition, demonstration, and inquiry. Also, students will study, observe and demonstrate an understanding of various classroom management theories. A field experience component is required. Prerequisite: Admission to the Teacher Prep Program.
- 435. Curriculum.** Philosophy and design of curriculum in today's schools will be studied. Unit planning including assessing information through traditional sources as well as the new technologies will be addressed. A field experience component is required. 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 or students admitted to the Professional Development School (PDS). A total of 6 SCH of internship must be earned. Graded on 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 or students admitted to the Professional Development School (PDS). A total of 6 SCH of internship must be earned. Graded on 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 or students admitted to the Professional Development School (PDS). A total of 6 SCH of internship must be earned. Graded on Satisfactory (S) or Unsatisfactory (U) basis.
- 486. Methods of EC-6 Math, Physical Education and Science.** 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 covered 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.** 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 covered include language arts, social sciences, and fine arts with emphasis on the integration of the various content areas. Strategies to differentiate instruction for English language learners and students with exceptionalities will be addressed. Prerequisite: Admission to the Teacher Prep Program.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 491. Resident 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. Teaching by the teacher candidate is directed and supervised by an Instructional Leadership Team (ILT). Seminars may be offered 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 resident teaching for the traditional Teacher Preparation Program (TPP) and clinical teaching for the Alternative Teacher Certification Program (ACP). Both resident teachers and clinical teachers participate for 15 weeks in a 4-8 setting. Teaching by the resident/clinical teacher is directed and supervised by an Instructional Leadership Team (ILT). Seminars may be offered which address various legal and ethical issues of education as well as current educational topics. Prerequisites: Admission to either the Teacher Preparation Program (TPP) or the Alternative Teacher Certification Program (ACP); completion of all professional education courses for TPP student; completion of a minimum of summer and fall coursework for the ACP student; recommendation of a TPP interview panel or recommendation from the Director of ACP. Graded on a Satisfactory (S) or Unsatisfactory (U) basis for 6 SCH.
- 493. Grades 8-12 Teaching Practicum.** This course provides practical work in the 8-12 public school setting which includes resident teaching for the traditional Teacher Preparation Program (TPP) and clinical teaching for the Alternative Teacher Certification Program (ACP). Both resident teachers and clinical teachers participate for 15 weeks in an 8-12 setting. Teaching by the resident/clinical teacher is directed and supervised by an Instructional Leadership Team (ILT). Seminars may be offered which address

various legal and ethical issues of education as well as current educational topics. Prerequisites: Admission to either the Teacher Preparation Program (TPP) or the Alternative Teacher Certification Program (ACP); completion of all professional education courses for TPP student; completion of a minimum of summer and fall coursework for the ACP student; recommendation of a TPP interview panel or recommendation from the Director of ACP. Graded on a Satisfactory (S) or Unsatisfactory (U) basis for 6 SCH.

494. **Resident Teaching EC-6 II.** 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. Teaching by the teacher candidate is directed and supervised by an Instructional Leadership Team (ILT). Seminars may be offered 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.
497. **Special Topics.** Organized class. May be repeated 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.
0301. **Developmental Writing: Fundamentals of Grammar.** This course provides an intense overview/review of the basic elements of modern English usage. The course includes writing experience with attention to the basic mechanical and structural elements of the writing process. This course is offered to meet the need for a foundation in grammar and sentence structure. Students who do not satisfy the writing portion of TSI will be required to take ENGL 0301.
0302. **Developmental Writing: Foundations of Composition.** This course provides an intense overview/review of the basic components of good writing skills. The course includes writing experience with attention to the essay development for fundamental writing and writing for assessment purposes. Students who do not satisfy the writing portion of TSI will be required to take ENGL 0302.
089. **Independent Study in Developmental Writing.** Individual Study. May be repeated when topic varies.
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. It requires more extensive and analytical reading and writing than English 1301.
2332. **World Literature I: Ancient to Renaissance.** This is a survey of the major works of literature produced across the world from early civilizations to 1650. 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.
2333. **World Literature II: Renaissance to Modern.** This course is a study of representative works of world literature from the seventeenth century to the present. An important goal of the class is to promote an understanding of the works in their cultural/historical contexts and of the enduring human values that unite the different literary traditions. Designed for English majors, this course includes critical approaches to literature and emphasizes appreciative and critical assessment.
2341. **Forms of Literature.** This course offers students an introduction to the literary genres of poetry, drama, and fiction with an emphasis on the intrinsic pleasures that the study of literature offers. It requires students to read closely and critically and become sensitive to the nuances of language.
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. English majors should take this course in place of ENGL 2341.
289. **Independent Study.** Independent study in English. May be repeated when topics vary.

English (ENG)

- 305. Children's Literature I.** A survey of the history of children's books, books for very young children, picture books and illustrators, short fiction, folk tales, fables, myths and epics, historical fiction and biography.
- 306. Children's Literature II.** A study of realistic fiction, fantasy, young adult literature, poetry and informational books.
- 312. Shakespeare.** 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.** Through guided practice, students develop the ability to write prose that informs and persuades. While they draft, revise, and edit a series of essays, students apply strategies for writing with effective organization and style. The course also demands careful reading and discussion of model essays and articles drawn from a diverse selection of published authors. 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.
- 424. History and Grammar of the English Language.** Topics include the basic features of human language, a historical study of English, and a study of English phonology, morphology, and syntax.
- 430. Images of Women in Literature.** A study of the various images of women in literature with an emphasis on the twentieth century.
- 441. Advanced Survey of American Literature I.** A study of the development of American literature from its beginnings to the late nineteenth century.
- 442. Advanced Survey of American Literature II.** A study of the development of American literature from the late nineteenth century to the present.
- 450. Studies in Genre.** Advanced study of one of the following literary genres: Short Story, Film, Poetry, Drama and International Literature. May be repeated when topics vary.
- 471. Advanced Survey of British Literature I.** The development of English literature from its beginnings to 1800.
- 472. Advanced Survey of British Literature II.** The development of English literature from 1800 to present.
- 489. Independent Study.** Individual instruction. May be repeated 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: to be taken during the final semester of the bachelor's degree program in English.
- 497. Special Topics.** Organized class. May be repeated when topics vary.

English as a Second Language (ESLI)

- 1000. Individual Study.** Individual instruction. May be repeated when topics vary.

Geography (GEOG)

- 1303. World Regional Geography.** Students study both the developed and developing regions of the world, with an 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, ranging from religious values in the landscape, the political partitioning of earth space, to an exploration of the spatial aspects of popular culture. Students will be involved in the selection of topics.

Government (GOVT)

- 2301. American Government: Federal & 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 discussed 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 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 Era. 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.** A survey of Mediterranean civilizations to the fall of the Roman Empire with emphasis on the histories of Greece and Rome.
- 312. Medieval Civilization.** A survey of the heritage of the Middle Ages, emphasizing the growth of political, social, economic, cultural, and religious institutions.
- 314. Renaissance and Reformation.** A course devoted to the study of the nature and origin of the religious, social, economic, cultural and religious institutions.
- 316. Sex, Swords, and Magic: 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 the Middle Ages is consistently reimagined.
- 328. Colonial and Revolutionary America, 1492-1789.** 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 1920's, its seizure of power in the 1930's, and its downfall in the 1940's after initiating a devastating world war. Students will analyze why so many Germans were drawn to 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.
- 340. British History.** An overview of the history of England from prehistory to the present.
- 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 focus will be on 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 1940's to the 1970's 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.
- 351. Europe, 1815-1920.** Survey of the political, social, economic, and intellectual development of modern Europe with emphasis on the major ideas and movements that influenced Europe before World War I.

352. **Europe, 1920 to the Present.** An interpretation of the far-flung, events and movements of European history since the First World War. Special emphasis is placed on the rise of Communism, Fascism, Nazism, the Second World War, the Cold War and recent developments in European history.
419. **American Social and Intellectual History.** 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.** Develops an 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.** 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.** 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 will study the major historical developments of Latin America since the beginning of the nineteenth century and provide 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. In the last week of the semester, students will have the option traveling to Mexico City with the instructor to learn more about Mexican culture and history.
460. **Cultural History of Texas.** A study of the historical, political, and economic forces that have shaped the cultural identity of Texas from Native American prehistory through the Spanish conquest, republican independence, statehood, confederacy, and reconstruction to a major role in the emergence of the New South and the new economy.
462. **Modern German History.** 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 us about the role of fear and cupidity and obtuseness in human affairs, about the seductions of power and the apparently limitless inhumanity that man is capable of, as well as courage and steadfastness and the bounty of creativity.
470. **Twentieth Century Asia.** 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 required for all students who are seeking Texas certification to teach history or social studies. Students will evaluate the ways in which the knowledge gained in history and social studies courses can be used to accomplish the goals of TEKS. Prerequisite: Senior standing.
489. **Independent Study.** Individual instruction. May be repeated 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.** Organized class. May be repeated when topics vary.

Honors (HON)

1345. **Technology and Knowledge.** 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; rather, it is to question the how effect of science and technology impacts our socially constructed knowledge built off those classics of Western thought. Prerequisite: Students must be admitted to the honors program.
345. **Advanced Academic Argument Seminar/Continental Philosophy.** 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 be admitted 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. Special attention is placed on the effective use of technology to attain instructional objectives.
- 350. Technologies for Instruction, Learning, and Communication.** This course is designed to develop a comfort with technology and its application to communication. Emphasis is placed on computer assisted presentations, software/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 CCS as a conceptual bridge to the technical aspects of web development. There is no 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 html and object-oriented programming using Java Script. Special attention is placed on fundamental programming techniques, concepts, and documentation as used in instructional software development.
- 480. Management and Development of Instructional Technology Projects.** This course presents the project development cycle used to plan, manage, and develop instructional technology projects. Students are taught to identify learning objectives, determine the appropriate technologies to accomplish those objectives and manage instruction technology project development through completion and evaluation. Prerequisites: ITED 315 or 350.

Interdisciplinary Studies (IS)

- 0300. University Student Success.** Psychology of learning and success. Examines factors that underlie learning, success, and personal development in higher education. Topics covered include information processing, memory, strategic learning, self-regulation, goal setting, motivation, educational and career planning, and learning styles. Techniques of study such as time management, listening and note taking, text marking, library and research skills, preparing for examinations, and utilizing learning resources are covered. Includes courses in college orientation and developments of students' academic skills that apply to all disciplines. Required for all Eagle Access students.
- 325. American Culture: An American Perspective.** An examination of selected historical aspects of American Culture, utilizing on-line primary sources. Students will be engaged in reading, discussing, and analyzing primary sources in five selected areas of American culture.
- 395. Living in the 21st Century.** Through reading, lecture, discussing, 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.** Individual instruction. May be repeated when topics vary.
- 497. Special Topics.** Organized class. May be repeated when topics vary.

Leadership Studies (LEAD)

- 289. Independent Study.** Individual instruction. May be repeated when topics vary.
- 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.
- 410. Foundations of Leadership.** 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.
- 414. Organizational Training and Development.** An introduction to the field of Employee Training and Development and processes involved in improving individual and organizational performance. Specific topics include: the role and required competencies 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 the discipline of organizational development and leadership, specifically as it applies to non-profit agencies, including definitions, values, ethics and organizational development as a normative process. Change theory and practice and the role of the change agent/organizational development professional are examined. Traditional organizational development interventions and current applications of organizational development thought are surveyed.
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.** Individual instruction. May be repeated when topics vary.
497. **Special Topics in Leadership.** Organized class. May be repeated when topics vary.

Mass Communication (MCOM)

1307. **Introduction to Mass Communication.** This course is designed to introduce students 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 for all Mass Communications majors in television and radio production. Prerequisite: MCOM 1307 with a C or better.
2340. **Introduction to Public Relations.** The objective of this course is to learn and gather, analyze, organize, synthesize, and communicate information needed in the public relations profession. Prerequisite: MCOM 1307 with a C or better.
2350. **Principles of Advertising.** To gain an understanding of the role of advertising and how an advertising agency functions and examines global issues impacting advertising and the increasingly global nature of advertising campaigns. Understand the role of diverse cultures in selecting and targeting ad campaigns. Students will be introduced to key concepts and approaches in the industry. The course proceeds through a combination of lectures, seminars, workshops and readings. Prerequisite: MCOM 1307 with a C or better.
2360. **Publication Design and Production.** Course provides students with an overview of writing for the mass media.
300. **Mass Communication Theory.** Provides students an overview of the dominant theories of mediated communication processes and effects and functions of theories in social scientific research related to media and mediated processes. Prerequisite: MCOM 1307 with a grade of C or better.
305. **Media Law and Ethics.** A study of the evolution, rights and restrictions of the media. The influence of constitutional rights, statutory restrictions, court precedents, self-imposed and public restrictions on news coverage and ethics of journalism will be reviewed. 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. Practice in 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 News Writing & Reporting.** An advanced study in the methods used in gathering and writing news. Prerequisite: MCOM 1307 with C or better.
311. **Television News Production.** Reporting, preparation and presentation of news for television. Discussion and practice in writing, reporting, videotaping and editing news for TV. 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 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.** 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.
316. **International Field Study in Journalism.** Students will become familiar with media and political systems of another country. Ten-day travel to the country will be required. Course may be repeated one time for a different country of study. Prerequisite: Course requires travel outside of the United States. Prerequisite: MCOM 1307 with C or better.
380. **Advanced Professional Communications.** As students progress in their professional careers, advanced public speaking and presentations may be key to their success. This course will help students prepare and

- give several presentations of different types typical of governmental, business, educational and civil settings and situations. Prerequisite: MCOM 1307 with a C or better.
- 410. Feature Writing.** To introduce students to the world of the magazine and show them what it takes to participate in that world as professionals. The main focus will be given on the article, the editorial heart and soul of the magazine. Prerequisite: MCOM 1307 with a grade of C or better.
- 411. Advanced Editing, Layout, and Design.** This course will teach 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.
- 415. News Analysis and Opinion Writing.** Study of editorials, editorial columns, commentary pieces, reviews, news analysis and criticism. Examines editorial boards, generating ideas for columns and writing books, theater and film criticism. Prerequisite: MCOM 1307 with C or better.
- 416. Television Production.** This course covers fundamentals of video production in a multi-camera studio and 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 Video Production.** Hands-on participation in the production of a ready-to-air documentary. Components include research, writing, field and studio production, editing and distribution. Prerequisite: MCOM 1307 with a C or better.
- 419. Case Studies in Public Relations Crisis Management.** An in-depth study of how organizations mobilize their public relations in times of crisis. Students will examine the successes and failures of public relation responses to disasters, deciphering the lessons learned through each case study. Prerequisite: MCOM 1307 with a C or better.
- 420. 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. Prerequisite: MCOM 1307 with C or better.
- 425. Case Studies in Advertising.** The course will introduce students to how paid advertising and unpaid media relations campaigns are planned, budgeted, and controlled. Prerequisite: MCOM 1307 with C or better.
- 430. Public Relations Campaigns.** This course involves the development and presentation of a complete communication plan for a community organization selected by the instructor. The emphasis is in 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. Theories, concepts, and techniques of public relations will be integrated into each campaign. Prerequisite: MCOM 1307 with a grade of C or better.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 490. Internship in Mass Communication.** A field based course in which students have an opportunity to apply or demonstrate writing, editing, public relations, advertising, and layout and design skills in a real world setting. Prerequisite: MCOM 1307 with a C or better and instructor permission.
- 491. Research in Mass Communication.** A supervised course tailored to specific student interests. This course will give students opportunities for independent research, reading, and experimentation on relevant issues in mass communication. Prerequisite: MCOM 1307 with a C or better.
- 497. Special Topics in Mass Communication.** Organized class. May be repeated 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 is designed to improve functional fitness, flexibility and muscle awareness. This is achieved by providing professional guidance on basic "asanas" or poses, focusing on all muscles involved in those poses, proper breathing and relaxation.
- 1102. Pilates.** This course will center on the Pilates method of body conditioning which consists of stretching and strengthening exercises. These exercises were developed and demonstrated by Joseph H. Pilates. Benefits from this practice are improvements in strength, flexibility and proper posture.

- 1103. Physical Conditioning.** This course will provide basic knowledge in the area of physical conditioning and introduce methods and/or techniques of achieving a more desirable physical condition which can be incorporated into daily life and adopted as a positive life changing behavior.
- 1104. Tennis.** This is an introductory level course to the sport of tennis. Students will be introduced to the rules of the game, how to keep score and a basic understanding of how to play the game. A physical component is included in the course.
- 1105. Golf.** This is an introductory level course to the sport of golf. Students will be introduced to the rules of the game, how to keep score and a basic understanding of how to play the game. A physical component is included in the course.
- 289. Independent Study in Physical Education.** Individual instruction. May be repeated when topics vary.

Philosophy (PHIL)

- 1301. Introduction to Philosophy.** This course aims at being an introduction to philosophical thinking and thinking in general rather than a survey of philosophical doctrines, movements, or methods. As such, the course is "topics based" and takes up questions of the theory of knowledge, moral philosophy, critical thinking, and so on looking at 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 arguments ought to be analyzed.

Political Science (PSCI)

- 300. Introduction to Political Theory.** This course is an introduction to 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.** 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. Ideologies' assumptions, justifications, and implications for political life will also be discussed.
- 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 our 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 national 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 will cover the founding period, the Constitution, as well as 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.** Discuss and assess major concepts of administration and leadership in public agencies. Case studies and field based experiences are employed 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.** 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. Particular attention is given to European cooperation and the inclusion of East-Central Europe and Russia into the European community.
- 344. Russian and East European Politics.** A comprehensive examination of the East/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. Social and economic policy and popular attitudes are also examined. Emphasis will be placed on the diversity of the region.
- 350. Introduction to International Relations.** An examination of 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.
- 395. Methods of Political Science Research.** An introduction to the discipline of political science including an examination of the development of political science and the methods and approaches used by contemporary political scientists to describe, explain, predict, and evaluate political phenomena.
- 410. American Political Theory.** An analysis of American political thought from colonial times to the present.
- 426. Civil Rights/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.** 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. Special emphasis on the constitutional structure of the Texas government.
- 428. Intergovernmental Politics.** 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.** An accounting of the role of public opinion in the democratic politics of the United States.
- 455. Political Behavior.** This course examines key aspects of American electoral politics and democracy.
- 456. Politics and Religion.** This 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, and 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.** 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.** Individual instruction. May be repeated when topics vary.
- 490. Internship.** (6 SCH) The internship course is designed to offer students an opportunity to work in the offices of state, federal, and locally elected officials. Students will learn the kinds of services provided by the offices, the expectations the electorate has of their elected officials, and the kinds of activities that occur in these offices. Students will be engaged 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.** Organized class. May be repeated when topics vary.

Psychology (PSYC)

- 2301. General Psychology.** In this course students will be introduced 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. Theories and methods used to understand development will be discussed. Attention will be given to the social issues that affect our view of children and families, and special attention will be paid to the application of theories, methods and principles to working with children in the role of parent, care giver 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/genetic and environmental influences on cognitive, physical, and socioemotional/psychological development. Prerequisite: PSYC 2301.

2317. **Statistical Methods in Psychology.** This course will discuss the concepts and statistical procedures of data analysis used in the behavioral sciences. 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.

Psychology (PSY)

316. **Abnormal Psychology.** 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.** 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.** 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. Techniques for improving interactions are considered. Prerequisite: Junior standing. Replaces IS 320.
350. **Learning and Behavior.** Presents basic information about various types of learning and describes general theoretical and practical approaches to understanding and improving learning and behavioral processes. Prerequisite: PSYC 2301.
400. **Internship.** Provides field experience in psychology within local agencies and facilities with on-site supervision together with classroom activities. The internship is structured to provide students with exposure to workplace settings where persons with baccalaureate degrees in psychology are employed. Sites include in-patient and out-patient mental health and mental retardation facilities, correctional facilities, and human service organizations. Offered Fall and Spring semester. Note: Students may apply for Internship during the semester prior to when they intend taking the course. Student workload will be evaluated with regard to maximum course load concurrent with Internship. May be taken twice for a total of 6 SCH. Preference will be given to first semester applicants. Prerequisite: Senior standing and instructor permission. Graded on Satisfactory (S) or Unsatisfactory (U) basis.
402. **Experimental Psychology.** 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.** Introduces the major schools and systems of psychology as they have evolved and exist today. Prerequisite: PSYC 2301 and Junior standing.
404. **Industrial Psychology.** Examines the person in industrial/organizational system processes including recruitment, selection, promotion, training, performance appraisal, job satisfaction, work motivation, leadership, communication, job design, union/management relations, work conditions, human factors, and workplace ergonomics. Prerequisite: Junior standing.
406. **Environmental Psychology.** 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.** 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. Included is a description of commonly abused legal and illegal substances and a discussion of the difference between substance abuse and dependence. Consideration is given to prominent forms of intervention and treatment.
443. **Psychology of Death and Dying.** Studies the processes of dying and the influence of the threat of death on human behavior. Prerequisite: PSYC 2301.
445. **Human Sexual Behavior.** Examines biological capabilities, psychological characteristics and social and cultural influences on human sexual behavior. Cross-listed with PSY 545.
455. **Brain and Behavior.** Examines of 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 two semesters of biology.

- 456. **Sensation and Perception.** Explores how individuals perceive their surroundings by various sensory modalities and signal processing capabilities of the brain. Prerequisite: PSYC 2301 and two semesters of biology.
- 465. **Psychology of Aging.** Studies the theoretical and research literature related to the psychological aspects of aging. Consideration is given to changes in physical, perceptual, and cognitive processes as they affect vocational, social, and personal adjustment.
- 466. **Cognitive Psychology.** 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.** Individual instruction. May be repeated when topics vary.
- 490. **Undergraduate Research Practicum.** Students will conduct faculty-supervised research. The scope and nature of the work will be determined by the faculty sponsor and the student. Prerequisite: Sophomore status, faculty sponsor approval, and PSYC 2301 and 2317.
- 497. **Special Topics.** Organized class. May be repeated when topics vary.

Reading (READ)

- 0301. **Developmental Reading: Effective Reading Strategies.** This course is designed to develop foundational reading skills through an increase in comprehension, vocabulary, and speed. This course is intended for students who place below the minimum score on entrance assessment tests in reading.
- 0302. **Developmental Reading: Effective Reading Strategies** This course is designed to develop fundamental reading skills through an increase in comprehension, vocabulary, and speed. The course is a required course for those who have not passed the reading portion of TSI. Course may be repeated.
- 089. **Independent Study in Developmental Reading.** Individual instruction. May be repeated when topics vary.

Reading (RDG)

- 343. **Reading Beyond the Primary Grades.** Designed to teach content area teachers how to help their students learn from textbooks. Techniques for evaluating both textbooks and students. Coping with the reading, demands of textbooks, and study skills will be learned.
- 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. A holistic framework will be provided for examining reading difficulties and with techniques for developing reading strengths within the classroom. Prerequisite: RDG 350 Min Grade C or RDG 343 Min Grade C
- 489. **Independent Study.** Individual instruction. May be repeated when topics vary.

Sociology (SOCl)

- 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.
- 2302. Ethnic and Cultural Diversity in the United States.** 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.
- 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.** A survey of the development of sociological theories with an emphasis on both classical and contemporary schools of thought.
- 314. Social Psychology.** Investigates how social factors influence the individual's personality, perception, attitudes, and behavior. The course will teach the relevant theories and methods, and learn about current research on topics such as culture, gender, relationships, aggression, and group behavior. Prerequisite: SOCI 1301.
- 315. Law and Society.** Social problems in a legal context. The nature, functions, limitations, and objectives of law in relationship to such problems as poverty, drug addiction, abortion, euthanasia, mental illness; the changing role of the law in attempts to solve social problems; ethical issues in criminal justice. Cross-listed with CJ 315.
- 320. Deviance and Deviant Behavior.** Introduction to the general phenomena of social deviance with primary emphasis given to non-criminal deviants and deviations and victimless crimes including mental disorders, drug use, prostitution, homosexuality. Attention is given to the scope of the field and other theoretical issues. Prerequisite: SOCI 1301. Cross-listed with CJ 320.
- 323. Social Stratification.** The study of social stratification 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.** A study of the meaning, nature, and extent of crime and delinquency, including analysis and evaluation of preventive and treatment methods. Emphasis will be on theories of crime and delinquency causation. Prerequisite: SOCI 1301. Cross-listed with CJ 325.
- 330. Institutional Corrections, Theory and Practice.** Examinations of the historical development of corrections including concepts on punishment and rehabilitation; emphasis on institutional corrections from conviction to release. Prerequisite: SOCI 1301. Cross-listed with CJ 330. Previously offered as SOC 432.
- 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.** 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.** 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. 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. The course will be taught at an advanced level, but does not require previous work in sociology. Prerequisite: Junior or Senior standing.

489. Independent Study. Individual instruction. May be repeated when topics vary.

490. Senior Seminar. Designed as a capstone experience for students of sociology, this course will both unify and synthesize knowledge 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: Major in sociology and Senior standing.

Spanish (SPAN)

1311. Beginning Spanish I. 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 text and write short compositions of familiar and academic topics. Prerequisite: SPAN 1311 with a C or higher.

289. Independent Study in Spanish. Individual instruction. May be repeated when topics vary.

303. Spanish Composition and Conversation. 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 required 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. Individual instruction. May be repeated when topics vary.

497. Special Topics. Organized class. May be repeated when topics vary.

Speech (SPCH)

0015. Public Speaking Lab. Lab component for Public Speaking. Must enroll concurrently with SPCH 1315.

1315. Public Speaking. Public speaking is designed to assist students in developing public speaking skills. Students are trained 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 knowledge of historical perspectives, educational principles, laws, and professional ethics and roles in the field of special education. It addresses definitions, prevalence, diagnosis, and etiology of disabilities and giftedness. It focuses on the learning and behavioral characteristics of students with disabilities. Additionally, this course introduces instructional strategies, appropriate curriculum, accommodations, modifications, and assistive technology to ensure the success of all learners. Prerequisite: PSYC 2308, 2314 or ED 311.

415. Teaching Students with Moderate to Severe Disabilities. This course addresses the unique characteristics and lifelong learning needs of individuals with moderate/severe disabilities. Instructional, as well as management strategies are explored. Understanding, developing and writing effective

Individualized Education Plans (IEP's) are emphasized. Professional ethics are reviewed. Frameworks for collaboration are introduced. 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. Practical techniques to use with individual students, small groups, and classrooms will be explored. 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, 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 will be emphasized.
- 418. Research, Trends and Issues in Education.** This course presents current research, issues and trends in education, specifically emphasizing the teaching-learning process. Additional emphasis is placed on 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 Resident Teaching.** This course provides practical work in the public school setting which includes resident teaching for the traditional Teacher Preparation Program (TPP). Resident teachers participate for 5 weeks in a special education setting. Teaching by the resident teacher is directed and supervised by an Instructional Leadership Team (ILT). Seminars may be offered 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. Graded on a Satisfactory (S) or Unsatisfactory (U) basis for 3 SCH. This course will be taken 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. Teaching by the clinical teacher is directed and supervised by an Instructional Leadership Team (ILT). Seminars may be offered 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. Graded 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 or students admitted to the Professional Development School (PDS). A total of six SCH of internship must be earned. Graded on Satisfactory (S) or Unsatisfactory (U) basis.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.

Education and Liberal Arts – Graduate Course Descriptions

Adult Education (AE)

- 520. Adult Education: Profession and Practice.** As a requirement of the core curriculum within the major of Adult Education, this course provides students a survey of the major dimensions of the field, an overview of its goals and purposes, constituencies, providers and agencies within the United States, and major figures that have contributed to the profession, both domestic and in the global context, as well as examine current trends, challenges and controversies.
- 525. History and Philosophy of Adult Education.** An exploration of adult education as a field of study, research, and practice in the United States. Leaders, movements and agencies, economic, social and philosophical factors which have contributed to the growth of adult education will be discussed.
- 526. Foundations of Adult Learning.** Study of the unique nature of adult learners including motivation and participation. Historical and contemporary theories of adult learning will be discussed. Formal, incidental, informal, and self-directed learning will be included.
- 527. Program Planning in Adult Education.** Models and procedures for planning, developing, and administering a variety of Adult Education programs including workshops and conferences. Emphasis is on application of needs assessment models, establishing objectives, implementation procedures, and evaluation techniques.
- 528. Instructional Methods in Adult Education.** Principles and practice of adult learning and instruction; selection and use of appropriate instructional design strategies and materials in a variety of work contexts. Traditional methods, as well as innovative approaches, will be included.
- 529. Leadership of Adult Education Programs.** Principles of leadership necessary in managing the Adult Education function in a variety of work contexts. Includes theories of change and implementing change interventions. Addresses management strategies and practical problems that educational directors may face.
- 588. Graduate Capstone: Teaching/Training Symposium.** In a symposium format, students will apply content and knowledge gained throughout the program to design and deliver at least two instructional sessions to the class. Class members and the professor will evaluate the design and teaching strategies and provide constructive and encouraging feedback. All students will participate in a rigorous process of self-assessment and examine ways that one can be a more skillful adult educator. Prerequisite: Major in Adult Education and within the last 6 hours of the program.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 595. Research Methods in Adult Education.** This course is a required component for the Masters Degree in Adult Education. The purpose of the course is to introduce graduate students to the process of planning research, basic vocabulary, techniques to review the related literature, quantitative approaches to the study, concepts and methods of data collection and data analysis, and the process of writing scientific studies.
- 597. Special Topics.** Organized class. May be repeated 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/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/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. Creativity as an important component of intelligence is analyzed. The higher order thinking skills that the arts produce in students will be examined in detail. Planning and practice of using the arts in the classroom to teach multiple content areas will be covered.
- 515. Impression and Post-Impression Art.** This course will examine the artistic movement during the second half of the nineteenth century known as Impressionism. The characteristics of this art movement will be

defined by the convergence of social, artistic, technological, political and commercial forces. Both subject choices and artistic techniques will be explored within a larger context of political, social, and cultural history. The relationship between the impressionists and post-impressionist painting of artists will be examined. Artist that lived in France and took the style to their countries will also be studied. The study of key French and American impressionistic artists provided 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. Individual instruction. May be repeated when topics vary.

597. Special Topics. Organized class. May be repeated when topics vary.

Bilingual Education (BE)

501. Theoretical Foundations of Bilingual/ESL Education. This course is a critical analysis of the rationale for bilingual and multicultural education focusing on history, philosophy, and theory. It includes the study and analysis of educational programs, designed for English Language Learners including the native language and the ESL (English as a Second Language) components as well as critical review of research on the effective implementation of bilingual/ESL programs.

Counseling (COUN)

510. Counseling Theories. Surveys the major theories of counseling and psychotherapy with emphasis on the application of these theories to counseling situations.

511. Introduction to Counseling Services. Introduces students to the scope and purposes of the counseling profession. Standards of preparation, codes of ethics, professional organizations, and licensure and certification requirements will be studied. The importance of the essential characteristics of effective therapists will be examined.

512. Career Development and Information. Combines the use of current career information and career development theories in career counseling. 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. May be taken concurrently with COUN 525 for Elementary School emphasis.

516. Pre-Practicum. Supervised experience in individual counseling will be provided in a laboratory setting. Demonstration of professional standards, counseling, skills and personal characteristics appropriate to the counseling relationship is expected.

517. Assessment in Counseling. Integrates theory and practice related to the use of standardized aptitude, achievement, and interest tests. The utilization of appraisal data for educational and vocational advising, placement and follow-up will be covered. Experience will be gained in the administration and interpretation of selected aptitude, achievement and interest assessments.

520. Counseling Diverse Populations. Focuses on the multicultural issues that may arise within the context of counseling clients. The course is designed to raise 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. Provides an overview of school and vocational counseling programs. An in-depth study of the functions of school counselors will be provided which includes counseling, consulting, coordinating and assessment services. Students will learn how to develop a comprehensive school counseling program, working with and serving students, teachers, staff and administration.

525. Practicum. Experience in applying counseling skills and techniques under supervision in placement settings. Graded on a (S) satisfactory or (U) unsatisfactory basis. Students must earn a grade of "B" or better on prerequisite courses to be considered for admission to this class. Prerequisite for LPC program: COUN 510, 511, and 516; PSY 503, 560, and 575. Prerequisite for School Counselor option: COUN 510, 511, 516, and 528; and PSY 575. COUN 512 may be taken concurrently with Practicum. Offered Fall and Spring semesters. Must have prior approval of Internship Coordinator. Note: Students who are working a full-time job are only allowed to register for one other course when taking Practicum.

526. Internship. Advanced field experience in applying counseling skills and techniques under supervision in placement settings. Prerequisite: Must have prior permission of Internship Coordinator. Graded on a (S) satisfactory or (U) unsatisfactory basis. Prerequisite for LPC Option: COUN 512, 525, and 528. Prerequisite for School Counseling emphasis: COUN 512, 525, and 528. COUN 517 may be taken concurrently with Internship. NOTE: Students who are working a full-time job are only allowed to register for one other course when taking Internship.

- 528. Group Procedures in Counseling.** Examines the dynamics of group process and practice with emphasis on theory and techniques of group leadership. Research paper on theory, procedure or issues in group counseling is required. Prerequisite: COUN 511, 516 and instructor permission. Must be completed prior to Internship for Elementary School emphasis.
- 530. Bereavement Counseling.** An in-depth study in counseling individuals who are coping with significant losses, dying and death. Counseling theories and approaches, which assist people through the grief process, will be highlighted. 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. Group and individual counseling techniques will be practiced and treatment options will be covered. Prerequisite: COUN 516.
- 540. Introduction to Play Therapy.** This course is designed to (1) assist those who work with children in understanding the fundamental tenets of play therapy, (2) help participants develop an effective philosophy of an approach to play therapy, (3) increase participants understanding of the inner world and behavior of children, (4) help students connect with children on a feeling level, (5) promote self-awareness and self-understanding, (6) increase participants' understanding of child development, particularly with children ages three to nine, (7) enhance participants' sensitivity to and acceptance of others, and (8) equip students with beginning level play therapy skills. Prerequisite: COUN 516.
- 541. Counseling the Substance Abuser: Prevention, Intervention, and Treatment.** This course is based on the fundamental assumption that substance abusers and their families are a heterogeneous group and must be treated from an individualized perspective. Clients dealing with substance abuse issues vary in their behavior patterns, the physical effects of drugs on them, and the life consequences of their drinking or other drug use, their personality, their 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/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. Prerequisite: COUN 511.
- 585. Crisis Intervention: Theory and Practice.** This course is an overview of crisis intervention. Major theoretical models of situational crises are examined and operationalized across a variety of service delivery systems. Students will develop conceptual competency necessary for professionals engaged in crisis interventions. Special emphasis is given to 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.** Individual instruction. May be repeated when topics vary.
- 597. Special Topics.** Organized class. May be repeated when topics vary.

Criminal Justice (CJ)

- 510. Criminal Justice Ethics.** A discussion of classical ethical theories and their consideration in the administration of criminal justice. Specific attention will be paid 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.** 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. Course materials would include a discussion of earlier forms of punishment, evolution of modern prisons, and the concept of community-based corrections.
- 570. Seminar in Justice Administration.** Course identifies and discusses the roles of the key players in the judicial process. Course materials would include a discussion of the prosecutor's office, selection and use of juries, selection of prosecutors and judges, plea negotiations, courtroom work group, representation of indigent defendants and other issues pertinent to the interpretation and applications of law.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.

Education (ED)

- 500. Induction for Novice Teachers.** This is 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 are invited to participate to enhance their public school students' achievement and for their own career satisfaction. The course will begin with two days in the summer of training for setting up their classrooms and gearing up for the first week of their teaching career. A Needs Assessment will be conducted 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. Basic Texas education laws will be presented 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 for the entire year. Prerequisite: Acceptance into the Alternative Certification Program.
- 508. Introduction to Teaching.** Theories of learning will be presented along with their impact on strategies for effective teaching. Educational measurement and evaluation (TAKS) used by schools will be studied.
- 520. Education Research Literature and Techniques.** The focus of this course is two-fold: (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.** Teacher-made tests, both subjective and objective, and published tests. Related statistical analysis concepts are also studied.
- 551. Effective Strategies for Student Success.** Review and participate in innovative teaching experiences such as team teaching, differentiated staffing, individualized instruction, open space instruction, and modular instruction.
- 553. The Middle School.** The middle school is designed to provide 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 will explore 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 compose today's classrooms in the public school systems. Included in this course will be 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. Different avenues for acquiring content and processing or understanding ideas will be emphasized. Theoretical frameworks such as neuro-developmental constructs, multiple intelligences, emotional intelligences, learning styles will be addressed. 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 and 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: This course must be taken 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 developed by the National Writing Project. Further, after researching an area of special interest, each student applies theoretical principles by developing a unit of instruction and presenting a demonstration less. This course requires permission of the instructor to enroll. Corequisite: This course must be taken concurrently with ED 570. Cross-listed with ENG 571.
- 573. Leadership and Mentoring in Education.** This course is a prescribed elective for graduate students seeking certification as a Master Reading Teacher (MRT). The course will focus on building leadership capacity through the role of the MRT. Mentoring in reading and targeted professional collaboration will be addressed. Prerequisite: RDG 560 and 561 or Online Teacher Reading Academy (OTRA); and acceptance to the Master Reading Teacher Program.

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 will serve 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.
586. **Early Childhood Education: Methods of Math, Science and Physical Education.** This course is designed to support and enhance 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 is designed to acquaint and support 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.** Individual instruction. May be repeated where topics vary.
590. **Curriculum Alignment for School Improvement.** 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/international standards will be the focus of this course. Students will study research-based curriculum-related elements of high performing schools.
591. **Interdisciplinary Curriculum Design.** These courses are designed to 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. Cognition and innovation, as applied to the development and delivery of an interdisciplinary STEM curriculum, will be examined as students 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 are designed to 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. Cognition and innovation, as applied to the development and delivery of an interdisciplinary STEM curriculum, will be examined as students 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.** Surveys the historical, psychological, social, and economic factors influencing pupil behavior in the public school setting. Develops in-depth cross-cultural studies and teaching strategies relating to subject matter and social-education experiences of major U.S. minority groups. Useful to teachers at all levels.
597. **Special Topics.** Organized class. May be repeated when topics vary. Special courses designed to probe new curricula designs, instructional strategies, or evaluative techniques.

Education Administration (EDAD)

510. **Curriculum Studies.** Develops comprehensive understanding of modern curricular trends. Includes historical data and current research with emphasis on aims, purposes, and outcomes of curricular changes.
531. **Instructional Leadership.** This course is designed to provide both the knowledge and skills needed by an instructional leader in the application of a development system that is based upon a culture that is ethical, learner-centered, collaborative, 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 for the principalship as required by the Texas Education Agency.
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 identified instructional needs of the building and specifically supports increased student achievement as specified in the campus improvement plan. The management component of the course will address scheduling, discipline, and facility management
- 560 **Technology for School Improvement.** This course is designed for graduate students and 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. Aspects of clinical supervision, including classroom observation, conferencing skills, and development of improvement plans through systemic staff development will be emphasized. 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 influence 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 our 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/instructing/assessment, plus student and employee rights in case law influencing the public schools. A primary focus will deal with certificate proficiencies/competencies as outlined by the State Board of Educator Certification Frameworks. Approximately 40% of the TExES 068 Principal Certification Exam will come from concepts and details covered in this exciting course.
571. **School Personnel Administration.** This course focuses on the role of the principal in the ethical, legal, moral, and effective planning, recruitment, selection, assignment, development, retention, evaluation and supervision of school personnel. TExES competencies and skills that pertain to human resource management will be aligned with the objectives of the course.
572. **School and Community.** Performance standards for school principals in the state of Texas indicate the importance of administrator skills in school community relations and school leadership in multicultural settings. Successful school leaders understand the principles of school communications. Successful school leaders also understand the dynamics of working in diverse and multicultural settings. Through communications activities and guided reflection, future school leaders will enhance their skills in forming partnerships with other educators, parents, the business community, social service agencies, elected officials, and the media. Through directed research activities (data collection and data analysis), future leaders will enhance their abilities to assemble, organize, and professionally present various forms of school information.
574. **Administration of Special and Compensatory Programs.** Prepares students to administer special and compensatory education programs. Emphasis on 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.
575. **Public School Management and Organization.** This course provides students with an overview of public school management theory and research as each applies to the day-to-day workings of K-12 educational settings. The course assumes management as a phenomenon embedded within particular contexts of school-based decision making and governance. Information from the educational administration and corporate perspectives of management will focus attention on the improvement of communication and implementation of tasks associated with the delivery of services in public schools.
577. **School Law.** The purpose of this course is to examine the legal framework of education in the United States and Texas. A study of the impact of, and relationship between, constitutional law, statutory law, administrative law, and judicial law that influence the operation of schools will be the primary focus of the course.
578. **School Finance.** This course focuses on the role of the principle in the planning, development and implementation of the budget that most effectively and equitably meets the identified instructional needs of the building.

- 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. Attention will be given to the leadership roles of the principal in relationship to the organizational culture, school wide improvement, curriculum development and school/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. May be taken for up to 6 SCH.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 590. Executive Leadership of the Education Community.** This course is designed to provide prospective public school superintendents with the knowledge and skills necessary to act with integrity, fairness and in an ethical manner to promote the success of all students. Emphasis will be placed on shaping the district culture by facilitating the development, articulation, implementation, and stewardship of a vision of learning that is shared and supported by the educational community and the board of trustees. Skills in communicating and collaborating with families and community members, responding to diversity, and mobilizing resources to ensure student success will be discussed. Particular emphasis will be placed on 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.
- 591. Superintendent Internship.** Internship activities in all SBEC superintendent competencies that are not included in the field-based activities in EDAD 590, EDAD 594, and EDAD 598 will be required unless determined unnecessary by the instructor based on the student's prior experience. Internship sites shall include private business, state government and/or management, public schools, public school support institutions, non-profit organizations, and/or others as determined appropriate on an individual basis. Prerequisite: Program Director's approval.
- 594. 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 interface it with the economic development needs of the community. Emphasis is also placed on 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 will be emphasized. Prerequisite: Principal certification or program director's approval.
- 598. Administrative Leadership.** Public school finance at the superintendent level and the general operation of the business office and other peripheral support functions of a public school will be studied. Related topics include student food services, transportation, facility management, maintenance and construction, development and marketing of bond elections, and safe schools. Technology based infrastructure that supports student, personnel, and financing management will be emphasized. Prerequisite: Principal certification or program director's approval.

English (ENG)

- 555. Linguistics.** Introduction to principles of how language develops, changes and functions. 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, 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 finding in an oral presentation to the class. Prerequisite: This class must be taken concurrently with ENG 571 and requires instructor permission.
- 571. Improving Students' Writing in the Schools.** Students analyze current research in composition and writing across the curriculum, with special emphasis upon the theoretical approach developed by the National Writing Project. Further, after researching an area of special interest, each student applies theoretical principles by developing a unit of instruction and presenting a demonstration lesson. Prerequisite: This class must be taken concurrently with ENG 570 and requires instructor permission.

- 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 sponsored by the East Texas Writing Project in conjunction with Region VIII Educational Service Center.
- 575. Current Issues in English Studies.** This is the capstone course for students seeking the Master of Arts/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.** Examination of an individual author or group of authors, the study of a literary theme, or the study of a particular genre. May be repeated when topics vary.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 595. Research Literature and Techniques.** Review of research by scholars in selected areas of English language and literature with emphasis on critical approaches and research methodology. Students will demonstrate competence in research methodology by the investigation and formal reporting of a topic chosen in consultation with the instructor. Replaces IS 595 for English majors.
- 597. Special Topics.** Organized class. May be repeated when topics vary.

English Education (ENED)

- 597. Special Topics in English Education.** Organized class. May be repeated when topics vary.

Higher Education (HE)

- 505. Higher Education in the 21st Century.** This course is designed to provide students with an introduction into study of higher education in America. Students will gain a greater understanding of the role and scope of higher education from both historical and philosophical vantage points. The topics addressed include the history, recent developments, and projections for the future of various aspects of higher education, including its missions, purposes, students, faculty and staff, administration, finance, organization, governance, and role.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 597. Special Topics in Higher Education.** Organized class. May be repeated 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, with students reading 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 employed by historians on a particular topic. Based on their historiographic and bibliographic research of a selected topic, students are required to 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, and 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.** It has been 200 years 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; the origins of Islam. All of these topics will be considered within the framework of the end of the Roman empire, though 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 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 American films can be used 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 covered will include 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. Special emphasis will be given to the era of encounter and conquest, with later colonial eras examined in the second half of the course.
- 573. Readings in Mexican History.** This course studies the social, economic and political history of Mexico. Students form colloquiums and choose three topics to be studied by their group. They read books on each topic, write critiques, make oral presentations, and participate in class discussions. There will also be 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 influences 20th century Asian history. Students are required to 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. Class contributions will be evaluated.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 597. Special Topics.** Organized class. May be repeated when topics vary.

Human Resource Development (HRD)

- 515. Organization Development and Change.** This course will require the student to analyze cases, drawing from the theory and appropriate practices described in the text. The student will make at least two recommendations on each case in the form of a proposal memo, from the perspective of a change consultant. The student must analyze the case for special issues relevant to the organization in question. In addition, each student will also read several other students' reports and evaluate/comment on the submission of at least one of them. The evaluation must show an evolving understanding of organization development theory and practices.

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 require. This course explores innovative ways of utilizing 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 required 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 produce an effective Web-based multimedia lesson. It addresses theoretical foundations, principles of multimedia learning, multimedia design process, interface design, typography, graphic design, audio and video production, and instructional animations. Prerequisite: ITED 520.
- 522. Instructional Television I.** This course explores the design and development of broadcast quality instructional video programs for specified audiences. The course will focus on concepts, research, and theoretical foundations for production and use of instructional television in the education process; including message definition, scriptwriting, storyboarding, and production.
- 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.
- 524. Instructional Television II.** This course focuses on post-production editing of instructional video projects begun in part I. It addresses production considerations such as personnel, medium requirements, lighting, sound and visual effects; and product delivery formats, as well as educational implications of video use. Prerequisite: ITED 522.
- 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. Capstone in Instructional Technology.** E-Portfolios are required for all students in the Instructional Technology program. This capstone course provides an opportunity for students to define their professional goals, assemble the evidence of their skills and abilities, and create a comprehensive electronic portfolio aligned with their professional goals. Prerequisites: ITED 501, 511, 512, 520, 521, and 523.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 597. Special Topics.** Organized class. May be repeated when topics vary.

Interdisciplinary Studies (IS)

- 518. Thesis.** Affords students the opportunity to undertake individual research. Graded on a (S) Satisfactory or (U) Unsatisfactory basis. (6 SCH).
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 595. Research Literature and Techniques.** Review of research studies produced by investigators in student's major field with emphasis on investigative and verification techniques employed. Demonstrate competence in using systematic research techniques by investigation and formal reporting of a problem.
- 596. MSIS Research Project.** This is an independent/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, with the student submitting rough drafts of the project throughout the semester. The student will be evaluated by their mentor and two additional faculty. The faculty will look for evidence that the student has mastered the learning outcomes expected in the MSIS program.
- 597. Special Topics.** Organized class. May be repeated when topics vary.

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 media and political systems of another country. Ten-day travel to the country will be required. Course may be repeated one time for a different country of study. Course requires travel outside of the United States.
- 515. Advanced Public Relations Strategies.** 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. Emphasis will be made on 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.** Individual instruction. May be repeated when topics vary.
- 590. Communication Practicum.** A field-based course designed to provide students with an opportunity to put theoretical ideas they have learned in communication courses into practice. The practicum can be situated within nearly any setting where advanced communication skills are required 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.

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 modern Political Science scholarship is initiated, performed, reported, and critiqued. The course presents a general background of the methods used by political scientists in the empirical study of their discipline. The background provides the knowledge necessary to conduct objective investigations of empirical phenomena on our own or to better understand and evaluate the research of others.
- 540. Seminar in Comparative Politics: Methods, Theories, Approaches.** A survey of the classic literature in the field of Comparative Politics. The courses 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.** 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.** An in-depth examination of American political parties and elections. The course considers the historical development of parties, connections between parties and elections, and 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, and 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.** Individual instruction. May be repeated when topics vary.

Psychology (PSY)

- 503. Psychology of Behavior Disorders.** Prepares students to diagnose psychological disorders using the current diagnostic manual. Videotape cases will be used to illustrate the various types of disorders. Attention will also be given to 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.** Surveys the various theories of learning from classical and operant conditioning to cognitive developmental models, and information processing. Emphasizes application of appropriate theories to real life situations.

535. **Behavior Modification.** Examines principles and techniques of behavior modification as it is applied to clinical, school, industrial, and self-modification programs.
540. **Research Literature and Techniques.** Review and research studies produced by investigators in student's major field with emphasis on investigative and verification techniques employed. Demonstrate competence in using systematic research techniques by investigation and formal reporting of a problem. Replaces IS 595 for Counseling Psychology majors.
543. **Human Growth and Development.** Examines physical, cognitive and psychosexual development across the human life span. Emphasis is given to the complex process that grows out of the interactions between a changing person and a changing world that continues throughout the entire life span.
545. **Human Sexual Behavior.** 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.
560. **Clinical Assessment.** This course provides students with 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. Also addressed are the statistical and psychometric concepts of reliability and validity. The student will learn how the Mental Status Exam, Clinical Interview, and MMPI-2 are used 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. Issues of diversity and ethical strategies for selecting, administering, and interpreting assessment and evaluation instruments are addressed. Prerequisite: PSYC 2317.
572. **Intelligence Testing.** 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.** 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/third party payments, advertising, assessment, teaching, therapy, and research.
578. **Marriage and Family Therapy.** 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 focus will be on structural, strategic and system approaches. A combination of didactic and experiential methods is employed. Students are expected to be involved in role-playing and strategic exercises.
579. **Psychopharmacology for Counselors.** The course is a basic introduction to psychopharmacology non-medical counselors. Basic neuropsychological principles will be discussed and applied 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 medications are used and how the application of various psychopharmacological medications can affect the counseling process.
581. **Child and Adolescent Psychology.** Examines the bio-psychosocial issues of children and adolescents. Psychological theories and counseling interventions that address the emotional needs of children and adolescents are studied. Emphasis is given to the diagnosis of psychological disorders and psychological treatment.
589. **Independent Study.** Individual instruction. May be repeated when topics vary.
597. **Special Topics.** Organized class. May be repeated when topics vary.

Reading (RDG)

501. **Fundamentals of Reading Instruction.** This course is designed for prospective teachers who have little or no knowledge about teaching reading. Major reading skills and techniques for teaching them are studied.
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 will focus on evidence based reading interventions for the struggling reader. The essential components of effective reading instruction, scientifically based reading strategies, and appropriate literacy assessments will be addressed. This course will assist the reading specialist in acquiring the necessary understanding and techniques to close achievement gaps in reading.
- 561. Clinical Practicum in Reading.** This course will focus on evidence based reading instruction. The features of effective reading instruction, scientifically based reading strategies, and appropriate literacy assessments will be applied in a clinical setting. This course will assist the reading specialist in acquiring the necessary understandings and techniques to facilitate reading instruction for all students.
- 562. Prescriptive Reading.** The classroom teacher will be provided 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.** Designed to assist 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 process of gathering evidence of reading proficiency using appropriate data sources and interpretations will be addressed. 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.** Individual instruction. May be repeated when topics vary.

Sociology (SOC)

- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 597. Special Topics.** Organized class. May be repeated 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 to be covered include inclusion, accessible design, and using technology to meet the objectives of 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. Major emphasis will be on current public school regulations and practices established through the influence of litigated decisions and legislation.
- 540. Introduction to Exceptionalities.** This course is designed to give 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. Current research, issues, and trends are explored.
- 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. Interpretation and application of evaluation results are emphasized. Current research, issues and trends are explored.
- 542. Methods for Exceptional Learners.** This course prepares teachers to meet the needs of learners with disabilities, ages 3-21. 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 is designed to provide 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 Diagnosticians.** This course is designed to provide the student with experiences needed to develop legal and educationally beneficial Individual Education Programs (IEPs). Students will learn to write IEP goals in which student progress can be measured and documented for decision-making purposes. Assessment results in response to intervention and present levels of functioning will be linked to write instructional goals that provide access to the general curriculum for individual students. Other areas to be included in instructional planning activities are adaptive skills, behavioral/social skills, skills necessary for transitioning from school to post-secondary functioning, and language/communication skills. Collaborative planning with parents of students with exceptionalities, other school personnel, and agency personnel will be stressed. Prerequisite: SPED 546 and 549.
- 549. Achievement Assessment.** (4 SCH) This course explores is designed to provide the student with experiences necessary to develop competent skills in individual achievement assessment for children, adolescents, and adults. Specific emphasis is on the administration and interpretation of formal standardized instruments.
- 566. Behavior Management and Motivation.** This course examines different motivational and behavior management theories and strategies. Techniques used with individual students will be emphasized. The use of functional behavioral assessment, as well as its application to intervention planning are emphasized. Current research, issues, and trends will be explored.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 597. Special Topics.** Organized class. May be repeated when topics vary.

COURSE DESCRIPTIONS
College of Science, Technology, Engineering, and Mathematics--
Undergraduate Course Descriptions

Biology (BIOL)

- 1106. Biology for Science Majors I Lab.** 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. Concurrent enrollment in the lecture portion BIOL 1306 is recommended in order to gain maximum benefit from this course (1 SCH).
- 1107. Biology for Science Majors II Lab.** This course provides students with hands-on exploration in the biological sciences. Content includes a survey of plants, animals, and microorganisms as well as studies of basic biological processes such as digestion, circulation, and nervous system function. Concurrent enrollment in the lecture portion BIOL 1307 is recommended in order to gain maximum benefit from this course (1 SCH).
- 1306. Biology for Science Majors I.** This course introduces the student to 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. Concurrent enrollment in the laboratory portion BIOL 1106 is recommended in order to gain maximum benefit from this course.
- 1307. Biology for Science Majors II.** This course introduces the student to the nature of science and the application of science to contemporary issues. Content includes plant form and function, animal form and function and ecology. Concurrent enrollment in the laboratory portion BIOL 1107 is recommended in order to gain maximum benefit from this course.
- 1308. Biology for Non-Science Majors I.** 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.** 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 & Physiology I.** (3-3). 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 & Physiology II.** (3-3). 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.** (3-1). This course provides an introduction to the basic principles of environmental biology, ecology, and the relationship between humans and the natural world. This course will provide an understanding of bio-diversity of the interactions of ecosystem components. Conservation, pollution, energy, and other contemporary ecological problems will also be addressed. (4 SCH) Corequisite: MATH 1314 or higher.
- 289. Independent Study.** Independent study in Biology. May be repeated when topics vary.
- 307. General Ecology.** (2-2). The principles of ecology, with special reference to populations and their ecosystems, distribution, biotic communities, and environmental relationships. Field trips required. Prerequisite: BIOL 1306 and 1106, and 1307 and 1107.
- 308. Invertebrate Zoology.** (2-2). Explore the diversity of invertebrate types, morphologically, embryologically, and physiologically. The ecological role of invertebrates will be emphasized. Prerequisite: BIOL 1306 and 1106, and 1307 and 1107.
- 310. Genetics.** (2-2). 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.** (2-2). Introduction to modern microbiology with emphasis on prokaryotes; includes 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.
- 402. Cell and Molecular Biology.** (2-2). 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.
- 403. Environmental Physiology.** This discipline is principally concerned with how animals are physiologically adapted to the environment in which they live. In this course, the focus is mainly on animals, although

- some plant examples will be included as well. Another objective of this course is to enable the student to apply knowledge about physiology and adaptation to identifying appropriate questions for research and correctly interpreting data. The general procedure to accomplish these objectives is to introduce the physiological problems that animals must deal with and then discuss the solutions to those problems that have evolved in different animals. This course is strongly recommended for pre-professional students and biology majors. Prerequisite: two freshmen level biology courses for biology majors and one freshman level chemistry course for biology majors.
- 407. Research and Management Techniques for Wildlife and Habitats.** (1-4). Instruction in current wildlife techniques including habitat evaluation and manipulation, estimation of animal abundance, capture and marking, aging, radio telemetry, necropsy, and condition assessment. Prerequisite: BIOL 307 and Junior standing.
- 408. Landscape Ecology and Geographic Information Systems.** (2-2). Landscape ecology, a relatively new field within modern ecology, emphasizes large areas and the ecological effects of spatial pattern on ecosystems. Students learn to use geographic information systems and global positioning systems to solve modern problems in landscape ecology. Lectures, laboratories, and special assignments will convey important concepts and facts in landscape ecology and the operations of GIS. Prerequisite: BIOL 307.
- 410. Biochemistry I.** (2-2). BIOL 410 is the first semester of a one-year course. The first semester covers the structure, function, and metabolism of amino acids and proteins and simple and complex carbohydrates. Emphasis will be on understanding biochemistry from a biological point of view and on providing information on how biochemical events are regulated in living tissues. Prerequisite: General Chemistry I and II and Organic Chemistry I and II. Cross-listed with CHEM 410.
- 411. Biochemistry II.** (2-2). BIOL 411 is the second semester of a one-year course. The second semester covers the structure, function, and metabolism of lipids and nucleic acids. Emphasis will be on understanding biochemistry from a biological point of view and on providing information on how biochemical events are regulated in living tissues. Prerequisite: General Chemistry I and II, Organic Chemistry I and II, and Biochemistry I. Cross-listed with CHEM 411.
- 437. Herpetology.** (2-2). A survey of the vertebrate Classes Amphibia and Reptilia, including frogs and toads, caecilians, salamanders, turtles, lizards, amphibians, snakes, rhynchocephalans, and crocodilians. The study of classical taxonomy, ecology, natural history, and diversity as well as amphibian and reptilian adaptations associated with nutrition, locomotion, behavior, thermoregulation, and reproduction. The course will focus on the evolution of amphibian and reptilian lineages and the evolutionary ecology of the major groups. Emphasis will be on those species found in the southwestern United States (particularly the ARKLATEX region). Prerequisite: Two semesters of biology.
- 440. Vertebrate Biology.** The purpose of this course is to familiarize the student with general taxonomy, biology and ecology of vertebrates. Prerequisite: BIOL 1307.
- 449. Vertebrate Histology.** (2-2). The study of the cell and fundamental tissue types to include the microscopic structure of the organ systems of representative vertebrates. Emphasis will be on the relationship between microscopic structure and function. Prerequisite: Two semesters of biology, anatomy, and physiology.
- 450. Limnology.** (2-2). Study of the biological, chemical, and physical characteristics of the freshwater environment. Prerequisite: Two semesters of biology.
- 464. Independent Research.** Research in biology conducted under faculty guidance. Prerequisite: Two semesters of biology and instructor permission.
- 466. Evolutionary Biology.** (2-2). 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.** (2-2). The study of basic concepts, techniques, practices, and procedures of criminalistics, including the most current technologies in forensic analysis. Criminal investigation of actual cases will be discussed with a minimum of scientific terminology. In addition, the nature of physical evidence will be emphasized, including the use of DNA profiling. Strongly recommended for Criminal Justice majors and Pre-Allied Health track students in Biology. Prerequisite: Junior or Senior standing. Cross-listed with CJ 472 and CHEM 472.
- 481. Seminar in Biology.** Student participation in general and specific topics in biology. May be repeated in a different topic. Usually taken during last semester or last year. Prerequisite: Senior standing.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary. Prerequisite: Two semesters of biology and instructor permission.
- 490. Introduction to Biotechnology.** 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.** Organized class. May be repeated when topics vary.

Chemistry (CHEM)

- 1111. General Chemistry I Lab.** (1-1). This course introduces students to basic laboratory experiments supporting theoretical principles presented in CHEM 1311. The students will be introduced to the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports. Corequisite: CHEM 1311.
- 1112. General Chemistry II Lab.** (1-1). This course introduces students to basic laboratory experiments supporting theoretical principles presented in CHEM 1312. The students will be introduced to the scientific method, experimental design, chemical instrumentation, data collection and analysis, and preparation of laboratory reports. Corequisite: CHEM 1312.
- 1117. General Chemistry for Engineering Students Lab.** (2-2). This course introduces students to basic laboratory experiments supporting theoretical principles presented in CHEM 1307. The students will be introduced to the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports. Corequisite: CHEM 1307.
- 1307. General Chemistry for Engineering Students.** This course is intended to provide engineering students with a background in important concepts and principles of chemistry. Emphasis will be placed on those areas considered most relevant in an engineering context, and practical applications in engineering and technology will be examined. Corequisite: MATH 1314 or MATH 2412. High school chemistry is strongly recommended.
- 1311. General Chemistry I.** 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.
- 1312. General Chemistry II.** 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.** (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.** (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.** 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. Prerequisite: CHEM 1312 with a grade of C or better.
- 351. Physical Chemistry I.** This course introduces students to the field of physical chemistry. The students will be introduced to fundamental theories of chemistry involving a detailed study of the properties of matter in the gaseous, liquid, and solid states. Properties of solutions, colloids, and elementary principles of thermodynamics and thermochemistry are given extensive consideration. Prerequisite: CHEM 1312, MATH 2413 and 2414 with grade of C or better.
- 405. Environmental Chemistry.** (3-3). This 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. Prerequisites: CHEM 1311, CHEM 1312, CHEM 2423 and CHEM 340--all passed with a C or better.; Corequisite: CHEM 351.
- 410. Biochemistry I.** (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. Emphasis will be on 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.** (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. Emphasis will be on 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). The study of basic concepts, techniques, practices, and procedures of criminalistics, including the most current technologies in forensic analysis. Criminal investigation of actual cases will be discussed with a minimum of scientific terminology. In addition, the nature of physical evidence will be emphasized, including the use of DNA profiling. Strongly recommended for Criminal Justice majors and Pre-Allied Health track students in Biology. Prerequisite: CHEM 1311 and BIOL 1306. Cross-listed with BIOL 472 and CJ 472.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 490. Introduction to Biotechnology.** This course will explore the principles and applications of DNA science with special reference to recombinant DNA technology as the platform for on-step production of biofuels and renewable chemicals. Prerequisite: CHEM 410, CHEM 411, OR BIOL 410 and BIOL 411. Cross-listed with BIOL 490.

Computer Science (COSC)

- 1315. Introduction to Computer Science.** This course is intended to teach 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. There will also be a strong emphasis on 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 college algebra, elements of linear algebra, probability and statistics. Prerequisite: MATH 2305 and 2413.

Computer Science (CS)

- 305. Data Structures.** Emphasis of this course is on 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. This course also explores recursion, the close relationship between data structures and algorithms and the analysis of algorithm complexity ('O' notion). Hands-on programming is a central component of this course. Mini-labs and programming assignments are administered. Assignments will focus on the design, implementation, testing and evaluation of various data structures.
- 310. Analysis of Algorithms.** This course introduces basic elements of the design and analysis of computer algorithms. Topics include asymptotic notations and analysis, parallel sorting networks, divide and conquer, greedy methods and matroids, dynamic programming, basic graph algorithms, NP-completeness, approximation algorithms, and network flows analysis. For each topic, beside in-depth coverage, one or more representative problems and their algorithms shall be discussed. In addition to the design and analysis of algorithms, students are expected to gain substantial discrete mathematics problem solving skills essential for computer engineers. Prerequisite: MATH 2305 and 2413. Cross-listed with EE 310.
- 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 compute 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.** Basic hardware/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; the design and I/O modules, memory, control unit and arithmetic unit. Prerequisite: CS 320 or EE 321. Cross-listed with EE 340.
- 352. Java Programming.** This course is intended to teach 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. Structured programming will be introduced through techniques designed to solve 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 is intended to teach advanced C++ and/or Java advanced programming concepts. It provides an overview of advanced programming concepts, design and to coding using the C++ and/or Java language. It has a focus on creating working computer programs in C++ and/or 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/or Java language in a Windows, Linux or equivalent environment. Structured programming will be introduced through techniques designed to solve mathematical, scientific and engineering problems. Laboratory exercises provide practice in writing programs and reinforces advanced programming concepts, logic flow, and structured design. Prerequisites: CS 332 or EE 332, and CS 352.
- 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. Techniques which allow reasoning under uncertainty will be introduced and analyzed. Bayesian networks and other probabilistic reasoning models will also be considered. Basic principles of the learning theory will be observed and real world applications of AI, such as expert based systems and natural language representation will be considered. Prerequisite: COSC 1315 and MATH 2305.
- 361. Database System & Design.** This course provides the basic concepts of management of database systems. Major emphasis is placed on understanding the various database management functions and providing database support for the organization. Topics covered include types of database models, database design: Entity-Relationship diagram, 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. The database software used in this course is Oracle 10g (SQL, PL/SQL) and SQL Server 2005. Laboratory exercises provide practice in writing programs and reinforce concepts. Prerequisite: CS 332 or EE 332.
- 362. Engineering Robotics.** This course provides the basic concepts including but not limited to rigid-body transformations, forward and inverse positional kinematics, dynamics, linear control, non-linear control, force control methodologies, mechanical design aspects and programming of robots. Students will learn to design robotic control using advanced programming of LEGO RoboLab equipment. Laboratory exercises provide experience with robot programming and robot simulation control. Students will design, program and construct robots to accomplish specified challenges as they build problem solving skills. 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, 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, 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 will help students to accomplish specified challenges as they build problem solving skills. Prerequisite: COCS 1315 and COSC 2318 or MATH 335.
- 367. Software Engineering.** This course will offer a wide perspective on software development, including requirements analysis, technical design, estimating, programming style, testing and quality, and management issues. Prerequisite: Instructor permission.

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.
380. **Automata Theory.** A study of the basic types of abstract languages and their acceptors; the Chomsky hierarchy; solvability and recursive function theory; application of theoretical results to practical problems. Prerequisite: MATH 2305.
390. **Ethics in Technology.** This course examines ethical issues and moral problems that are faced by engineers, computer scientists and information technology professionals. Course covers issues such as moral/ethical relevance, professional responsibilities, privacy, intellectual property, risks and liabilities. Students review case studies of ethical conflicts in work environment and resolve theoretical situations through application of ethical codes. Cross-listed with EE 390.
410. **Operating Systems.** The principles and concepts that govern the design of modern computer operating systems are studied. Managing computing resources such as the memory, the processor and the Input/Output devices are covered – algorithms for CPU scheduling, memory and general resource allocation; process coordination and management; case studies of several operating systems. Operating systems also manage the authentication, accounting and authorization aspects in a multi-user system. Issues and limitations imposed on a computing environment by the choice of different operating systems are also explored. Prerequisite: CS 305.
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.** Several computer networking concepts are covered including the OSI reference model for networking protocols, TCP/IP implantation, internetworking technologies such as frame relay, FDDI, X-25, ISDN services, the Internet, and the World Wide Web. The use of internetworking software applications, routing/switching hardware and algorithms, security, intranets and intranet servers and browsers, networks and network servers, LANs/WANs. The course will also include case studies of existing networks and network architectures. Prerequisite: instructor permission.
425. **Distributed Computing.** Concepts of heterogeneous multi-computer systems, distributed operating systems are covered. Communication in a client/server model using RPC, Message oriented communications, remote object invocation, and stream oriented communication for multimedia environments, distributed processes and software agents. Other distributed system concepts such as clock synchronization, data consistency and replication, fault tolerance, security and distributed component and file systems are also covered. Prerequisite: CS 410 and CS 420.
435. **Mobile and Wireless Networks.** This course will cover a broad selection of topics in mobile data communications such as various wireless networking technologies (Bluetooth, 802.11, 802.16, satellite communication), mobile IP and ad hoc routing algorithms, mobile TCP, mobile data management, location dependency/awareness, mobile applications/services, security issues and user interface issues. Prerequisite: CS 420.
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 covered 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.
466. **Computer Game Design & Programming.** This course teaches, mainly by examples, the fundamental concepts of computer game design and programming using Windows and/or Unix platforms with languages such as C/C++ C# and/or Java and using tools such as Microsoft XNA Game Studio 3.0 for web-based gaming and XBOX 360. The C/C++, C# and/or Java languages are used for this course because they are the standard language used for most commercial games. In this course, students will learn how to design 2D and/or 3D games for Windows and/or Unix, creating a simple game as part of the course. They will also learn how to apply artificial intelligence toward game programming and design. Laboratory exercises provide practice in writing programs and reinforce concepts. Prerequisite: CS 353 and 305 or EE 305.
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 (mostly spatial domain image enhancement, but some essential elements of the frequency domain enhancement will also be considered), 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, 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 will help them to accomplish specified challenges as they build problem solving skills. Prerequisite: COSC 1315 and 2318 or MATH 335.

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.** Individual instruction. May be repeated when topics vary.
497. **Special Topics.** Organized class. May be repeated when topics vary.

Electrical Engineering (EE)

289. **Independent Study.** Individual instruction. May be repeated when topics vary.
310. **Algorithm Analysis.** This course introduces basic elements of the design and analysis of computer algorithms. Topics include asymptotic notations and analysis, parallel sorting networks, divide and conquer, greedy methods and matroids, dynamic programming, basic graph algorithms, NP-completeness, approximation algorithms, and network flows analysis. For each topic, beside in-depth coverage, one or more representative problems and their algorithms shall be discussed. In addition to the design and analysis of algorithms, students are expected to gain substantial discrete mathematics problem solving skills essential for computer engineers. Prerequisite: MATH 2305 and 2413. Cross-listed with CS 310.
317. **Information Theory.** Information theory is derived from 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 is concerned with information entropy, communication systems, data transmissions and rate distortion theory, cryptography, data compression, error correction, and related topics. Prerequisite: MATH 453 or 457.
319. **Introduction to Circuits.** This course will cover 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 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, 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 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 used for the design and analysis of continuous linear systems, as well as analog signals. Topics covered in this course 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. It is based on 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 be taught the fundamentals of programming. These concepts are applicable to programming in any language. Topics covered 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 acquired in this course will provide students

- 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 learned in EE 335 (Electronics) class.
- 340. Computer Architecture.** Basic hardware/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; 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. Emphasis is placed on time-varying topics, such as transmission lines, Maxwell's equations, and plane and guided waves. The basic concepts of electromagnetic fields, including field vectors, and potentials will be covered. Prerequisites: MATH 315 and PHYS 2426.
- 390. Ethics in Technology.** This course examines ethical issues and moral problems that are faced by engineers, computer scientists and information technology professionals. Course covers issues such as moral/ethical relevance, professional responsibilities, privacy, intellectual property, risks and liabilities. Students review case studies of ethical conflicts in work environment and resolve theoretical situations through application of ethical codes. Cross-listed with CS 390.
- 425. Signals and Systems II.** This course lays the foundation of the knowledge needed to process information digitally using a variety of hardware platforms, and provides theoretical concepts and mathematical tools used for the design and analysis of discrete time linear systems as well as discrete time signals. Topics covered in this course 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 used for special analysis, filtering, and transmission of analog signals. Topics covered in this course 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 digital circuits placed on IC (Integrated Circuit) chips has significant impact on the cost of testing such chips. Testing is performed to ensure that function/performance have not been altered during fabrication. This course introduces current testing techniques for digital circuits and design strategies used to enhance their testability. Prerequisite: CS 320 or EE 321.
- 465. Very-Large-Scale Integrated (VLSI) Design.** This course will cover basic theory and techniques of digital VLSI (Very-Large-Scale Integrated) circuit 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 are implemented on a VLSI chip. Prerequisite: EE 321 or CS 320.
- 469. Wireless Communications.** This course introduces students to the fundamental principles of wireless communication system analysis and design, providing theoretical concepts and mathematical tools used 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 used in the computer/semiconductor industry. This course will teach students the use of VHDL language for representation of digital signals, use of IEEE standard logic packages/libraries, design description, design of arithmetic, combinational, and sequential circuits. Prerequisite: 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 as practiced in industry. This course requires students to develop a project based on the knowledge and skills acquired in earlier coursework and integrate their technical knowledge through practical design efforts. The work is performed as a team in accordance with ABET requirements. Each team is comprised of two to three students. Prerequisite: EE 321, 322, 325, 326, 340, 390, and 470.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 497. Special Topics.** Organized class. May be repeated when topics vary.

Engineering (ENGR)

- 1201. Introduction to Engineering.** This course provides an introduction to the engineering profession. Information on the different disciplines of engineering will be presented. Professional and ethical aspects of engineering are covered. An introduction to problem solving and the engineering design process with the utilization of various computer applications are covered. Various forms of technical communication are emphasized. Prerequisites: MATH 1314 or higher with a minimum grade of C. Corequisite: MATH 1314 or higher.
- 1204. Engineering Graphics I.** An introduction to computer-aided drafting. Emphasis is placed on drawing setup, creating and modifying geometry, adding text and dimensions, using levels, coordinate systems, and plot/print scale. Technical drawing skills including freehand sketching, text, orthographic projection, dimensioning, sectional views, and other viewing conventions will be developed.
- 2303. Principles of Engineering I: Statics and Dynamics.** Unified presentation of conservation principles applied 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. Electronics Circuits I.** Current, voltage, power and energy, Kirchhoff's current and voltage laws, resistance, capacitance, inductance, series and parallel combinations of circuit elements will be introduced. Superposition, mesh current and node voltage analysis, complex numbers, signals, communications, modulation, binary number systems, Boolean algebra, and logic elements will be emphasized. Prerequisite: MATH 2413. Corequisite: PHYS 2326 and 2126.
- 333. Principles of Engineering II: Thermodynamics and Fluids.** 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 work week. Prerequisite: Junior standing and approval of STEM Dean.
- 432. Engineering Internship II.** This course provides the second phase of the experience in 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 work week. Prerequisite: ENGR 431 and approval of STEM Dean.

Environmental (ENVR)

- 1401. Environmental Science I.** Interdisciplinary study of both natural (biology, chemistry, geology) and social (economics, politics, ethics) sciences as they apply to the environment. Focus on current global concerns, including: global warming, overpopulation, deforestation, pollution, biodiversity and resource use. Practical laboratory experience emphasizes the application of fundamental principles of biology and chemistry as well as critical thinking and analysis. Corequisite: MATH 1314 and higher.
- 1402. Environmental Science II.** A continuation of the study in environmental science focusing on the fundamental principles of environmental systems including biodiversity, agriculture, urbanization, and global climate change. Energy sources, pollution, waste management, and sustainable environmental solutions will be also be discussed. An emphasis will be placed on local ecosystems and individual responsibility. Practical laboratory experience emphasizes the application of fundamental principles of biology and chemistry as well as critical thinking and analysis. Prerequisite: ENVR 1401.

Geology (GEOL)

- 1305. Principles of Environmental Geology.** This course provides students with an introduction to geology focusing on real-world applications through case studies.

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 & Alternative Health Care.** An introduction to the practice of complementary and alternative health care. Such modalities as homeopathy, herbal medicine, acupuncture, and massage therapy will be discussed. Alternative practitioners from the community will be utilized 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 discussed 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.** Topics in this course include arithmetic operations on whole numbers, fractions, decimals, integers; ratio/proportion, percentages, measurements, interpretation of graphs and statistics, geometry; exponents, algebraic expression and problem solving.
- 0301. Elementary Algebra.** This course is designed to provide an intensive overview/review of basic algebraic topics that include: algebraic expressions, equations, inequalities, and problem solving, polynomials and factoring, rational expressions and equations, systems of equations and graphing, radical expressions and equations, quadratic equations, and applications.
- 0302. Intermediate Algebra.** This course is designed to provide an intensive overview/review of intermediate algebraic topics that include rational expressions and equations, linear equations and inequalities, radicals, quadratic equations, graphs, and applications. This course is intended for students who place below the minimum score on entrance assessment test in mathematics.
- 1314. College Algebra.** A study of quadratics, polynomial, rational, logarithmic, and exponential functions, systems of equations, sequences and series, and matrices and determinants. Prerequisite: Must have satisfied the Math portion of TSI.
- 1316. Plane Trigonometry.** Topics include sets, ordered relations, number intervals, trigonometric functions, radian measure, variations and graphs of the functions, solution of right triangle and applications, inverse functions, general triangle, and complex numbers.
- 1324. Mathematics for Business and Social Sciences I.** Students will learn sets, probability, inequalities, and linear programming with applications. Prerequisite: Must have satisfied the Math portion of TSI.
- 1325. Business Calculus.** Limits and continuity, derivatives, graphing and optimization, exponential and logarithmic functions, antiderivatives, integration, applications to management, economics, and business. Prerequisite: MATH 1324 with a grade of "C".
- 1350. Fundamentals of Mathematics I.** This course covers concepts of sets, functions, numeration systems, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. Prerequisites: MATH 1314.
- 1351. Fundamentals of Math II.** Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. This course is designed specifically for students who seek elementary and/or middle grade teacher certification. Prerequisite: MATH 1350.
- 2305. Discrete Mathematics.** A course designed to 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. Prerequisite: MATH 1314.
- 2342. Elementary Statistical Methods.** Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology will be utilized. Prerequisite: MATH 1314 or 1324 with C or better.
- 2412. Pre Calculus. (4 SCH)** This course provides a study of the fundamental topics of calculus. Topics include applications of algebra and trigonometry, elementary functions and their graphs, polynomial, rational, exponential, and logarithmic functions, solutions to equations and inequalities, trigonometric functions, analytic geometry, and polar coordinates.
- 2413. Calculus I. (4 SCH)** Limits and continuity; the Fundamental Theorem of Calculus; definition 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; definite and indefinite integration of algebraic, trigonometric, and transcendental function, with an application to calculation of areas. Prerequisite: MATH 1314 or higher with a minimum grade of C.
- 2414. Calculus II. (4 SCH)** Techniques and applications of integration, trigonometric functions, sequences and series, indeterminate forms, improper integrals, applications to elementary differential equations, and applications. Prerequisite: Calculus I with a grade of C or better.

- 2415. Calculus III. (4 SCH)** Three dimensional analytic geometry and vectors, differentiation and integration of vector-valued functions and motion in space, arc length and curvature, functions of several variables, partial derivatives, multiple integrals, integration in vector fields, and applications. Prerequisite: Calculus II with a grade of "C" or better.
- 289. Independent Study in Mathematics.** Individual instruction. May be repeated when topics vary.
- 315. Differential Equations.** A modern introduction to differential equations using graphical and numerical as well as symbolic techniques. First-order, second-order, and systems of differential equations with applications. Computer software will be used. Prerequisite: Completion of calculus sequence.
- 321. Modern Geometry.** Properties of finite geometrics and of points, lines, triangles, and circles in Euclidean geometry. computer geometry software will be utilized. Prerequisite: Calculus I.
- 334. Introduction to Abstract Algebra.** Properties of the integers, permutations, groups, rings, integral domains, and fields. Prerequisite: Calculus II.
- 335. Linear Algebra.** Systems of linear equations, matrices, vector spaces, determinants, eigenvectors, eigenvalues, linear transformations, applications. Appropriate technology will be utilized. Prerequisite: Calculus I.
- 352. Math Foundations and Application.** Further study in mathematics including geometry, probability, statistics, applications of trigonometry, and conceptual calculus. Appropriate technology will be used. Prerequisite: MATH 1314, 1316, 1350, and 1351.
- 355. Statistical and Geometrical Concepts.** Mathematics course emphasizing statistical and geometrical concepts. Appropriate technology will be used. Technology includes using Blackboard, computer software, calculators. Prerequisites: MATH 1314 and MATH 1350.
- 415. Numerical Analysis.** The study and use of numerical methods for the solution of mathematical problems such as linear systems or equations, curve fitting, root finding, differentiation, and integration. Prerequisites: MATH 2414 and COSC 1315.
- 426. Problem Solving.** Effective problem solving strategies will be applied 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 discover approach to allow students to scaffold their critical thinking skills into a mathematical problem solving rubric. Logical reasoning will be emphasized in all strategies to distinguish the importance of the process of problem solving rather than just finding the answer. 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. Prerequisites: MATH 321, 335, 430, 437, and 457--all with a C or better.
- 430. Mathematical Modeling.** Applications of a variety of mathematical techniques across many different areas. Discrete and continuous models, theoretical and empirical models, deterministic and probability models and analytic and simulation models will be considered. Tools for the course include computer software as well as hands-held technology. Prerequisite: MATH 2414.
- 437. Number Theory.** Mathematical induction, divisibility, primes and composites, congruencies, fundamentals of arithmetic, Pythagorean triples, cryptology. Computer software will be utilized. Prerequisite: Calculus I.
- 457. Probability and Statistics.** Probability, discrete and continuous distribution, estimation, and hypothesis testing. Appropriate technology will be utilized. Prerequisite: Calculus I.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 493. Capstone in Mathematics.** Conclusion of preparation of a portfolio of mathematical experiences composed of artifacts from throughout a student's time in upper-level mathematics classes. Presentation of a selected portfolio artifact will be required. Prerequisite: Senior standing and instructor permission. Graded on Satisfactory (S) or Unsatisfactory (U) basis.

Nursing (NURS)

- 301. Professional Nursing Practice. (3 SCH)** Emphasis is on the history, philosophy, concepts and theoretical foundations that contribute to defining professional nursing practice, and emphasis is on socialization into professional nursing practice. Incorporates exploration and comparison of personal philosophy of nursing care.
- 302. Health Assessment Across the Life Span. (3 SCH)** Introduces the concepts and techniques of health and cultural assessment of individuals and families across the life span, for use with the nursing process. Emphasizes history/data collection and critical analysis in situations of health and deviations from health. Laboratory experiences enable student practice of clinical assessment skills, analysis and decision-making for nursing practice.

- 303. Leadership and Management in Nursing Practice.** (4 SCH) Focus is on the concepts of leadership and management, and their implications for delivery of professional nursing care. 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 are included.
- 305. Professional Nursing Practice with Individuals and Families.** (3-3). (4 SCH) In this course students are expected to synthesize knowledge from all previous courses as care is provided to people with complex, unpredictable, or chronic health needs, in diverse settings where decision-making may or may not be supported by established protocols or direct supervision. The student will be self-directed in development of learning objectives and in suing 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. Emphasis is placed on 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. Pharmacology, pain management, crisis intervention, and discharge planning are included.
- 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) The research process is examined as a means of generating knowledge for nursing practice. The steps in the research process are discussed with the goal that the student will become a knowledgeable consumer of nursing research. In addition to research methodology, emphasis is on 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) Introduces community-based nursing practice and the role of various systems for care of individuals, families, and high-risk groups. Focus is on 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 use of nursing process for direct care and family teaching in community settings, assessment of the environment of care, and on interventions for vulnerable populations.
- 407. Quality Issues and Responsibilities in Professional Nursing Practice.** (2 SCH) A seminar course that explores political, legal, ethical, and policy issues affecting the quality of health care delivery and nursing practice. The responsibility and means by which professional nurses can affect quality are included.
- 489. Independent Study.** Individual instruction. May be repeated when topics vary.
- 497. Special Topics.** Organized class. May be repeated when topics vary.

Physics (PHYS)

- 1101. College Physics I Lab.** Physics lab covers elementary vector algebra, mechanics, heat, thermodynamics and sound. Corequisite: must be taken concurrently with PHYS 1301.
- 1102. College Physics II Lab.** Physics lab covers electricity and magnetism, light and modern physics. Corequisite: must be taken concurrently with PHYS 1302.
- 1301. College Physics I.** Algebra-level physics sequence for students in pre-professional programs, biology, geology, or architecture who do not expect to do additional work in engineering or physics. Corequisite: MATH 1314 or higher.
- 1302. College Physics II.** 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. Covers electricity and magnetism, light, and modern physics. Corequisite: MATH 1314 or higher.
- 2125. University Physics I Lab.** Physics lab covers elementary vector algebra, mechanics, heat, thermodynamics and sound. Corequisite: MATH 2413 and must be taken concurrently with PHYS 2325.
- 2126. University Physics II Lab.** This lab covers electricity and magnetism, light and modern physics. Corequisite: PHYS 2326 and MATH 2413.
- 2325. University Physics I.** This course is a calculus based physics sequence for students in pre-professional programs, biology, geology, or architecture who do not expect to do additional work in engineering or physics. Topics include elementary vector algebra, mechanics, heat, thermodynamics, and sound. Corequisite: MATH 2413.
- 2326. University Physics II.** Calculus based physics sequence for students in pre-professional programs, biology, geology, and architecture who do not expect to do additional work in engineering or physics. Covers electricity and magnetism, light, and modern physics. Corequisite: MATH 2413

289. Independent Study in Physics. Individual instruction. May be repeated when topics vary.

College of Science, Technology, Engineering, and Mathematics— Graduate Course Descriptions

Biology (BIOL)

- 510. Contemporary Issues in Biology I.** 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, Genetic Disorders and Gene Therapy.
- 511. Contemporary Issues in Biology II.** 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.** This course will focus on Darwin's hypotheses and compare his ideas with modern developments in the study of biological evolution.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary
- 597. Special Topics in Biology.** Organized class. May be repeated 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. Pedagogical strategies, structural models, and reflective teaching will be presented 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. Pedagogical models such as using problem solving through contemporary issues and problem based learning (PBL) will be demonstrated as well as the 5E model.

Chemistry (CHEM)

- 510. Contemporary Issues in Chemistry I.** This course will focus on important contemporary topics in chemistry, specifically focusing on the concepts of the nature of the atom, how the atom interacts with other atoms in chemical bonding, and how those interactions change during chemical reactions. Prerequisite: Instructor permission.
- 511. Contemporary Issues in Chemistry II.** This course will focus on important contemporary topics in chemistry, specifically focusing on the concepts of the behavior of solutions and stoichiometric chemical reactions.
- 589. Independent Study.** Individual instruction. May be repeated when topics vary.

Earth System Science (ESS)

- 589. Independent Study.** Individual instruction. May be repeated when topics vary.
- 597. Special Topics.** Organized class. May be repeated 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 & Alternative Health Care.** An introduction to the practice of complementary and alternative health care. Such modalities as homeopathy, herbal medicine, acupuncture, and massage therapy will be discussed. Alternative practitioners from the community will be utilized 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.** Studies in advanced geometry emphasizing geometries other than Euclidean. Technology will be used where appropriate. Prerequisite: At least 18 hours of undergraduate mathematics including undergraduate geometry.
- 533. Algebraic Structures.** Careful study of common algebraic structures. An emphasis will be placed on those structures supporting the mathematics K-12 curriculum. Technology will be used where appropriate. Prerequisites: at least 18 hours of undergraduate mathematics including Discrete Mathematics.
- 537. Vector Spaces and Linear Transformations.** Vector spaces and linear transformations will be studied from a more algebraic and theoretical viewpoint. Technology will be used where appropriate. The

computer algebra system Maple will be used. Prerequisite: At least 24 hours of undergraduate mathematics; and undergraduate class including Linear Algebra.

545. **Analysis.** Careful study of the underpinnings of calculus from an advanced theoretical viewpoint. Maple software will be used. Prerequisite: at least 24 hours of undergraduate mathematics including Calculus I and Calculus II.
597. **Special Topics.** Organized class. May be repeated when topics vary. Prerequisite: Instructor permission.

Mathematics Education (MAED)

501. **Number Concepts and Algebra.** This course is for elementary mathematics teachers seeking certification as Master Mathematics Teachers. Careful study of number concepts and algebra for the elementary classroom from advanced theoretical, historical, and pedagogical viewpoints. Technology will be used where appropriate. Prerequisite: Acceptance into the Master Mathematics Teacher Certification Program.
502. **Patterns and Geometry.** This course is for elementary mathematics teachers seeking certification as Master Mathematics Teachers. Careful study of patterns and geometry for the elementary classroom from advanced theoretical, historical, and pedagogical viewpoints. Technology will be used where appropriate. Prerequisite: Acceptance into the Master Mathematics Teacher Certificate Program.
503. **Measurement, Probability, and Statistics.** This course is for elementary mathematics teachers seeking certification as Master Mathematics Teachers. Careful study of measurement, probability and statistics for the elementary classroom from advanced theoretical, historical and pedagogical viewpoints. Technology will be used where appropriate. Prerequisite Acceptance into the Master Mathematics Teacher Certificate Program.
520. **Mathematics Methods for Secondary Education.** The purpose of this course is to provide experience with methods for teaching mathematics at the secondary level. Course content will focus on mathematics instruction and contemporary topics as outlined by the NCTM Principles and Standards for School Mathematics. Course instruction is designed to help the beginning mathematics teacher understand how to plan, develop, and implement teaching methods and strategies in the classroom.
529. **Workshop in Math Education.** May be repeated when topics vary. A course designed to provide in-service mathematics teachers with content knowledge and pedagogical techniques for teaching mathematics to grades K-12. Topic areas covered include selections from: problem solving; number and operations; patterns, functions, and algebra; geometry and measurement; data analysis, statistics, and probability. Offered in summer as needed.
589. **Independent Study.** Individual instruction. May be repeated when topics vary.
597. **Special Topics.** Organized class. May be repeated when topics vary.

Nursing (NURS)

501. **Nursing Theory.** Examines the theoretical and conceptual bases of nursing to encourage students to critique, evaluate, and utilize appropriate theory within their own practice. Focus will be on a variety of theories from nursing and related fields. Application and utilization of these theories to provide quality health care in the current health care delivery system will be explored.
502. **Nursing Issues, Policy and Ethics.** This course focuses on the health care delivery system as they impact nursing; specifically health care policy, financing of health care, the role of politics in decision making, and how the health care system is organized. The changing role of the nurse in the health care system as well as current nursing issues will also be addressed. Ethical decision making in the face of constraints such as financial issues will be a major component. The impact of growing cultural diversity in the nursing workforce as well as in those served will be an important thread. Attention will be given to the role of the advanced practice nurse within the health care system as a leader in implementing change. Prerequisite: Student must have graduated with a BSN and be admitted 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: Student must have graduated with a BSN and be admitted to the MSN program.
520. **Administrative Theories.** Theories of leadership and organizational behavior as they apply to the health care arena are explored. A personal philosophy of nursing leadership applicable to a wide variety of roles will be identified. 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: Student must have graduated with a BSN and be admitted to the MSN program.
- 522. Healthcare Economics and Financial Management.** This course focuses on providing the nurse administrator/manager with a basis for understanding the fiscal status of health care organizations. The nurse executive role in financial management, strategic planning and marketing, quality assurance and risk management initiative for health care organizations is explored. Prerequisite: Student must have graduated with a BSN and be admitted 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. Historical, current, and predicted health care policies formulated at the national, state, and local levels are evaluated. The collaboration of nursing in determining and implementing health care policy and understanding legal ramifications is emphasized. Prerequisite: limited to students admitted to the MSN program. Prerequisite: limited to students admitted to the MSN program.
- 529. Nursing Informatics.** Provides an overview of the management of information through application of computer, information, and nursing science concepts. Focuses on how nurses employ information technology within clinical practice, administration, education and research settings to improve communication and the delivery of health care. 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 utilizes 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. Theories of management, leadership, change, and behavior modification are utilized 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.** Individual instruction. May be repeated when topics vary.
- 591. Research Project.** Investigation of 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 project is approved, completed, and defended successfully. Only 6 SCH may apply toward a degree. This course may be done as a group project.
- 595. Thesis.** Original research under the direction of a Faculty Thesis Advisor and committee. The students enroll for subsequent semesters until the thesis is approved, completed and defended successfully. Only 6 SCH may apply toward a degree.
- 596. Healthcare Management.** This course emphasizes the special problems encountered in the nursing health care administration field. The principles of nursing management, leadership, and research are applied in this special environment of the health care profession. Prerequisite: limited to students admitted to the MSN program.

Physics (PHY)

- 510. Contemporary Issues in Physics I.** This course will focus on important contemporary topics on Physics. These topics will include such items as space and space travel, transportation issues, physics in the amusement park, and physics in sports. Prerequisite: Instructor permission.
- 511. Contemporary Issues in Physics II.** This course will focus on important contemporary topics in physics. Heat, sound, electromagnetism, light and atomic theory will be discussed in the context of communication, energy production, the environment, transportation and space exploration. Prerequisite: Instructor permission.

Science Education (SCED)

- 503. Strategies for Teaching Science.** Diagnosis and remediation of instructional strategies in problem areas in elementary and secondary school science. Also included are problems related to curricula design, instructional materials, and child development.
- 504. Guiding Student Research in Science.** This course is designed to train 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 scientific thinking processes will be emphasized in all aspects of the course. Topic areas covered include basic science concepts and basic methodology for guiding students in doing research and science projects.
- 505. Teaching Environmental Science.** This course will concentrate on the basic principles of environmental education using a hands-on approach. Basic environmental principles and how to teach them will be stressed. Offered in summer as needed.

- 506. Earth System Science for K-4 Teachers.** This course is built around 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 to focus on content, pedagogy and technology integration.
- 507. Earth System Science for Grades 5-8 Teachers.** 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 is build around 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.** 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 is learned about Earth system science and Problem-Based Learning to their own grades 9-12 classrooms and school curriculum. The course is built around 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) May be repeated when topics vary. A course designed to provide in-service elementary science teachers with content knowledge and pedagogical techniques for teaching science to elementary school children. Topic areas covered include content in life, earth and physical sciences. The course will utilize hands-on/minds-on methods for teaching science.
- 597. Special Topics.** Organized class. May be repeated when topics vary.