

Undergraduate Bulletin of
TEXAS A&M UNIVERSITY-SAN ANTONIO

VOL. 2

January 2011

No. 2

CATALOG NUMBER
UNDERGRADUATE COURSES
ANNOUNCEMENTS FOR SESSION 2010-2011

Accreditations, Certifications and Approved Programs

Southern Association of Colleges and Schools
Texas A&M University-San Antonio is accredited as a part of Texas A&M University-Kingsville.

Texas A&M University-Kingsville is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the bachelor's, master's, and doctoral degrees. Texas A&M University-San Antonio is part of Texas A&M University-Kingsville and is currently seeking separate accreditation by the Southern Association of Colleges and Schools Commission on Colleges. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Texas A&M University-San Antonio.

Teacher/Educator Certification Accredited by the Texas State Board of Educator Certification in relationship with
Texas A&M University-Kingsville.

Texas A&M University-San Antonio
1450 Gillette Blvd.
San Antonio, Texas 78224
(210) 932-6299
A Member of The Texas A&M University System

GENERAL INFORMATION

Purpose of the Catalog

This catalog is the official bulletin of Texas A&M University-San Antonio for the year 2010-2011, in which are published the record of the year closing, the announcements for the coming year and the official regulations which will be in effect during the coming year. Fees and policies (except standards and requirements for degrees) are, however, subject to change. This catalog may be viewed via the Internet at <http://www.tamusa.tamus.edu>.

The courses of instruction announced herein are those that are available for offering during the sessions of 2010-2011. Courses to be offered during any one semester or summer term are posted in the *Jaguar Connection* prior to registration for a particular semester or term. To meet evolving needs, the University does reserve the right to make changes in courses and to offer only those for which a sufficient number of students register.

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

Student Responsibility

Each student is responsible for knowing the academic regulations in the **Catalog**. Unfamiliarity with these regulations does not constitute a valid reason for failure to fulfill them.

Equal Opportunity Policy

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

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

Family Educational Rights and Privacy Act of 1974 and Amendments Thereto

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

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

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

Student's name, a local and home address, telephone number, major or minor, current class schedule, number of hours enrolled in current semester, classification, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and all previous educational agencies or institutions attended.

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

Standards of Campus Conduct

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

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

Standards of conduct for University employees are detailed in the Texas A&M University *System Policies*. The Texas A&M University-San Antonio *Faculty Handbook* sets forth rules and regulations governing academic freedom and responsibility, sexual harassment, substance abuse, conflict of interests, research policies and other professional issues. Grievance procedures are set forth there.

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

Hazing

Hazing is a criminal violation under Texas law. A person may be found guilty of criminal conduct for hazing, encouraging hazing, permitting hazing, or having knowledge of the planning of hazing incidents and failing to report in writing his/her knowledge to the Assistant Vice President for Student Engagement & Success.

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

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

Any person reporting a specific hazing incident to the Assistant Vice President for Student Engagement & Success or other appropriate institutional official is immune from civil and criminal liability unless the report is in bad faith or malicious.

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

The Education Code defines hazing as "any intentional, knowing, or reckless act occurring on or off the campus of an educational institution, by one person or acting with others, directed against a student, that endangers the mental or physical health or safety of a student for the purpose of pledging, being initiated into, affiliating with, holding office in, or maintaining membership in an organization." The statute contains a list of conduct which constitutes hazing.

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

This act is designed to provide prospective or entering students with information concerning (a) campus security policies and procedures, security services available, campus crime statistics and alcohol and drug use policies; (b) completion or graduation rate of full time certification-seeking or degree-seeking undergraduate students; and (c) graduation rate of student athletes who receive athletic scholarships. This information is contained in an annual report available in the library.

University Assessment

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

Supplementary University Publications

Campus Directory (published by the University Communications Office)

Faculty Handbook (published by the Academic Affairs Office)

Student Handbook (published by the Student Engagement and Success Office)

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ACADEMIC CALENDARS

Academic Year 2010-2011

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

Fall Semester 2010 – TAMU-SA

- Aug. 2 Emergency Loan available for fall
- Aug. 6 Registration Day
- Aug. 13 Registration Day
- Aug. 14 New Student Orientation
- Aug. 20 Registration Day
- Aug. 21 New Student Orientation
- Aug. 26-27 Faculty meetings
- Aug. 28 First Saturday class
- Aug. 30 First class day. Fall Payment Deadline. A \$35 fee will be assessed for paying after this date.
- Aug. 30 Graduation Application Fee Deadline
- Sept. 6 Labor Day- Regular class meetings (no holiday)
- Sept. 7- 14 Permission from professor required to register for classes.
- Sept. 14, 5PM Twelfth Class Day Census Date. NO REGISTRATION BEYOND THIS POINT
- Sept. 14, 5PM Deadline for students applying for Fall 2010 graduation to complete Change of Name and/or Change of Major form(s) at Welcome Center.
- Oct. 1-Dec. 1 Period for students to apply for Spring 2011 graduation.
- Oct. 29 Fall Emergency Loan Due
- Nov. 1 Registration for Spring Semester 2011 begins.
- Nov. 2 Title IV 60% of semester.
- Nov. 3 Last day to drop a course with an automatic “Q”.
- Nov. 25-26 Thanksgiving Holiday
- Dec. 9 Last day to drop a course or withdraw from the University.
- Dec. 10 Last Day of Class
- Dec. 11-17 Final exams
- Dec. 19 Commencement
- Dec. 21 All grades due via the web/Jaguar Connection.

Spring Semester 2011 – TAMU-SA

- Jan. 17 Martin Luther King, Jr. Day Holiday
- Jan. 17-Mar. 17 Period for students to apply for Summer 2011 graduation.
- Jan. 18 Faculty Meetings
- Jan. 19 First day of class
- Jan. 19 Spring Payment Deadline. A \$35 fee will be assessed for paying after this date.
- Jan. 19 Spring 2011 Graduation Application Fee Deadline.

Feb. 3 NO REGISTRATION BEYOND THIS POINT. Twelfth Class Day. Census Date.
Feb. 3 Deadline for students applying for Spring 2011 graduation to complete the Change of Name and/or Change of Major form(s) at the Welcome Center, if applicable.
Feb/ 28 Spring emergency loan payment due
Mar. 14-19 Spring break.
Mar. 28 60% Title IV
Mar. 29 Last day to drop a course with an automatic “Q”.
Apr. 4 Registration for Summer 2011 and Fall Semester 2011 begins.
Apr. 15 Battle of Flowers Parade - no class
Apr. 15-June 15 Period for students to apply for Fall 2011 graduation.
Apr. 22-23 Easter break - no class
May 9 Last day to drop a course or withdraw from the University.
May 10 Last day of class
May 11-17 Final exams
May 22 Commencement
May 24 All grades due via the web at Jaguar Connection.

10-Week Summer Session 2011 – TAMU-SA

May 9 Tuition emergency loan available
June 6 First day of class
June 6 Summer 10 week Payment Deadline. A \$35 fee will be assessed for paying after this date.
June 15 Deadline to apply for Fall 2011 graduation
July 4 Holiday – no class
July 11 Census date
July 18 60% Title IV
July 19 Last day to drop a course with an automatic “Q”.
July 29 Summer emergency loan payment due
Aug. 11 Last day of class
Aug. 12 Final exams
Aug. 16 All Grades for 10-Week Summer Session Due

First 5-Week Summer Session 2011 – TAMU-SA

May 9 Tuition emergency loan available
June 6 First day of class
June 6 Summer 5 week Payment Deadline. A \$35 fee will be assessed for paying after this date.
June 9 Census Date
June 15 Deadline to apply for Summer 2011 graduation.
June 27 60% Title IV
June 28 Last day to drop a course with an automatic “Q”.
July 4 Holiday- no class
July 7 Last day of class
July 8 Final exams
July 12 All Final 1st 5-Week Summer Session grades due

July 29 Summer emergency loan payment due

Second 5-Week Summer Session 2011 – TAMU-SA

May 9 Tuition emergency loan available

July 11 First day of class

July 11 Summer 5 week Payment Deadline. A \$35 fee will be assessed for paying after this date.

July 14 Census Date

July 29 Summer emergency loan payment due

Aug. 1 60% Title IV

Aug. 2 Last day to drop a course with an automatic “Q”.

Aug. 11 Last day of class

Aug. 12 Final exams

Aug. 16 All Final 2nd 5-Week Summer Session grades due

TEXAS A&M UNIVERSITY-SAN ANTONIO

The Texas A&M University System

Michael D. McKinney, *Chancellor*

Board of Regents

Richard A. Box, Austin, *Chairman*
Phil Adams, Bryan/College Station, *Vice Chairman*
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Elaine Mendoza, San Antonio
Judy Morgan, Texarkana
Jim Schwertner, Austin
Cliff Thomas, Victoria
John D. White, Houston
James P. Wilson, Sugar Land
Crescencio Davila, Student Regent, San Antonio

Texas A&M University-San Antonio

University Administration

Maria Hernandez Ferrier, *President*
Administration Building, Room 201 Extension 6208

Brent Marriott Snow, *Provost and Vice President for Academic Affairs*
Administration Building, Room 204 Extension 6217

Kenneth Mitts, *Vice President for Finance & Administration*
Satellite Office, Room 118 Extension 6278

Tracy Hurley, *Interim Associate Vice President for Academic Affairs and Head of the School of Business*
Satellite Campus, Room 103 Extension 6241

Mary Ann Grams, *Associate Vice President for Student Affairs*
Administration Building, Room 220 Extension 6206

Marilu Reyna, *Associate Vice President for University Communications*
Administration Building, Room 207, Extension 6269

Francisco Sanchez, *Assistant Vice President for Enrollment Management*
Administration Building, Room 246 Extension 6227

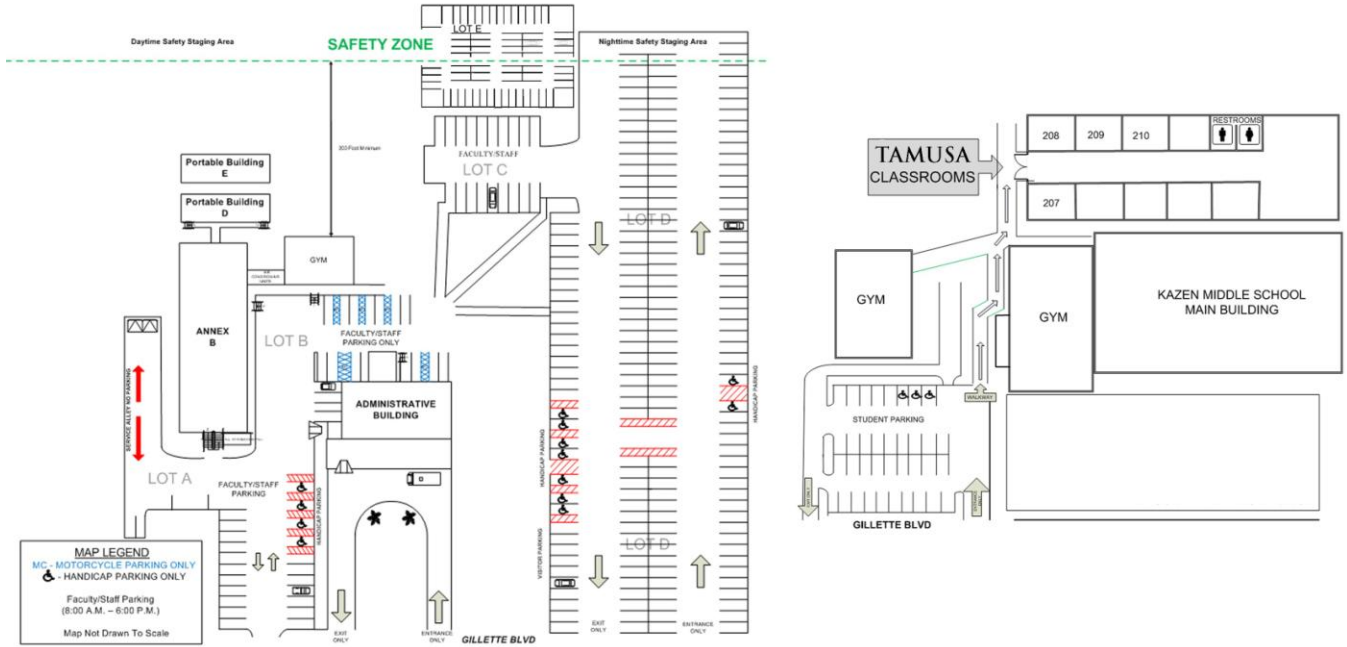
Rick Trefzer, *Assistant Vice President for Finance & Administration*
Satellite Office, Room 118 Extension 6290

Heriberto "Beto" Gonzalez, *Interim Head of the School of Education*
Administration Building, Room 236 Extension 6240

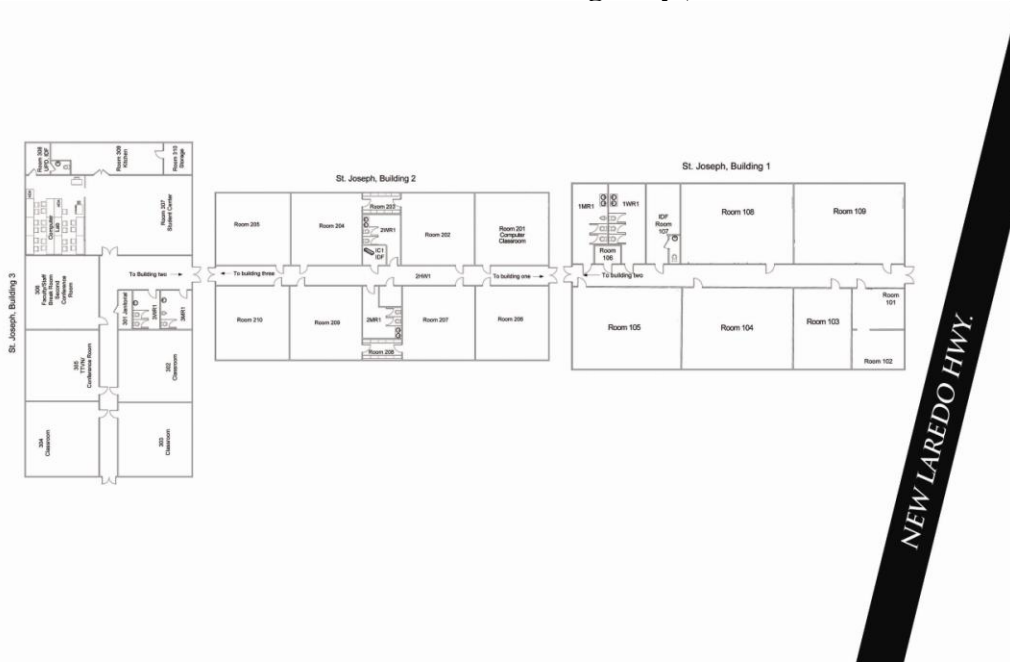
William S. Bush, *Interim Head of the School of Arts & Sciences*
Administration Building, Room 230 Extension 6276

MAPS

Main Campus 1450 Gillette Blvd., San Antonio TX 78224



Satellite Campus 535 New Laredo Highway., San Antonio TX 78211



LOCATION

Situated in San Antonio's South Side, Texas A&M University-San Antonio serves an area comprising the greater San Antonio and Bexar County region and the surrounding South Texas counties. San Antonio, the county seat of Bexar County, is a city of approximately 1,330,000. Texas A&M University-San Antonio's administrative offices are located at 1450 Gillette Boulevard, San Antonio, Texas 78224. Classroom buildings are located at the main campus and the TAMU-SA Satellite Campus at 535 New Laredo Highway, San Antonio, Texas, 78211. The University's permanent campus will be located on approximately 700 acres southeast of the intersection of Loop 410 and S. Zarzamora. The first building on the permanent site is expected to be completed in the summer of 2011.

HISTORY

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

MISSION OF THE UNIVERSITY

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

ADMISSION TO THE UNIVERSITY

Jennifer Zamarripa, *Director of Admissions and Registrar*
Administration Building, Room 246, x6201.

Texas A&M University-San Antonio adheres to high standards of academic excellence and admits students in accordance with their level of academic preparation without regard to race, color, sex, age, religious commitment or national origin. All inquiries about admission, application for admission and transcripts of credit should be addressed to the Office of Admissions. (NOTE: Admission to the University does not guarantee admission to a particular college or academic program.)

Admission Deadlines

It is suggested that applications and required documentation be submitted to the Office of Admissions by the following deadlines to ensure the application is processed prior to the beginning of the semester:

Fall Semester:	August 15
Spring Semester:	December 15
Summer I:	May 15
Summer II:	June 15

International students should refer to the international admissions section of this catalog for deadline information.

Transfer Admission Procedures

1. Submit a completed application for admission, including the \$15 application fee by the stated deadline (see Admission Deadlines). The Apply Texas Application is available online at <https://www.applytexas.org>.
2. Submit official copies of **ALL** transcripts from other universities and colleges attended. Course work taken at other colleges and/or universities will be converted into Texas A&M University-San Antonio equivalents where appropriate.
3. Applications will not be evaluated until all transcripts from previous colleges and/or universities are received.
4. Admission to the University does not guarantee admission to a particular college or academic program.
5. Transfer students who do not meet published admission criteria do not qualify for automatic admission to Texas A&M-San Antonio. Transfer students in this category who wish to receive further review must contact the head of their academic division for consideration. If their academic division head recommends admission, students will be admitted with an academic status of Scholastic Probation and must maintain a 2.0 GPA during their first semester of enrollment at Texas A&M University-San Antonio. Failure to maintain a 2.0 GPA during the first term of enrollment will result in dismissal from the institution.

Admission for Transfer Students

Students applying with 45 or more transferable semester credits must satisfy the following requirements:

- Have a cumulative grade point average of at least 2.0 on a 4.0 scale from all the other institutions that are fully approved by the appropriate regional accrediting agency **and** be eligible to return to their previous college or university.

Admission to the University does not guarantee admission to an academic program.

Admission Requirements for Non-Degree Students

The non-degree category of admission is designed for students who:

- are attending another college or university and want to enroll at Texas A&M University-San Antonio for one or two courses **and** are not interested in pursuing a degree at Texas A&M University-San Antonio.
- are admitted only for one semester at a time. If consecutive enrollment is desired, students must follow the appropriate admission application procedures.
- are not eligible for financial assistance.

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

Readmission

Former students who have had a break in enrollment of more than two years at this university must update their records and submit a readmission application to the Office of Admissions prior to being given permission to register. Those who have taken college work at another institution and who are in good academic standing at that institution must request that official transcripts be sent to the Office of Admissions. Permission to register will be granted if a student is in good standing (a 2.0 overall grade point average) and the readmission application is submitted to the Office of Admissions. If work from former institutions is evaluated after readmission and it is determined that the student's transfer grade point average is below 2.0, the student will be deemed ineligible to continue.

Transfer Credit Calculation and Evaluation

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

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

Undergraduate Students Subject to Senate Bill (SB) 1231

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

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

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

Resolution of Transfer Disputes for Lower Division Courses

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

1. If Texas A&M University-San Antonio does not accept course credit earned by a student at another institution of higher education, the university shall give written notice to the student and to the sending institution that transfer of the course credit is denied. Texas A&M University-San Antonio shall provide written notice of the reasons for denying credit for a particular course or set of courses at the request of the sending institution.
2. A student who receives notice as specified in No. 1 above may dispute the denial of credit by contacting a designated official

at either the sending institution or Texas A&M University-San Antonio.

3. Texas A&M University-San Antonio, the sending institution, and the student shall attempt to resolve the transfer of the course credit in accordance with Coordinating Board rules and guidelines.
4. If the transfer dispute is not resolved to the satisfaction of the student or the sending institution within 45 days after the date the student received written notice of denial, Texas A&M University-San Antonio shall notify the Commissioner of its denial and the reasons for the denial.
5. The Commissioner of Higher Education or the Commissioner's designee shall make the final determination about a dispute concerning the transfer of course credit and give written notice of the determination to the involved student and institutions.

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

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

Academic Fresh Start

Pursuant to Senate Bill 1321 enacted by the 73rd Texas Legislature, students seeking admission to Texas A&M University-San Antonio who have previous college course work more than 10 years old at the time of application, may elect to have the university disregard that course work when considering the applicant for admission. An applicant who makes this election and is admitted may not receive any course credit for courses undertaken 10 or more years prior to the date of the election. The Academic Fresh Start Option can be exercised only once.

Students electing to use the Academic Fresh Start Option and who are receiving financial aid should contact the Office of Student Financial Aid and the Veteran Affairs Office (if applicable). Students electing to participate in the Academic Fresh Start program will maintain their current TSI status.

Failure to attend the university during the initial semester of the Academic Fresh Start election will negate the agreement and the student will have to reapply for Academic Fresh Start in a future semester.

International Admissions

Application Deadlines

A complete file must be submitted prior to June 1 for fall admission, October 1 for spring admission and April 1 for summer admission. Applications received after these dates will automatically be deferred to the next semester or term.

International Admissions Requirements

To be fully admitted, all international applicants must submit the following items before established deadline dates:

1. An application for International Admissions found at <https://www.applytexas.org> or <http://www.tamuk.edu/apply>.
2. Official secondary school transcripts showing subjects and marks received and graduation date. If an applicant has not yet graduated from secondary school, a transcript showing all completed work may be accepted for early admission. External examination reports should be provided when applicable.
3. Official transcripts showing subjects and marks received, diplomas and/or certificates earned from any colleges or universities attended.
4. Certified, literal translations of all credentials issued in any language other than English.

5. Proof of English proficiency (see below).
6. Proof of ability to meet personal and academic expenses. A minimum of \$21,759 (U.S.) per year is currently required to meet such expenses. Valid financial support documents (less than one year old from the issue date) must indicate the minimum U.S. dollar amount required by the university. The required minimum is subject to change without notice.
7. A \$50 non-refundable application fee must accompany the application. Without a fee your application packet will not be processed. Bank money orders must be issued in U.S. dollars by a U.S. bank or credit card with authorization letter.

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

Transfer Admission

Undergraduate applicants who have attended a post-secondary level institution who have completed 12 or more transferable semester credits at an accredited/recognized institution must satisfy the following criteria:

- post a minimum cumulative grade point average of 2.0 on a 4.0 scale for all post-secondary work attempted **and**
- be in good standing with the college or university last attended.

Proof of English Proficiency

A minimum TOEFL score of 500 (paper-based), 173 (computer-based), or 61 (Internet-based) is required. The following are considered equivalencies to the TOEFL scores of 500/173/61:

1. SAT Verbal 500; ACT Verbal 19 English; TAKS 2200 English/3 Writing; TAAS 1770; SLEP 53; or IELTS 5.0 overall band score.*
2. Completion of the advanced-level Texas Intensive English Program (TIEP) offered by the Texas International Education Consortium (TIEC).
3. Students who have completed their entire formal education at the secondary or postsecondary level in the following countries are exempt from the TOEFL requirement: American Samoa, Australia, Bahamas, Barbados, Belize, Canada (except Quebec), Cayman Islands, Dominica, Federated States of Micronesia, Grenada, Guam, Guyana, Jamaica, Liberia, New Zealand, United Kingdom (all), Trinidad-Tobago and Virgin Islands. **Please note:** Applicants from Puerto Rico, where Spanish is the primary language, are required to submit a TOEFL or equivalent.
4. Based on the review and decision of the Office of Admissions, students who have earned at least 12 credits, with a grade C or better in each, in university-level courses, from a U.S. institution or an institution in one of the countries listed above, may be exempt from TOEFL.
5. ACCUPLACER 78 Reading/88 Writing/5 or higher on Essay is required by all students to place into freshman level English classes and will be used as a TOEFL exemption.

*SAT or ACT is not required for admission but will be used for placement purposes in English and math courses as well as a TOEFL alternative.

TEXAS SUCCESS INITIATIVE (TSI)

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

Exemptions

Students are exempt from taking a test for TSI if a qualifying score has been made on the ACT, the SAT or the TAKS. It is the responsibility of the student to provide official ACT, SAT or TAKS scores to Texas A&M University-San Antonio to qualify for an exemption before enrollment in college level courses.

These exemptions are effective for three years from the date a student takes the exit-level TAKS and achieves the set score level. It is effective for five years from the date the ACT or the SAT is taken and the set standard is achieved. Students enrolling for the first time in a Texas public institution of higher education after those periods have elapsed must be treated as though they had not been tested.

ACT, SAT, TAAS/TAKS and Military Exemption standards:

- *ACT*
Obtain a composite score of 23 with a minimum of 19 on the English and/or the mathematics tests.
- *SAT*
A combined score of 1070 with a 500 on the math and/or verbal sections.
- *TAKS*
2200 in Math and/or 2200 in English/Language Arts **with** a writing sub-score of at least 3.
- *Military*
Students who are serving on active duty as a member of the armed forces of the United States, Texas National Guard or reserves of the armed forces of the United States (must have served for the previous three years for those in the reserves), and those honorably discharged as of August 1, 1990 are exempt from TSI.

Graduate Admission

The admission requirements for graduate students can be found in the Texas A&M University-San Antonio Graduate Catalog.

EDUCATIONAL EXPENSES

Patricia Hayes, *Director of Business Services*
Administration Building, Bursar's Office, 1st Floor; Extension 7130.

Estimated Nine-Month Budget

The following nine-month budgets are offered as estimates of reasonable expected expenses. These estimates are based on a 13-credit hour course load for a Texas resident and are subject to change.

Texas A&M University-San Antonio Budget for 2010-2011 (Texas Resident) Fall and Spring (award year/semester)

Tuition & Fees	\$5,201.62/\$2,600.81
Books & Supplies	\$1,102/\$551
Transportation	\$1,718/\$859
Personal Expenses	\$2,452/\$1,226
Total	\$10,241/\$5,120.50

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

Financial Obligations

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

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

NOTE: Census day of the semester is the day that all tuition and mandatory fees must be paid in full. If all tuition and mandatory fees are not paid in full, a class or classes will be dropped for non-payment. The census day of the long semesters (fall and spring) is the 12th class day. The census day for the summer terms is the 4th class day. Census day is a drop day, if all tuition and mandatory fees are not paid in full.

Mandatory Tuition and Fees

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

Deferred Payment of Tuition and Fees

Students selecting the deferred payment plan may pay tuition and fees in three or four payments. There is a \$30 administrative fee for choosing the deferred payment plan. Students who select a deferred payment plan need to be absolutely sure of all the classes/expenses, as only one plan is allowed. They are subject to the following provisions:

- a. Students receiving University-sponsored financial aid equal to or greater than their tuition and fees **must** pay in one payment. All financial aid funds received after selection of deferred payment plan will be applied to account balance until paid in full.

- b. A late payment penalty of \$15 will be assessed for any deferred payment not made on or before the due date.
- c. A student who fails to make full payment of tuition and fees, including any incidental fees, by the due date may be prohibited from registering for classes until full payment is made. A student who fails to pay in full prior to the end of the semester may be denied credit for the work done that semester.

Charge Card Privilege

Students may pay tuition and fees, including room and board, with a MasterCard or Visa. Credit card payments may be made over the web.

Concurrent Enrollment at another Public Institution of Higher Education

Students must present to the Registrar on the day they register evidence of previous enrollment for the same semester, number of hours enrolled and receipt showing the total tuition and other registration fees paid at another public institution in order to be eligible for provisions of Senate Bill 250 "Tuition Limit in Cases of Concurrent Enrollment."

Returned Item Policy

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

1. The Business Office will mail a notification by certified mail within 3 business days to the individual who submitted the returned item to the University. This notice will indicate the amount of the item, the \$25 returned item charge, and the reason the item was returned. The individual is given 10 days from receipt of notification to clear the returned item using cash, cashier's check or money order. Only payment in full will be accepted. The University will not accept a personal check or a credit card in payment for a returned item. In the event the certified mail is unaccepted and returned to the University, the University will attempt to deliver the notification to the student through one of his/her classes. The University will also attempt to reach the individual by phone. The individual will be given 10 days from this contact to clear the item.
2. A registration and transcript hold will be placed on the individual's record. After an individual has two or more items returned to the University, the University reserves the right to refuse acceptance of future checks from that individual. If an individual stops payment on a check presented to the University, the University reserves the right to refuse acceptance of future checks for payment of University charges.
3. In those instances where a student fails to redeem a returned item and charge within the 10 day period, the University will initiate one or more of the following courses of action:
 - a. If the item was given in payment of tuition and fees or is in excess of \$100, the student may be withdrawn from all classes at the University. The Business Office will notify the Registrar's Office of the requested withdrawal. The Registrar's Office will withdraw the student as of that date and notify the student, all instructors and any other offices that may need to take action (i.e. International, Student Services, Dean of Students). The student will receive a refund only if the withdrawal occurs prior to or during the percentage refund dates for the semester. Any refund resulting from the withdrawal will be held to be applied toward the returned item. If the student is withdrawn after midpoint of the session, the grade entered on his/her transcript will be at the discretion of each instructor.
 - b. Returned items for less than \$100 may be referred to the Office of Student Engagement & Success for disciplinary action.
 - c. In those instances where the returned check and charge have not been redeemed after two notification attempts, the University may take the check to the district attorney (or county attorney) and file a complaint with that office. Any further action on the matter will follow the legal process as prescribed by the respective attorney's office.

Resident vs. Nonresident Student Status

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

information forms to assist students in determining their proper legal status are available in the Registrar's Office.

Military Residence

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

RESIDENT FEES
2010-2011 Texas Resident Fees
Long Session (Fall or Spring)
Undergraduate

Hours	Tuition	Designated Tuition*	Program Fee	Computer Use Fee	Library Access Fee	Internat. Ed. Fee	Transcript Fee	I.D. Fee	Advising Fee	Transport Fee	Student Service Fee**	Total
1	120.00	93.07	15.00	14.00	10.00	3.00	10.00	10.00	25.00	Waived	14.30	314.37
2	120.00	186.14	30.00	28.00	20.00	3.00	10.00	10.00	25.00	Waived	28.60	460.74
3	150.00	279.21	45.00	42.00	30.00	3.00	10.00	10.00	25.00	Waived	42.90	637.11
4	200.00	372.28	60.00	56.00	40.00	3.00	10.00	10.00	25.00	Waived	57.20	833.48
5	250.00	465.35	75.00	70.00	50.00	3.00	10.00	10.00	25.00	Waived	71.50	1029.85
6	300.00	558.42	90.00	84.00	60.00	3.00	10.00	10.00	25.00	Waived	85.80	1226.22
7	350.00	651.49	105.00	98.00	70.00	3.00	10.00	10.00	25.00	Waived	100.10	1422.59
8	400.00	744.56	120.00	112.00	80.00	3.00	10.00	10.00	25.00	Waived	114.40	1618.96
9	450.00	837.63	135.00	126.00	90.00	3.00	10.00	10.00	25.00	Waived	128.70	1815.33
10	500.00	930.70	150.00	140.00	100.00	3.00	10.00	10.00	25.00	Waived	143.00	2011.70
11	550.00	1023.77	165.00	154.00	110.00	3.00	10.00	10.00	25.00	Waived	157.30	2208.07
12	600.00	1116.84	180.00	168.00	120.00	3.00	10.00	10.00	25.00	Waived	171.60	2404.44
13	650.00	1209.91	195.00	182.00	130.00	3.00	10.00	10.00	25.00	Waived	185.90	2600.81
14	700.00	1302.98	210.00	196.00	140.00	3.00	10.00	10.00	25.00	Waived	200.20	2797.18
15	750.00	1302.98	225.00	210.00	150.00	3.00	10.00	10.00	25.00	Waived	214.50	2900.48
16	800.00	1302.98	240.00	224.00	160.00	3.00	10.00	10.00	25.00	Waived	228.80	3003.78
17	850.00	1302.98	255.00	238.00	170.00	3.00	10.00	10.00	25.00	Waived	243.10	3107.08
18	900.00	1302.98	270.00	252.00	180.00	3.00	10.00	10.00	25.00	Waived	250.00	3202.98
19	950.00	1302.98	285.00	266.00	190.00	3.00	10.00	10.00	25.00	Waived	250.00	3291.98
20	1000.00	1302.98	300.00	280.00	200.00	3.00	10.00	10.00	25.00	Waived	250.00	3380.98

Add \$50 tuition, \$15 program fee, \$14 computer use fee and \$10 library access fee for each hour over 20. In addition, if taking 21 hours (or more) add \$13 student service fee. All other fees remain the same. **MINIMUM TUITION: \$120**

Non-refundable fees: late payment fee, drop fees and deferred payment processing fees.

Three-Repeat Fee:

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

RESIDENT FEES

2010-2011 Texas Resident Fees Long Session (Fall or Spring) Graduate

Hours	Tuition	Graduate Differential	Designated Tuition*	Program Fee	Computer Use Fee	Library Access Fee	Internatl. Ed. Fee	Transcript Fee	I.D. Fee	Advising Fee	Transport Fee	Student Service Fee**	Total
1	120.00	18.00	93.07	15.00	14.00	10.00	3.00	10.00	10.00	25.00	Waived	14.30	332.37
2	120.00	36.00	186.14	30.00	28.00	20.00	3.00	10.00	10.00	25.00	Waived	28.60	496.74
3	150.00	54.00	279.21	45.00	42.00	30.00	3.00	10.00	10.00	25.00	Waived	42.90	691.11
4	200.00	72.00	372.28	60.00	56.00	40.00	3.00	10.00	10.00	25.00	Waived	57.20	905.48
5	250.00	90.00	465.35	75.00	70.00	50.00	3.00	10.00	10.00	25.00	Waived	71.50	1119.85
6	300.00	108.00	558.42	90.00	84.00	60.00	3.00	10.00	10.00	25.00	Waived	85.80	1334.22
7	350.00	126.00	651.49	105.00	98.00	70.00	3.00	10.00	10.00	25.00	Waived	100.10	1548.59
8	400.00	144.00	744.56	120.00	112.00	80.00	3.00	10.00	10.00	25.00	Waived	114.40	1762.96
9	450.00	162.00	837.63	135.00	126.00	90.00	3.00	10.00	10.00	25.00	Waived	128.70	1977.33
10	500.00	180.00	930.70	150.00	140.00	100.00	3.00	10.00	10.00	25.00	Waived	143.00	2191.70
11	550.00	198.00	1023.77	165.00	154.00	110.00	3.00	10.00	10.00	25.00	Waived	157.30	2406.07
12	600.00	216.00	1116.84	180.00	168.00	120.00	3.00	10.00	10.00	25.00	Waived	171.60	2620.44
13	650.00	234.00	1209.91	195.00	182.00	130.00	3.00	10.00	10.00	25.00	Waived	185.90	2834.81
14	700.00	252.00	1302.98	210.00	196.00	140.00	3.00	10.00	10.00	25.00	Waived	200.20	3049.18
15	750.00	270.00	1302.98	225.00	210.00	150.00	3.00	10.00	10.00	25.00	Waived	214.50	3170.48
16	800.00	288.00	1302.98	240.00	224.00	160.00	3.00	10.00	10.00	25.00	Waived	228.80	3291.78
17	850.00	306.00	1302.98	255.00	238.00	170.00	3.00	10.00	10.00	25.00	Waived	243.10	3413.08
18	900.00	324.00	1302.98	270.00	252.00	180.00	3.00	10.00	10.00	25.00	Waived	250.00	3526.98
19	950.00	342.00	1302.98	285.00	266.00	190.00	3.00	10.00	10.00	25.00	Waived	250.00	3633.98
20	1000.00	360.00	1302.98	300.00	280.00	200.00	3.00	10.00	10.00	25.00	Waived	250.00	3740.98

Add \$50 tuition, \$18 graduate differential, \$15 program fee, \$14 computer use fee and \$10 library access fee for each hour over 20. Other fees remain same. **MINIMUM TUITION: \$120**

Non-refundable fees: late payment fee, drop fees and deferred payment processing fees.

*14 SCH or more pay 1302.98/SEM based on flat rate at 14SCH's

Three-Repeat Fee:

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

NONRESIDENT FEES
2010-2011 Nonresident – U.S. and Foreign Fees
Long Session (Fall or Spring)
Undergraduate

Hours	Tuition	Designated Tuition*	Program Fee	Computer Use Fee	Library Access Fee	Internatl. Ed. Fee	Transcript Fee	I.D. Fee	Advising Fee	Transport Fee	Student Service Fee**	Total
1	360.00	93.07	15.00	14.00	10.00	3.00	10.00	10.00	25.00	Waived	14.30	554.37
2	720.00	186.14	30.00	28.00	20.00	3.00	10.00	10.00	25.00	Waived	28.60	1060.74
3	1080.00	279.21	45.00	42.00	30.00	3.00	10.00	10.00	25.00	Waived	42.90	1567.11
4	1440.00	372.28	60.00	56.00	40.00	3.00	10.00	10.00	25.00	Waived	57.20	2073.48
5	1800.00	465.35	75.00	70.00	50.00	3.00	10.00	10.00	25.00	Waived	71.50	2579.85
6	2160.00	558.42	90.00	84.00	60.00	3.00	10.00	10.00	25.00	Waived	85.80	3086.22
7	2520.00	651.49	105.00	98.00	70.00	3.00	10.00	10.00	25.00	Waived	100.10	3592.59
8	2880.00	744.56	120.00	112.00	80.00	3.00	10.00	10.00	25.00	Waived	114.40	4098.96
9	3240.00	837.63	135.00	126.00	90.00	3.00	10.00	10.00	25.00	Waived	128.70	4605.33
10	3600.00	930.70	150.00	140.00	100.00	3.00	10.00	10.00	25.00	Waived	143.00	5111.70
11	3960.00	1023.77	165.00	154.00	110.00	3.00	10.00	10.00	25.00	Waived	157.30	5618.07
12	4320.00	1116.84	180.00	168.00	120.00	3.00	10.00	10.00	25.00	Waived	171.60	6124.44
13	4680.00	1209.91	195.00	182.00	130.00	3.00	10.00	10.00	25.00	Waived	185.90	6630.81
14	5040.00	1302.98	210.00	196.00	140.00	3.00	10.00	10.00	25.00	Waived	200.20	7137.18
15	5400.00	1302.98	225.00	210.00	150.00	3.00	10.00	10.00	25.00	Waived	214.50	7550.48
16	5760.00	1302.98	240.00	224.00	160.00	3.00	10.00	10.00	25.00	Waived	228.80	7963.78
17	6120.00	1302.98	255.00	238.00	170.00	3.00	10.00	10.00	25.00	Waived	243.10	8377.08
18	6480.00	1302.98	270.00	252.00	180.00	3.00	10.00	10.00	25.00	Waived	250.00	8782.98
19	6840.00	1302.98	285.00	266.00	190.00	3.00	10.00	10.00	25.00	Waived	250.00	9181.98
20	7200.00	1302.98	300.00	280.00	200.00	3.00	10.00	10.00	25.00	Waived	250.00	9580.98

Add \$327 tuition, \$15 program fee, \$14 computer use fee and \$10 library access fee for each hour over 20. In addition, if taking 21 hours (or more) add \$13 student service fee. All other fees remain the same. **MINIMUM TUITION: \$360**

Non-refundable fees: late payment fee, drop fees and deferred payment processing fees.

Three-Repeat Fee:

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

*2010-2011 Nonresident – U.S. and Foreign Fees
Long Session (Fall or Spring)
Graduate*

Hours	Tuition	Graduate Differential	Designated Tuition*	Program Fee	Computer Use Fee	Library Access Fee	Internat. Ed. Fee	Transcript Fee	I.D. Fee	Advising Fee	Transport Fee	Student Service Fee**	Total
1	360.00	18.00	93.07	15.00	14.00	10.00	3.00	10.00	10.00	25.00	Waived	14.30	572.37
2	720.00	36.00	186.14	30.00	28.00	20.00	3.00	10.00	10.00	25.00	Waived	28.60	1096.74
3	1080.00	54.00	279.21	45.00	42.00	30.00	3.00	10.00	10.00	25.00	Waived	42.90	1621.11
4	1440.00	72.00	372.28	60.00	56.00	40.00	3.00	10.00	10.00	25.00	Waived	57.20	2145.48
5	1800.00	90.00	465.35	75.00	70.00	50.00	3.00	10.00	10.00	25.00	Waived	71.50	2669.85
6	2160.00	108.00	558.42	90.00	84.00	60.00	3.00	10.00	10.00	25.00	Waived	85.80	3194.22
7	2520.00	126.00	651.49	105.00	98.00	70.00	3.00	10.00	10.00	25.00	Waived	100.10	3718.59
8	2880.00	144.00	744.56	120.00	112.00	80.00	3.00	10.00	10.00	25.00	Waived	114.40	4242.96
9	3240.00	162.00	837.63	135.00	126.00	90.00	3.00	10.00	10.00	25.00	Waived	128.70	4767.33
10	3600.00	180.00	930.70	150.00	140.00	100.00	3.00	10.00	10.00	25.00	Waived	143.00	5291.70
11	3960.00	198.00	1023.77	165.00	154.00	110.00	3.00	10.00	10.00	25.00	Waived	157.30	5816.07
12	4320.00	216.00	1116.84	180.00	168.00	120.00	3.00	10.00	10.00	25.00	Waived	171.60	6340.44
13	4680.00	234.00	1209.91	195.00	182.00	130.00	3.00	10.00	10.00	25.00	Waived	185.90	6864.81
14	5040.00	252.00	1302.98	210.00	196.00	140.00	3.00	10.00	10.00	25.00	Waived	200.20	7389.18
15	5400.00	270.00	1302.98	225.00	210.00	150.00	3.00	10.00	10.00	25.00	Waived	214.50	7820.48
16	5760.00	288.00	1302.98	240.00	224.00	160.00	3.00	10.00	10.00	25.00	Waived	228.80	8251.78
17	6120.00	306.00	1302.98	255.00	238.00	170.00	3.00	10.00	10.00	25.00	Waived	243.10	8683.08
18	6480.00	324.00	1302.98	270.00	252.00	180.00	3.00	10.00	10.00	25.00	Waived	250.00	9106.98
19	6840.00	342.00	1302.98	285.00	266.00	190.00	3.00	10.00	10.00	25.00	Waived	250.00	9523.98
20	7200.00	360.00	1302.98	300.00	280.00	200.00	3.00	10.00	10.00	25.00	Waived	250.00	9940.98

Add \$327 tuition, \$18 graduate differential, \$15 program fee, \$14 computer use fee and \$10 library access fee for each hour over 20. Other fees remain same. MINIMUM TUITION: \$360

Non-refundable fees: late payment fee, drop fees and deferred payment processing fees.

*14 SCH or more pay 1302.98/SEM based on flat rate at 14SCH's

Three-Repeat Fee:

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

MANDATORY FEES *(All fees are payable at registration.)*

Academic Advising Fee

This fee is charged at a flat rate of \$25 per semester. Funds are used to support costs involved with providing academic advising services each semester.

Computer Use Fee

A fee charged at \$14 per semester credit hour used to purchase computers to maintain student labs on campus and to create new facilities for students.

ID Card Fee

This is a flat fee that is charged at \$10 per semester. Funds will be used to support student IDs and the cost of operation.

International Education Fee

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

Library Fee

This fee is charged at \$10 per semester credit hour to fund the electronic network and the maintenance of the University Library.

Student Service Fee

A service fee of \$14.30 per credit hour is charged to all students attending the University. This fee is used to support student activities and support services including Student Government Association, student organizations, student newspaper, and New Student Orientation.

Transcript Fee

This fee is also charged at a flat rate of \$10 per semester. Funds are used to pay the cost of printing transcripts upon request for current and former students as well as to enhance our ability to serve our students' needs through the electronic transcript process.

MISCELLANEOUS FEES

Automobile Registration Fee

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

Three-Repeat Fee

A \$100 per semester credit hour fee assessed after the 20th class day (15th for summer sessions) of the semester for attempting a class for the third and subsequent times.

Visitor's Fee

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

Other Fees

Late Payment Fee	\$35
Bachelor's Graduation Fee	\$35
Undergraduate (domestic) Application Fee	\$15
Graduate (domestic) Application Fee	\$35
International Application Fee.....	\$50
Master's Graduation Fee, Plan One.....	\$111
Master's Graduation Fee, Plan Two and Plan Three	\$43

Fines and Breakage Loss

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

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

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

REFUND OF FEES

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

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

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

Withdrawal Policy

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

Fall/Spring

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

Summer Session

- prior to the first class day – 100%
- during the 1st, 2nd and 3rd class day – 80%
- during the 4th, 5th and 6th class day – 50%
- after the 6th class day – none

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

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

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

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

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

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

Upon Dropping a Course or Courses

A 100% refund difference of applicable tuition and fees collected will be made for courses from which students drop (not withdraw) within the first 12 days of a semester or within the first four days of a summer term. There will be no refunds for courses dropped after the first 12 days of a semester or after the first four days of a summer term.

Refund Policies

The following policies are used for refunds:

- a. Refunds are mailed or direct deposited according to published schedules from the Business Office. Refund checks will be mailed to the billing address provided by the student. Refunds may also be direct deposited to the student’s checking or savings account if requested through submission of the Student Refund Direct Deposit Authorization form.
- b. Any financial obligations owed the University will be deducted from the refund before the balance is mailed to the student.
- c. A student who is required to withdraw because of failure in the work of a previous semester will receive a refund in accordance with the above schedule.
- d. Fees paid for correspondence and/or extension courses will not be refunded after the student receives the lesson outline in correspondence courses or after the first meeting of the extension center course.
- e. No refunds will be made on visitors' fees.

Tuition Rebates for Certain Undergraduates

The purpose of this program is to provide tuition rebates that will provide a financial incentive for students to prepare for university studies while completing their high school work, avail themselves of academic counseling, make early career decisions and complete their baccalaureate studies with as few courses outside the degree plan as possible. Minimizing the number of courses taken by students results in financial savings to students, parents and the state. To be eligible for rebates under this program, students must meet the following conditions: (1) they must have enrolled for the first time in an institution of higher education in the Fall 1997 semester or later; (2) they must be requesting a rebate for course work related to a first baccalaureate degree received from a general academic teaching institution; (3) they must have been a resident of Texas as set forth under Chapter 21, Subchapter B of this title (relating to Determining Residence Status) and have been entitled to pay resident tuition at all times while pursuing the degree; (4) if enrolled for the first time in fall 2005 or later, graduate within four calendar years for a four-year degree or within five calendar years for a five-year degree if the degree is in architecture, engineering or any other program determined by the Texas Higher Education Coordinating Board to require more than four years to complete, and (5) they must have attempted no more than three hours in excess of the minimum number of semester credit hours required to complete the degree under the catalog under which they were graduated. Hours attempted include transfer credit, course credit earned exclusively by examination (except that, for the purposes of this program, only the number of semester credit hours earned

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

The rebate for eligible students is a maximum of \$1,000. Eligibility requirements and application forms are available in the offices of the academic deans.

STUDENT FINANCIAL AID PROGRAMS

Marie Saldana, *Director of Financial Aid*
Administration Building, Room 246, Extension 6201.

The Student Financial Aid Office assists students in obtaining financial assistance through a variety of federal, state and private sources in order to supplement their own contribution to a college education. The financial gap between the cost of an education and monies available from the family can be complemented by grants, loans, scholarships and/or student employment. The office updates the types of aid available annually. Federal regulations require that a student must make satisfactory academic progress to continue receiving Title IV funds.

FINANCIAL AID AND SCHOLARSHIP APPLICATION DEADLINES

Time is a very critical factor when applying for financial aid. The following deadlines have been established for students to apply for general financial aid:

Fall/Spring – April 15
Spring only – October 1
Summer Sessions – March 2

Steps in Applying for Financial Aid

Application Process

1. Complete the Free Application for Federal Student Aid (FAFSA) on the web at www.fafsa.ed.gov. Students must list Texas A&M-Kingsville as one of the college/university choices in the FAFSA to be considered for financial aid at **Texas A&M University-San Antonio. The School Code is 003639.**
2. Completion of the FAFSA requires the student's and/or parent's income tax return. Those who do not file a tax return must use proper income or benefit sources to complete it.
3. The Processing Center will return an acknowledgment to the student in about four weeks. This acknowledgment should be kept for personal records.
4. The Office of Student Financial Aid will retrieve an electronic version of the Student Aid Report (SAR).
5. Minimally, 30 percent of all students applying for federal assistance are selected for verification of their FAFSA. This selection is a random selection. If a student is selected, he/she will need to submit a copy of his/her or his/her parents' U.S. Income Tax Return, a verification worksheet and any other documents used to complete the FAFSA. For those students who did not or are not required to file a U.S. Income Tax Return, a notarized statement must be submitted in place of the tax return.

Financial Aid Process

1. Once the application process is completed, the Office of Student Financial Aid Services will prepare a financial aid package to help meet the student's financial need. The amount of the financial aid award depends on whether the student is enrolled for 12 or more hours, 9-11 hours, 6-8 hours or 1-5 hours (only Pell Grant is given for less than 6 hours). The aid award will be disbursed each semester.
2. The school will first use the aid to pay tuition and fee charges and room and board. The remainder will be disbursed to the student either through direct deposit to the student's bank account, if the student has signed up for direct deposit, or, if not, a residual check will be mailed to the student.

3. Grants and scholarships will be ready for deposit, but loans require additional steps.
4. Work-study assistance is awarded, but the individual student is responsible for finding a position in order to receive the funds. Work-study funds are disbursed as they are earned.
5. It is the responsibility of the student to have other resources available should the financial assistance not cover the total educational expenses.

Documents

1. **Stafford Master Promissory Note:** This is required the first time a student accepts a Stafford Student Loan and is valid for 10 years. Once the student has had a loan certified by the institution and the student chooses the same lender, no new promissory note is required. Stafford loan(s) are completed through Texas Guarantee's "Loans By Web" process. Students will access and accept or decline their student loans at <http://lbw.tgslc.org>.
3. **Parent Loan for Undergraduate Dependent Students:** The PLUS loan utilizes a Master Promissory Note completed by the parent for the dependent student and will be valid for up to 10 years for that particular student. If the parent has additional dependent students, an MPN will have to be completed for each dependent student. The PLUS loan is subject to a credit check by the lender to determine if funding can be granted.
4. **Transfer Students:** The Financial Aid Office is required to download and print Financial Aid Transcripts from the NSLDS for each student who has attended other colleges/universities. It is the student's responsibility to notify the Office of Student Financial Aid Services of any other colleges/universities attended.

Please contact the Office of Student Financial Aid Services at 210-932-6201 for questions about the financial aid process. You may write the Office of Student Financial Aid at 1450 Gillette Blvd., San Antonio, TX 78224. Please note that Texas A&M University-San Antonio students are awarded their financial aid through Texas A&M University-Kingsville utilizing school code #003639.

General Information

Applicants must be accepted for admission, pre-registered for classes and have all financial aid documents completed and on file before financial aid funds will be disbursed.

Students must reapply each year for financial aid and scholarships. It is in the best interest of students to apply for financial aid by the priority deadlines. Applicants must maintain satisfactory academic progress and be in good standing to be eligible for financial aid.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS FOR FINANCIAL AID

Federal regulations require a student to be making satisfactory progress toward the completion of a degree or certification in order to be eligible to receive Title IV funds. The Financial Aid Office at Texas A&M University-Kingsville applies this rule to **ALL** (including Texas A&M University-San Antonio) students applying for any aid.

Academic Progress Standards

The various federal and state regulations governing student financial assistance programs require that an institution develop standards to measure students' reasonable progress toward a degree objective. Students who do not make reasonable progress, even if they are determined to be needy, will not be eligible for financial assistance. The following qualitative and quantitative standards must be met to remain eligible for and retain financial aid at the University.

Qualitative Measures of Academic Progress

The qualitative measure of academic progress is a grading scale of 0.00 to 4.00, based on students' enrollment classification.

Undergraduate students who have previously attended the University must maintain a cumulative grade point average of 2.00 to be eligible for financial assistance. A 2.5 cumulative grade point average is required of Texas Grant recipients at the conclusion of their second year of enrollment.

Graduate students who have previously attended the University must maintain a cumulative grade point average of 3.0 to be eligible for financial assistance.

Incoming graduate students and transfer students will be eligible for financial aid upon admission to the University.

Quantitative Measures of Academic Progress

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

Hours passed do not include grades of **I** (incomplete), **U** (unsatisfactory), **Q** (withdrawal) or **QI** (withdrawal identifier for Senate Bill 1231).

Courses that have been repeated will be counted for each enrollment as hours attempted and will be counted as hours passed if a grade other than **I**, **U**, **Q** or **QI** is received.

Undergraduate (Students working on their first baccalaureate degree)

- **Cumulative grade point average:** 2.0
- **Ratio of Passed Hours to Attempted Hours:** 67%
- **Total Hours Including Transferred Credit:** 195 credit hours

Graduate

- **Cumulative grade point average:** 3.0
- **Ratio of Passed Hours to Attempted Hours:** 67%
- **Total Hours Including Transferred Credit:** 54 credit hours

Appeals Process

Students who are denied financial assistance may appeal the decision.

Appeal Procedure

If mitigating/extenuating circumstances exist, a student may initiate an appeal through the Office of Student Financial Aid

Services. Copies of all supporting documentation should be attached to this form. To ensure proper identification of the student's documents, please include the K Number (student ID number) on all pages. **Failure to provide the required documentation will result in the denial of the student's appeal or a request for additional information.** All information will become a part of the student's confidential financial aid record and cannot be returned.

The student will receive notification from the Financial Aid Office in two to four weeks regarding the status of the appeal. Appeals submitted at the beginning of a semester may require additional time for review and a response.

Approval of Appeal: If the appeal is approved, the student will be awarded on a probationary basis for one semester. Failure to demonstrate academic progress for the probationary term will result in the cancellation of all future financial aid. No future appeals will be accepted.

Denial of Appeal: If the appeal is denied, the student may appeal for future aid only after the student has completed a minimum of six hours at their own expense and the student has met the minimum standards of satisfactory academic progress for that semester.

Reinstatement of Eligibility

Students who have been denied financial assistance on the basis of academic progress may appeal for reinstatement of eligibility when they attain satisfactory academic progress. If assistance is granted, the award will not be retroactive, but will be given for the remainder of the academic year. For example, at the conclusion of the fall semester, students may receive an award for the spring semester.

Monitoring of Academic Progress

Academic progress is reviewed at the end of each academic term. Failure to maintain satisfactory academic progress will result in the denial or cancellation of all future aid.

The Office of Student Financial Aid Services may administratively grant one probationary semester of assistance for students whose academic progress has changed to not in good standing at the conclusion of their enrollment term at Texas A&M University-San Antonio.

Unofficial Withdrawal from the University

For any student, receiving federal Title IV funds that unofficially withdraws or does not earn a passing grade, federal regulations require a refund. Such refunds must be calculated based on the 50% point within the semester or term. A student may demonstrate an official enrollment date later than the 50% date and in such cases the later date will be used in the calculation.

The calculation **may result in the student owing funds** to the University and/or the U.S. Department of Education. Also, any future financial aid funds will be cancelled.

SCHOLARSHIPS

Scholarships are categorized as either need or non-need (merit) awards. The Office of Student Financial Aid awards scholarships after evaluating academic records, scholastic promise and financial need. The Office of Student Financial Aid awards non-need-based scholarships based on merit and promise without regard to financial need; it carries a nominal stipend. Most departmental scholarships are not automatically renewed, and students must apply each year for continued consideration. Visit www.tamusa.tamus.edu and click on Welcome Center, Financial Aid, and then Scholarships. The financial aid office may need to adjust a student's award package to allow scholarships to fit within the student's Cost of Education (COE) budget.

Deadlines. The various scholarship committees have deadline dates at different times throughout the spring and summer. Incomplete applications or those received after the deadline dates will not be eligible for consideration.

In-State Privileges for Out-of-State Scholarship Recipients. A nonresident student holding a competitive scholarship from the

University scholarship selection pool of at least \$1,000 for the year for which he or she is enrolled is entitled to pay resident tuition.

Transfer Students must submit official transcripts from all colleges attended, two letters of recommendation and the completed scholarship application before April 1.

GRANTS

Various grant programs are funded by the federal and state governments, the University, or a combination of these agencies. Grants DO NOT have to be repaid. *General requirements for grant programs stipulate that the student must be in good standing (a 2.0 overall grade point average), must be maintaining academic satisfactory progress, must not be in default on any loan made from a student loan fund at any institution and must not owe a refund on any grant previously received.*

Because they are generally matched with some other type of aid administered by the University, the Federal Supplemental Educational Opportunity Grant (FSEOG), the Texas Public Educational Grant (TPEG) and the Texas Public Educational-State Student Incentive Grant (TPE-SSIG) are not listed on the application. If an applicant for any of the need-based aid programs is eligible for one of these grants and if funds are available, the grant will be approved.

Federal Pell Grant

The Pell Grant is a federal program designed to provide financial assistance to undergraduate students who demonstrate financial need. The amount of the grant is based on the computed expected family contribution, the level of funding and the cost of education. Students enrolled for less than full-time will receive a reduced grant award. Pell Grant eligibility is limited to six full years of undergraduate study. Eligibility must be re-established each year by completing the FAFSA.

Federal Supplemental Educational Opportunity Grant (FSEOG)

FSEOG provides grants to students who demonstrate the greatest financial need. Students must be eligible for the Pell Grant and have an expected family contribution of less than \$100. Eligible students must be citizens or permanent residents of the U.S. who are accepted for admission or are enrolled at least half-time as undergraduate students.

National Science and Mathematics Access to Retain Talent Grant

The National SMART Grant is one of two new grant programs. It is available during the third and fourth years of undergraduate study to full-time students who are eligible for the Federal Pell Grant and who are majoring in physical, life, or computer sciences; mathematics, technology, or engineering; or in a foreign language determined critical to national security. The student must also have maintained a cumulative grade point average (GPA) of at least 3.0 in course work required for the major. This grant is in addition to the student's Federal Pell Grant award.

Aid for Dependent Children (AFDC-TANF) Grant

This exemption program provides an exemption from the payment of tuition and fees for up to one year for eligible college students.

Early High School Graduation Scholarship Program

The purpose of the Early High School Graduation Scholarship Program is to provide tuition and fee assistance to students completing grades 9 - 12 early or with a significant number of college hours; thus, enabling and encouraging the student to attend college in Texas.

Certified Educational Aide Exemption Program

This program is to encourage certain educational aides to complete full teacher certification by providing need-based tuition and mandatory fee exemptions at Texas public institutions of higher education. This program does not cover remedial classes.

Texas Excellence Access and Success (TEXAS) Grant Program

This program is to provide need-based grants to eligible persons to enable them to attend an institution of higher education. Students who have completed the recommended or distinguished high school curriculum may be eligible for this program.

LOANS

The Office of Student Financial Aid administers a number of loan programs for students whose needs cannot be fulfilled in any other manner. The loans are administered in adherence with accepted business practices in an effort to provide borrowers with an educational experience in personal finances as well as to ensure the continuance of existing loan funds through prompt repayment. Loan funds administered by the university vary somewhat in qualifications required, amounts that may be borrowed and terms of repayment. Specific details concerning each loan fund, including the rights and responsibilities of a borrower and the repayment schedule, may be obtained from the Office of Student Financial Aid.

The personnel in the Office of Student Financial Aid are available as financial advisers to **all** students whether or not they are qualified to borrow from one of the university's student loan funds. Through interviews and realistic examination of expenses and income, students often discover that borrowing is only one of the possible solutions to financial problems.

*General requirements stipulate that the student must be accepted for enrollment or, if a continuing student, must be maintaining satisfactory academic progress, must not be in default on any loan made from a student loan fund at any institution, must not owe a refund on any grant previously received and **must** attend a Loan Entrance Counseling session before receiving the first disbursement and **must** attend a Loan Exit Counseling session whenever the student's enrollment status falls below half-time, the student withdraws or graduates from the university.* Loan funds will not be disbursed until a student is registered for at least half-time status; late registration will result in delayed financial aid disbursement.

Federal Stafford Student Loan Program (Subsidized/Unsubsidized)

The Stafford Loan is designed to assist students who are enrolled at least half-time and are maintaining Satisfactory Academic Progress toward a degree. The student must choose a lender who participates in the Stafford Loan program.

Freshman students (29 or less earned hours) are eligible to borrow \$3,500 per year, sophomore students (59 or less earned hours) are eligible to borrow \$4,500 per year, junior/senior students (60+ earned hours) are eligible to borrow \$5,500 per year and master's/doctoral students are eligible to borrow \$8,500 per year.

These amounts can be subsidized only, unsubsidized only or a combination of subsidized/unsubsidized. The total outstanding loan debt for a dependent undergraduate is \$23,000. Independent students may borrow an additional \$34,500 (unsubsidized only) for a total of \$57,500 (subject to change). The annual limits independent students can borrow in the additional unsubsidized loan program are freshmen/sophomores \$6,000 per year, junior/seniors \$6,000 per year and master's/doctoral \$12,000 per year. Master's/doctoral students may borrow up to \$138,500 of which only \$65,000 can be subsidized (this includes any loans made at the undergraduate level). The amount borrowed cannot exceed financial need. The interest rate on the Stafford loans, are fixed rates and changes each July 1. However, it can never exceed 8.25%. For subsidized loans only, the federal government pays the interest to the lender during the student's enrollment grace period, immediately following separation from school and any authorized period of deferment. For unsubsidized loans, the student is responsible for any interest at all times. The federal government will not pay the interest on unsubsidized loans.

Federal PLUS Program for Parent Borrowers

A Federal PLUS (Parent loan for undergraduate dependent students) is a very low interest rate installment loan for parent borrowers to assist them in paying for a dependent student's education. The amount a parent may borrow will be determined by the Office of Student Financial Aid. The loan may not exceed the student's cost of education minus other financial aid awarded. The parent may choose to have the funds disbursed to the university either through Electronic Funds Transfer (EFT) or via a hard check. Monies disbursed via EFT will be credited to the student's account and a residual check will be made payable to the student. Monies disbursed via hard check will be made co-payable to the university and the parent borrower. Both the parent borrower and the university must endorse the check. The interest rate on a Federal PLUS loan varies annually changing each July 1 but cannot exceed 9%. As with the Unsubsidized Stafford loan, there are no interest benefits paid by the federal government. The parent borrower must begin paying the interest accrued immediately upon the first disbursement of the PLUS loan. Repayment of the principal begins immediately after the loan has been fully disbursed. The minimum monthly loan payment will be at least \$50 and may be higher, depending on the total amount borrowed. A parent borrower may have up to ten years to repay the loan.

Federal Perkins Loan (formerly National Direct Student Loan)

To be eligible for the Federal Perkins Loan, a student must be a citizen or permanent resident of the United States, must be enrolled and in good standing (a 2.0 overall grade point average) on at least half-time basis, and must have demonstrated exceptional financial need as determined by the Student Aid Report. In addition, the student must not owe a refund on any federal grant and must not be in default on a Stafford, SLS, H&H or a National Direct Student Loan at any institution. Students with the greatest financial need are given priority. Undergraduate students are eligible to borrow \$4000 for each year of undergraduate

study; the total debt they can have outstanding is \$20,000. Graduate students are eligible to borrow \$6000 for each year of graduate study; the total debt they can have outstanding is \$40,000, including any Perkins Loans borrowed as an undergraduate. In no case may a student receive a loan in an amount which exceeds the demonstrated financial need. The program provides for cancellation of interest and indebtedness for full-time teachers in designated public or nonprofit elementary or secondary schools, full-time teachers of handicapped children, full-time staff members employed in Head Start programs and members of the armed services in an area qualifying for special pay, as well as death and/or total and permanent disability. The Perkins Loan carries a simple interest rate of 5% that begins to accrue at the time of repayment. Borrowers are entitled to a six month grace period after ceasing to be at least half-time student before the repayment period begins. A new borrower's grace period is nine months (as of 1987-88). Monthly payments of not less than \$30 begin in the seventh month and the entire indebtedness must be repaid within 10 years.

Texas B-On-Time Loan Program

The Texas B-On-Time Loan Program was established by the 78th Texas Legislature. The purpose of this state-funded program is to provide non-need based, non-interest bearing loans to eligible Texas students to attend colleges/universities in Texas. If the student meets specified goals, the entire loan amount can be forgiven upon graduation. As funding for the Texas B-On-Time Loan Program is limited, priority will be given to students who are eligible for TEXAS Grants but are not receiving a TEXAS Grant due to a shortage of funding in that program. A student may not receive B-On-Time loans for more than 150 hours.

STUDENT EMPLOYMENT

For students who want to supplement their educational resources through part-time employment, two types of services are offered. The Federal/State College Work-Study Program is for those students who qualify for financial aid. The Part-Time program is for students who do not qualify or who do not apply for financial aid. Both these programs are administered through the Office of Student Financial Aid.

Federal/State College Work-Study Program

The federal government and the State of Texas will provide funds to the university to enable students who qualify for these programs to secure on-campus employment. The university recommends that students secure a job which complements and reinforces their educational program and vocational goals. Students who are enrolled for at least half-time status, are citizens or permanent residents of the United States, have demonstrated financial need, are maintaining satisfactory progress, are not in default on any student loan made through or approved by an institution and who do not owe a refund on any grant previously received are eligible. Students must have been awarded and accepted the Work-Study award before being referred for an interview. Acceptance of the Work-Study award is not a promise of a job; it establishes eligibility. When the terms begin and during the school year, jobs are posted on the bulletin board across from the Welcome Center. Students who have established eligibility and meet the job requirements (if any) can request to be referred for an interview. Continuation in the job depends on funds available and the student's job performance. Previous employment does not guarantee continued employment.

Part-Time Student Employment

The University offers part-time employment to a number of students in various offices and departments. Student employment on a part-time basis by the University is limited to 19 hours per week. Students may learn of on-campus employment opportunities through the Career Services Office or via Jaguar Jobs, our online Career Job Posting website <https://tamusa-csm.symplicity.com/students/>.

OTHER UNIVERSITY SUPPORT SYSTEMS

A university consists of more than classrooms. In addition to teaching, faculty are engaged in research, publication, professional growth and development activities, university service and advisement. Students grow through participation in the extracurricular activities the university sponsors. The following sections offer some indication of campus life at Texas A&M University-San Antonio. More detail can be found in the *Student Handbook* and the *Faculty Handbook*.

This survey omits a number of very important components of the University whose work, nevertheless, contributes to campus comfort and the smooth functioning of university operations, including such divisions as accounting, bursar, development, facility management, human resources, payroll, physical plant, procurement and general services, among others.

CAMPUS GOVERNING BODIES

The Student Government Association (SGA) is the highest governing body for students at Texas A&M University-San Antonio. It plays an active role in campus affairs and makes recommendations to the University administration for improving student life. Meetings are held bi-weekly and are open to the public. The student body elects the president, vice-president and the senators during a general student election held each spring. The assistant vice president for Student Engagement and Success oversees the SGA.

CO-CURRICULAR ACTIVITIES

Although the focus of the university is intellectual, it also fosters the broad mental, physical and spiritual well-being of the campus community. To this end, a variety of non-academic programs are offered to enhance student learning and personal development.

Student Engagement and Success

Laura Pantano, *Assistant Vice President for Student Engagement & Success*
Administration Building, Room 230. Extension 6206.

The assistant vice president for Student Engagement & Success exercises broad responsibility for the student services of the university. The office is responsible for improving the quality of life for students and assisting them in attaining their educational goals; for promoting an environment which aids in the students' emotional, social, cultural and ethical development; and working with all academic colleges and departments as an advocate for students' rights. The assistant vice president for Student Engagement & Success oversees the creation and implementation of programs, services and activities which are consistent with the university's mission. The assistant vice president for Student Engagement & Success oversees Campus Activities, Career Services, Student Counseling and Disability Support Services, New Student Orientation, the Student Government Association, student discipline, and specific recognition programs and graduation. In addition, the office has a liaison relationship with campus food service and bookstore vendors. The assistant vice president for Student Engagement & Success also has oversight of certain councils and committees that are charged with providing cultural and enrichment programs to the university community.

Student Center

Administration Building, 1st Floor

Generally considered the center of social life on campus, the student center is the "living room" of our campus. Students often congregate in the student center between classes or use the center for study groups. The student center also hosts a variety of events including social, cultural academic programs, as well as special events. The student center is open daily during regular university hours, unless otherwise posted. When permissible, alternative study space will be made available when the student center is closed for events. Reservation of the student center is available on a limited basis. Contact the Office of Student Engagement & Success to check availability.

Campus Activities

Laura Pantano, *Assistant Vice President for Student Engagement & Success*
Administration Building, Room 230. Extension 6206.

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

New Student Orientation Programs

Laura Pantano, *Assistant Vice President for Student Engagement & Success*
Administration Building, Room 220. Extension 6206

The New Student Orientation Program is specifically designed for undergraduate and graduate students who are new to Texas A&M University-San Antonio and have not been enrolled during a full semester term (fall or spring) within the past year. Students participating in the TEAMSA Program in conjunction with the Alamo Colleges are required to attend the New Student Orientation Program.

The New Student Orientation Program has been designed to assist students in their transition from previous academic institutions to Texas A&M University-San Antonio. Each academic institution has their unique policies, procedures and services. The New Student Orientation Program provides information specific to the academic expectations and performance policies, in addition to the services, resources and involvement opportunities for student at Texas A&M University-San Antonio.

Student Publications

Jenny Moore, Director of Student Media
Administration Building, Room 230, Extension 7129

The student publication is entitled "The Mesquite." The Mesquite, an online publication updated daily and produced by communications students at Texas A&M University-San Antonio, offers students a journalism laboratory and a gateway to professional-level work while also providing the campus community with news, information and perspectives. The Mesquite is under the direction of Jenny Moore, Director of Student Media and faculty member from the School of Arts & Sciences.

UNIVERSITY SERVICES

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

Counseling and Disability Support Services

Jolene Des Roches, LPC, Coordinator
Administration Building, Room 230, Extension 7822

Counseling and Disability Support Services is committed to providing counseling services, mental health and disability awareness, disabilities support and academic success strategies that enhance psychological, emotional and academic growth for enrolled students. Counseling and Disability Support Services supports the needs of the diverse TAMU-SA student population by providing innovative and exceptional services that are consistent with the highest professional & ethical standards.

All services and information provided to/from students is confidential and will not be released without written permission from the student. Office hours are Monday through Thursday, 8 a.m. to 6 p.m., and Fridays from 8 a.m. to 5 p.m. or by appointment.

Military & Veterans Services

Barrett Breaux, Coordinator of Military & Veterans Affairs
TEEX Satellite Office, 9350 S. Presa St., Extension 7824

Courses at Texas A&M University-San Antonio are approved for veterans training and benefits. The Military & Veteran Affairs Office, located in the Office of the Registrar, assists veterans with matters relating to their training programs.

Education and Training

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

Any student who feels he/she may be eligible for education benefits should complete an application at the Military & Veteran Affairs Office. The completed application will be mailed to the Veterans Affairs Regional Office (VARO) in Muskogee, OK for review. The VARO will make the official decision to grant or deny benefits.

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

New students entering the university (who intend to request benefits) must stop by the Military & Veteran Affairs Office to complete an application and obtain needed information relative to their enrollment and certification. Students must provide all necessary documents (copy of their DD Form 214 (Member 4 copy) or Certificate of Eligibility, and a copy of their certified degree plan from the college he/she is seeking a degree) in order to process the request for their benefits. Incomplete applications will not be processed and will result in a delay of benefits.

Transfer students must provide the Military & Veteran Affairs Office with copies of transcripts from all colleges attended and a copy of their certified degree plan.

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

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

Standards of Progress for Veterans

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

Veterans Semester Hour Classification

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

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

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

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

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

Hazlewood Program

In order to qualify for tuition and partial fee exemption through the Texas Education Code 54.203 (known as the Hazlewood Act), a person must meet all program requirements. Contact the Military & Veteran Affairs Office for eligibility requirements.

Career Services

Administration Building, Room 230, Extension 6206

The Career Services Center dedicates itself to the development of innovative programs and services that promote the life-long career management for students and alumni. The Texas A&M University-San Antonio Career Services Center assists students in exploring and defining career options, developing job search strategies, identifying and networking with prospective employers as well as obtaining career-related work experience through internships and experiential education opportunities.

The center provides individual and group career advisement, professional correspondence services (résumé writing, cover letter writing, application troubleshooting, graduate school essay advisement, and personal statement advisement), career-driven workshops, career fairs, on-campus interview opportunities, personal training in presentation skills, and the administration and interpretation of career assessments.

Career Services also brings to campus recruiters representing local and national employers to speak to students directly about opportunities with the employer, both internships and employment alike. The speakers are welcomed to classrooms and open campus presentations. Such occasions allow students an inside perspective of real life application to their studies. Career fairs are held annually, allowing students the opportunity to meet with prospective employers. Career Services sends immediate notification when career, jobs, and internship opportunities are available. Emails are sent directly to students and faculty. Students are encouraged to use the Career Services Center to learn about job search strategies and career launching.

LEARNING ASSISTANCE & TUTORING

Administration Building, room 220, (210) 932-7860

SMARTHINKING is an online tutoring service offered through Texas A&M University-San Antonio to all of our students. Click www.smarthinking.com for an overview of the online tutoring services and practice areas.

SMARTHINKING provides tutoring in mathematics (basic math through Calculus, including Bilingual Math), Biology, Intro Human A & P, Chemistry, Organic Chemistry, Physics, Economics, Accounting, Intro to Finance, Statistics, Spanish, and Writing. Tutoring is available up to 24/7.

SMARTHINKING allows you to:

- **Connect With an e-structor** and interact with a live tutor.
- **Submit your Writing** for any class to their Online Writing Lab.
- **Submit a Question** and receive a reply from a tutor.

For more information about **SMARTHINKING** – login information, types of tutoring available, times when specific tutors are available - go to the TAMU-SA home page at <http://www.tamusa.tamus.edu/sanantonio>. Library staff is also available to answer general questions regarding SMARTHINKING.

Your Academic Advisor may also be able to provide you with ideas for developing an Academic Success Plan to keep you focused.

Additional tutoring services for select courses are offered through the Office of Student Engagement & Success. Students should contact the Office of Student Engagement & Success at (210) 932-6206 to learn more about tutoring services. Tutoring services are available by appointment only.

University Police Department

John Coleman, *Chief*
Building E1, Extension 6222

The University Police Department's main function is to serve and protect the students, faculty and staff. The University Police Department also is charged with protecting University property, preserving the peace and maintaining civil order on campus while enforcing all federal, state and local laws as well as university rules and regulations. The University Police Department also provides security for all buildings on the main and satellite campuses. Call the University Police Department to report crimes or request assistance.

TAMU-SA Identification Card

Administrative Building, Room 246, Extension 6201

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

Texas A&M University-San Antonio requires an identification card (ID) for students, employees and dependents of students and employees. The TAMU-SA card must be presented upon request. All ID cards are issued at the Welcome Center Office. Students use the card to access student services and events on campus for no charge. All questions concerning the ID card should be referred to the Welcome Center Office.

Bookstore

Charlene Rhoads, Bookstore Manager
Building E2, Extension 7868

Texas A&M University-San Antonio bookstore services are provided by Barnes and Noble.

Office of University Communications

Marilu Reyna, *Executive Director of University Communications*
Administration Building, Room 207, Extension 6269.

The Office of University Communications is responsible for all internal and external communications, including public relations, media relations, publications, marketing, advertising, web management, graphic design and special events. The executive director of University Communications serves as the official designated spokesperson for the university along with the university president.

AUXILIARY ACADEMIC RESOURCES

Information Services

Ravindra Kallianpur, *Director of Information Technology*
Building D2, Extension 7133.

The Office of Information Services (IS) operates several hundred digital microcomputers and their associated peripheral equipment on the main campus and all satellite campus(es). The combined resources offered through the university provide all administrative staff, faculty and students at Texas A&M University-San Antonio with connectivity and access to information necessary to complete their work and/or education requirements. The University TTVN (Trans-Texas Videoconference Network) capability is available in the Administration Building Conference Room and the Texas A&M University-San Antonio Satellite Campus Conference Room supporting administrative conferencing requests and distance learning opportunities. More than 400 microcomputer systems are available on campus, with over 90% of these systems linked to the local area network. Access to these microcomputer resources allows users to utilize a variety of computing software, data sources, e-mail and the Internet. Users also may take advantage of wireless connectivity throughout the campus if they prefer to work on their own equipment.

The campus is supported by a 10/100Mb/1GB switched network with a fiber optic Gigabit backbone utilizing Cisco Systems technology and a 20Mbps connection to the Internet. The SCT Banner Student Information System serves both academic and administrative needs. The University's primary e-mail system is Exchange 2008 running on a Dell virtual environment.

Computer Lab services are available for student use on both the main and satellite campus and are operated by a combination of full-time University employees and part-time student workers. Additional services provided by the Office of Information Services (IS) include administrative and technical support for in-house and third party computer applications (i.e. language processors, statistical and simulation software for academic instruction) and University-owned equipment.

All questions or requests for assistance can be directed to Computer Lab Service Desk or the University Helpdesk.

ACADEMIC REGULATIONS

Jennifer Zamarripa, *Director of Admissions and Registrar*
Administration Building, Room 246, Extension 6201.

TEXAS SUCCESS INITIATIVE (TSI)

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

ACADEMIC ADVISEMENT

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

Academic divisions and their departments have specific academic advising procedures, requirements and schedules for students' degree plans and for procedures to register for classes. A student's advisor is normally in the department offering the field in which the student is majoring. The Office of the Registrar will assist a student who needs help in locating an appropriate academic advisor.

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

Degree Plan

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

Course Listings

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

Letter Code: A four letter code at the beginning identifies the department or program that offers the course. A list of these letter codes is provided just after the index to the catalog.

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

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

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

each week respectively. When a course includes a recitation, three digits appear in parentheses following the semester credit hours indicating the number of hours of lecture, the number of hours of laboratory and the number hours of recitation required each week respectively.

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

REGISTRATION

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

Web Registration

The university has a computer-assisted registration system which allows students to register over the web. Web registration is available for eligible students only. Specific registration dates, instructions and information are provided on the university website.

Normal Load

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

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

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

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

Prerequisites

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

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

Schedule Changes

Adding a Course

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

Dropping a Course

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

A student who, by dropping a course, becomes registered for less than a normal load will be reclassified as a part-time student.

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

Senate Bill 1231, passed during the 80th Texas Legislative Session, limits the number of drops that certain undergraduate students may accrue without a punitive grade. Undergraduate students who completed a high school or equivalent program and enrolled in an institution of higher education prior to the Fall Semester of 2007 are exempt from the requirements of Senate Bill 1231. Undergraduate students who complete a high school program, or the equivalent, and enter a Texas public institution of higher education for the first time on or after the Fall Semester of 2007 are subject to the requirements of Senate Bill 1231.

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

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

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

Drop Policy for Undergraduate Students Subject to Senate Bill 1231

Beginning with the 2007-2008 Academic Year, undergraduate students subject to Senate Bill 1231 will be permitted only six (6) non-punitive drops during their undergraduate studies. Non-punitive grades included in the maximum number of drops will be identified on the transcript with a grade of QI. Once a student has accumulated 6 (six) QI grades, the only grade that may be awarded for a dropped course is a grade of QF, regardless of the student's academic standing in the class. Drops processed while withdrawing from the university will not be included in the maximum number of non-punitive drops.

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

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

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

1. If the student is required to drop both courses when dropping either course, then both course drops will be calculated as one drop.*
2. If the student is not required to drop both courses at the same time, then each course will be treated as a separate drop. However, if the student drops both courses at the same time, the drops will be calculated as one drop.*

*Each drop will be subject to the maximum number of non-punitive drops allowable under Senate Bill 1231.

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

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

1. The student has a severe illness or other debilitating condition that affects the student's ability to satisfactorily complete the course.
2. The student is responsible for the care of a sick, injured or needy person that affects the student's ability to satisfactorily complete the course.

3. The student has suffered the death of a person who is considered to be a member of the student's family or person who is otherwise considered to have a sufficiently close relationship to the student* that the person's death is considered to be a showing of good cause for dropping the course.
4. The student is a member or dependent of a member of the Texas National Guard or the armed forces of the United States and the active military service is considered to be a showing of good cause for dropping the course.
5. The student has a change of work schedule that is beyond the control of the student and the change affects the student's ability to complete the course.
6. The student has other extenuating circumstances that prevent the completion of the course and the circumstances are approved by the division head.

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

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

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

Administrative Drops for Non-Attendance

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

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

Withdrawal from the University

If a student finds it necessary to withdraw from the university, the student must notify the Office of the Registrar and process a withdrawal form. A student exempt from Senate Bill 1231 who is withdrawing (dropping all active courses) from the university after the late registration date and on or before the 10th week of the semester or the mid-point of the summer session will receive an automatic grade of Q in each course being dropped at the time of the withdrawal. If the student is not passing a course at the time of the withdrawal, a grade of F will be awarded. In the case of a student subject to Senate Bill 1231, a grade of QE will be awarded in each course after the late registration regardless of the student's academic standing in the class. **(See also regulations entitled "Refund of Fees.")**

Withdrawal of Students Ordered to Military Active Duty

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

If a current student, including one enrolled in distance education, self-paced, correspondence, and other asynchronous courses, is called to active military service for a period of time not to exceed 25% of the total number of class meetings or contact hour equivalents, and chooses not to withdraw from the university, the student shall be excused from attending classes or engaging in

other required activities, including examinations, during that period of time. The student shall be allowed to complete (an) assignment(s) or take (an) examination(s) within a reasonable time after the absence. The student's course work previously completed will be retained and the student will be able to complete the course without prejudice and under the same course requirements that were in effect when the student enrolled in the course. If the course requirements are not completed by the end of the semester in which the student is called to active military service, the grade of "I" will be awarded. Normal academic regulations relating to grades of "I" will apply, as well as normal grade dispute resolution processes, in the event of such disputes.

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

Affected Students

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

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

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

*Limitation on Formula Funding for the 45-Hour Rule**

Funding of excess undergraduate semester credit hours is limited as follows:

- (a) Institutions may not submit for formula funding semester credit hours attempted by an undergraduate student who has previously attempted 45 or more semester credit hours beyond the minimum number of hours required for completion of the baccalaureate degree program in which the student is enrolled.
- (b) An undergraduate student at a four-year institution who is not enrolled in a degree program is considered to be enrolled in a degree program requiring a minimum of 120 semester credit hours.
- (c) Students who enroll on a temporary basis in a Texas public institution of higher education, and are not seeking a degree or Level-Two certificate, and are also enrolled in a private or independent institution of higher education or an out-of-state institution of higher education are considered to be enrolled in a degree program requiring a minimum of 120 semester credit hours.
- (d) For the purposes of the undergraduate limit, an undergraduate student who has entered into a master's or professional degree program without first completing an undergraduate degree is considered to no longer be an undergraduate student after having completed the equivalent of a bachelor's degree or all of the course work normally taken during the first four years of undergraduate course work in the student's degree program.
- (e) The following types of semester credit hours are exempt and do not count toward the limit:
 - (1) semester credit hours earned by the student before receiving a baccalaureate degree that has been previously awarded to the student;
 - (2) semester credit hours earned through examination or similar method without registering for a course;
 - (3) semester credit hours from remedial and developmental courses, technical courses, workforce education courses or other courses that would not generate academic credit that could be applied to a baccalaureate degree and is within the 18-hour limit at the institution;
 - (4) semester credit hours earned by the student at a private institution or an out-of-state institution; and
 - (5) any semester credit hours not eligible for formula funding.

**Limitation on formula funding for the 30-hour rule is the same as the 45-hour rule.*

An institution of higher education may charge a higher tuition rate, not to exceed the rate charged to nonresident undergraduate students, to an undergraduate student whose hours can no longer be submitted for formula funding because of the funding limit defined in section (a) above.

Concurrent Enrollment

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

Visiting a Course

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

Course Attendance by Senior Citizens

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

CLASS POLICIES

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

Cheating and Plagiarism

Students are expected to do their own course work. Simple cases of first offense cheating or plagiarism by an individual student may be handled by the instructor after consultation with the department chair. When the evidence is indisputable, the usual penalty is a grade of *F* on the particular paper or in the course. The student is usually confronted with the evidence in private and advised of the penalty to be assessed. The evidence will be retained for at least one full year.

For more serious cases, such as those involving repeated offenses, conspiracy with other students or the theft and selling of examination questions, a report should be made by the instructor via the department chair and division head to the Provost and Vice President for Academic Affairs for disciplinary action. Expulsion from the university is a normal penalty for such offenses.

Class Attendance

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

Absences for Religious Holidays

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

"Dead Week"

To support the learning environment, the university will adhere to a four school day period of student study before the first scheduled final examinations each term. During this time, no required quizzes, tests or examinations (except for make-up tests and/or final examinations for graduating seniors) shall be administered. The latter does not preclude the introduction of new material in class or the administering of laboratory final examinations, nor does it create any implication that class attendance is not expected during this period. Scheduling of other university events or functions that involve students is discouraged and should be limited during this period.

Research on Human Subjects

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

GRADES

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

<i>A</i>	Excellent, 90-100.
<i>B</i>	Good, 80-89.
<i>C</i>	Average, 70-79.
<i>D</i>	Passing, 60-69.
<i>F</i>	Failure, below 60.
<i>CR/NC</i>	Credit/Non-credit: used for courses that do not meet the normal or traditional framework of course scheduling and do not lend themselves to letter grading.
<i>I</i>	Incomplete: given to a student who is passing but has not completed a term paper, examination or other required work. The instructor and the student are required to complete the standard university contract form for each course in which the temporary grade of <i>I</i> has been assigned. The grade of <i>I</i> will be used only to allow a student who has encountered some emergency such as illness or an accident an opportunity to complete the requirements for a course. A grade of <i>I</i> reverts to a grade of <i>F</i> one year from the close of semester/term in which the grade was originally recorded if the course requirements have not been satisfied.
<i>IP</i>	In Progress: used for graduate theses and graduate research projects. (Students must register every subsequent semester until the final grade is given.) In-progress (<i>IP</i>) grades remain indefinitely on a student's transcript and cannot be changed with a change-of-grade card.
<i>Q</i>	Dropped: given when a student has officially dropped or withdrawn from the university before or on the mid-semester point as indicated on the official university calendar, regardless of student's standing in class. Also given after the mid-semester point to a student who is passing at the time the official drop is processed. (A student who is not passing receives the grade of <i>F</i> under such circumstances.)
<i>QE</i>	Dropped: given when a student impacted by SB 1231 has officially dropped a course and extenuating circumstances are involved (refer to "Exceptions to the Maximum Number of Non-Punitive Drops for Undergraduates Subject to Senate Bill 1231." Also applies to students impacted by SB 1231 who officially withdraw from the university.
<i>QF</i>	Dropped: given when a student impacted by SB 1231 has officially dropped a course after the mid-semester point who is not passing or has accumulated six (6) <i>QI</i> grades regardless of the student's academic standing in the class.
<i>QI</i>	Dropped: given when a student impacted by SB 1231 has officially dropped a course before or on the mid-semester point as indicated on the official university calendar, regardless of student's standing in class. Students are allowed a total of six (6) drops during their entire graduate studies. Also given after the mid-semester point to a student who is passing at the time the official drop is processed. (A student who is not passing receives the grade of <i>QF</i> under such circumstances.)
<i>X</i>	No grade posted by instructor: used to indicate that no grade was posted by the instructor teaching the course.

Removing the Grade of *I*

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

Change of Grade

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

Students should review their end of semester final grades closely to ensure their accuracy. If an error or discrepancy should occur, the student should contact the appropriate professor and/or the Office of the Registrar immediately to be resolved. It is

recommended that those changes occur no later than the beginning of the next semester. **Under no circumstances will grades be changed after one calendar year.**

Repetition of a Course

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

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

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

Repeated Grade Notation

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

ACADEMIC STANDING

Classification of Students

Sophomore: at least 30 semester hours of credit, but fewer than 60 semester hours.

Junior: at least 60 semester hours of credit, but fewer than 90 semester hours.

Senior: at least 90 semester hours of credit.

Grade Point Average

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

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

Grade Point Summary

All official and unofficial transcripts will have the following abbreviations:

AHRS - Attempted Hours – TAMU-SA and transfer courses (all grades)

EHRS - Earned Hours – TAMU-SA and transfer courses (passed/credit)

QHRS - Quality Hours – TAMU-SA courses only (passed/failed)

QPTS - Quality Points – TAMU-SA courses only

GPA - Grade Point Average - QPTS/QHRS

Honor Roll, Provost's List and President's List

Full-time undergraduate students of highest academic rank will be honored each semester by the publication of their names on the President's List, Provost's List and the Honor Roll List. The President's List requires a grade point average of 4.00 on all work attempted for a particular semester, with a minimum of 12 semester undergraduate hours completed, exclusive of credit only (CR) courses. The Provost's List requires a grade point average of 3.65 on all work attempted for a particular semester, with a minimum of 12 semester undergraduate hours completed, exclusive of credit only (CR) courses. The Honor Roll requires a grade point average of 3.5 on all work attempted for a particular semester, with a minimum of 12 semester undergraduate hours, exclusive of credit only (CR) courses.

Minimum Grade Requirements

A minimum 2.0 cumulative institutional GPA is required to avoid probation. Students in the Teacher Preparation Program in the School of Education & Kinesiology must maintain a minimum of 2.5 cumulative institutional GPA. All transfer students must have a cumulative 2.0 GPA to transfer into Texas A&M University-San Antonio.

Scholastic Probation

Students will be placed on scholastic probation any time their overall grade point average at Texas A&M University-San Antonio falls below 2.0. Such students are required to seek academic advising before registering for classes. Students who have been placed on scholastic probation will be removed from such probation at the conclusion of the semester or summer term at this university, if they have achieved a 2.0 grade point average.

Enforced Withdrawal

Students who have been placed on scholastic probation, and who fail to achieve the minimum cumulative grade point average during the next long semester, will be placed on enforced withdrawal. Students who have been placed on enforced withdrawal may return after an absence of one semester; however, students placed on enforced withdrawal for a third time may return only after an absence of one year. These students must obtain an approval letter from the appropriate college dean and submit a readmission application to the Office of Admission. In any case, the required absence period may be shortened or eliminated upon approval of the academic division head. Students who believe there are nonacademic, extenuating circumstances that contributed to their inability to perform well academically may appeal their enforced withdrawal. Students who wish to appeal should contact their academic advisor for procedures and deadlines.

Removal of Enforced Withdrawal Status by Summer Study

Students placed on enforced withdrawal at the end of the spring semester are eligible to attend the subsequent summer session. If the student achieves a cumulative grade point average of 2.0 or higher at the conclusion of the summer terms, the enforced withdrawal status will be removed.

THE STUDENT'S PERMANENT RECORD

Transcripts

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

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

Holds

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

Change of Name, Address or Social Security Number

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

Death of a Student

The death of a currently enrolled student should be reported to the Office of the Registrar immediately. After confirming the death, the Office of the Registrar notifies the appropriate faculty and academic dean, closes all student records and codes the student information system to block mailings to the deceased.

ADVANCED CREDIT

College Level Examination Program Examination and Course Equivalency Guide (CLEP)

Texas A&M University-San Antonio will accept CLEP credit courses for the following purposes:

1. To establish eligibility for undergraduate admissions.
2. To fulfill statutory and core (lower-level) academic requirements for bachelor's degree programs.

The exception is that students will not be eligible for credit in a course for which they have received credit in a more advanced course unless otherwise designated by the division head in which the subject is offered.

A&M San Antonio Equivalent	Subject Examination	Minimum Score
	Business	
ACCT 2301 (3 Cr)	Financial Accounting	50
CISA 1301 (3 Cr)	Information Systems and Computer Applications	50

BLAW 3341 (3 Cr)	Introductory Business Law	50
MGMT 3311(3 Cr)	Principles of Management	50
MKTG 3361 (3 Cr)	Principles of Marketing	50
ECON 2301 (3 Cr)	Principles of Macroeconomics	50
ECON 2302 (3 Cr)	Principles of Microeconomics	50
	World Languages	
FREN 1311, FREN 1312 (6 Cr)	French Language, Level 1	50
FREN 1311, FREN 1312, FREN 2311, FREN 2312 (12 Cr)	French Language, Level 2	59
GERM 1311, GERM 1312 (6 Cr)	German Language, Level 1	50
GERM 1311, GERM 1312, GERM 2311, GERM 2312 (12 Cr)	German Language, Level 2	60
SPAN 1311, SPAN 1312 (6 Cr)	Spanish Language, Level 1	50
SPAN 1311, SPAN 1312, SPAN 2311, SPAN 2312 (12 Cr)	Spanish Language, Level 2	63
	History and Social Sciences	
GOVT 2301 (3 Cr)	American Government	50
HIST 1301 (3 Cr)	History of the United States I: Early Colonization to 1877	50
HIST 1302 (3 Cr)	History of the United States II: 1865 to Present	50
PSYC 2301 (3 Cr)	Introductory Psychology	50
SOCI 1301 (3 Cr)	Introductory Sociology	50
	Science and Mathematics	
CAL I (3 Cr)	Calculus	50
Math 1314 (3 Cr)	College Algebra	50
	Science and Mathematics	
BIOL 1306/BIOL 1106 (4Cr)	Biology	50
CHEM 1311/CHEM 1111 (4 Cr)	Chemistry	50

UNIVERSITY LIBRARY

University Library

Stefanie Wittenbach, *University Librarian*

Administration Building, Room 220, Extension 7860

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

Staff:

Deidre McDonald, Education Librarian

Prudence Morris, Digital Resources Librarian

Sarah Timm, Library Specialist III

Teresa de la Torre, Library Specialist III

Rhiannon Damon, Library Specialist I

Patricia Barrios, Library Specialist I

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

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

Research assistance and instruction

The University Library's professional librarians and staff provide one-on-one research assistance all hours that the library is open, in-person, via e-mail, and via chat. In addition, librarians provide instruction in a variety of topics, including how to do research and how to format a research paper. Working with faculty, the librarians also provide course-specific instruction to aid students in successfully completing course assignments.

Curriculum support

The Library serves as the coordinator of the university's online tutoring service, Smarthinking. Smarthinking is available to all students and is readily available on the university's website.

Information resources

The University Library provides a wide variety of information resources for students, faculty, and staff. Online resources, such as databases, electronic journals, e-books, and other information sources are available on campus and most are also available for off-campus use by university affiliated individuals. The onsite print and media collection is growing and consists of materials that directly relate to TAMU-SA academic programs, course reserves, and K-12 curriculum support materials. Books, journal articles, and other items may be requested from area libraries using a TexShare card, or requested online through ILLiad, the interlibrary loan/document delivery service.

Library facilities

The University Library offers open access to computers, print and media collections, and study space for all students, faculty, staff, and the general public. Hours are posted on the University Library's website.

GENERAL REQUIREMENTS FOR GRADUATION WITH A BACCALAUREATE DEGREE

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

That common body of essential knowledge and skills shall include the following six component areas equaling 42-44 semester credit hours:

Communication, divided into two areas:

- A. English (Rhetoric/Composition) (010)
Required: 6 semester credit hours
ENGL 1301 and ENGL 1302

Objective: An ability to comprehend and articulate effectively in written English.

- B. Oral Communication (011)
Required: 3 semester credit hours of oral communication
**Select one course from:
SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321**

Objective: An ability to use oral communications effectively, or to evaluate messages, and to employ critical thinking.

Mathematics (Logic, college-level algebra equivalent or above) (020)

Required: 3 semester credit hours

Select one course from:

MATH 1314, MATH 1324, MATH 1332, MATH 1414 or any other math course for which one of these courses is a prerequisite

Objective: An ability to reason analytically and demonstrate basic mathematical skills and knowledge.

Natural Science (030):

Required: 6 to 8 semester credit hours with laboratory experience

Objective: An ability to understand the history, nature, methods and limits of science, and the major impacts and influences of science and technology on contemporary society.

Humanities and Visual and Performing Arts, divided into two areas:

- A. Visual/Performing Arts (050)
Required: 3 semester credit hours
- B. Literature, Philosophy, Modern or Classical Language/Literature and Cultural Studies (040)
Required: 3 semester credit hours

Objective: An ability to interpret, evaluate and appreciate works of human culture and express aesthetic or creative insights about the human condition.

Social and Behavioral Sciences, divided into three areas:

- A. U.S. History (legislatively mandated) (060)
Required: 6 semester credit hours
Six hours of U.S. History (three hours may be Texas History)
- B. Political Science (legislatively mandated) (070)
Required: 6 semester credit hours
Six hours of Constitutions of the United States and Texas
- C. Social/Behavioral Science (*Social/behavioral*) (080)
Required: 3 semester credit hours

Objective: An ability to evaluate contemporary and historical societal and ethical issues, problems and values with a sense of balance between self-concern and public responsibility.

Global Learning (*Global learning*) (090):

Required: 3 semester credit hours

Select one course from:

ANTH 2301, ANTH 2302, PHIL 1301, GEOG 1303, HIST 2321 or HIST 2322.

Objective: An ability to provide critical analysis of global issues and to identify commonalities and differences among diverse cultures.

OTHER DEGREE REQUIREMENTS

Major and Minor

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

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

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

Advanced Work

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

Grade Average

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

Academic Residence Requirement

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

RESTRICTIONS

Number of Physical Activity Courses

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

Maximum Number of Hours in Religion

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

Correspondence Work

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

Graduation Under a Particular Catalog

A student has the privilege of being graduated according to the curricular requirements as stated in the catalog of the year in which the student first registered for work in residence at the university, or the student may be graduated under any later catalog of a year in which the student was registered for residence work provided that requirements are met within five years of the date of the catalog chosen and provided further that the institution offers courses listed as requirements in previous catalogs.

Application for Graduation

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

Use of Official Name on Diploma

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

Graduation in Absentia

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

A Second Bachelor's Degree

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

A student who has already been awarded a bachelor's degree from Texas A&M University-San Antonio or another institution cannot be awarded a second bachelor's degree until the candidate has accumulated at least 24 additional hours at this university. The applicant for a second bachelor's degree must complete all the specific course requirements of the second degree and meet the required grade point average.

COMMENCEMENT AND COMMENCEMENT HONORS

(For undergraduate degrees only)

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

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

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

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

Participation with honors at commencement does not imply that the student will be awarded University Honors. Students must achieve an honors eligible GPA once final grades are posted for the semester in which the student is a candidate.

GRADUATION WITH UNIVERSITY HONORS

(For undergraduate degrees only)

A grade point average of 3.65 is the minimum for graduation Summa Cum Laude (with highest honors); a grade point average of 3.5 or higher but less than 3.65 will merit Magna Cum Laude (with high honors); an average of 3.25 or higher but less than 3.5 will merit graduation Cum Laude (with honors). *Grade point averages are not rounded up to achieve these figures.*

For students with 45 semester hours taken at TAMU-SA, the grade point average for honors is calculated only on the courses taken at TAMU-SA. For students with less than 45 semester hours taken at TAMU-SA, the grade point average for honors is calculated on the basis of the last 45 hours taken in completing the baccalaureate degree, including courses taken at TAMU-SA and any lower- or upper-division transferrable academic courses, provided that the student has at least 30 hours taken at TAMU-SA and the grade point average for courses taken at TAMU-SA is at least a 3.25.

UNDERGRADUATE DEGREES AND MAJORS OFFERED

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

SCHOOL OF ARTS & SCIENCES

William S. Bush, *Interim School Head and Department Chair*
Gloria Ramos-Cortes, *Administrative Assistant*
Main Campus, Room 230, Extension 6282.

The Department of Arts & Sciences offers students a broad-based, liberal arts education transmitting a core of knowledge and cultural values.

The department is committed to providing a humanistic and analytical education through a student-focused educational environment. Its faculty excel in teaching, scholarship and service. The curriculum and its orientation are responsive to the cultural diversity of the students and to the entire South Texas region. In this way, the department helps to expand the academic, social and cultural horizons and expectations of the people it serves.

Through teaching, scholarship and service, the department provides students with a core of cultural knowledge and understanding necessary to function as global citizens and with the life skills and judgment essential to contribute fully to society.

Teaching Certification

Students seeking a certificate to teach in the secondary schools of Texas must earn a bachelor's degree in a recognized major. The State Board for Educator Certification approved new teaching fields and grade levels for certification beginning in 1999. Majors in the Division of Business, Arts & Sciences that may lead to secondary certification include the following:

- Biology
- English
- History
- History (Social Studies emphasis)
- Mathematics

For specific degree requirements, contact an academic advisor. For additional information, refer to the School of Education & Kinesiology section regarding the Standard Certificate in this catalog.

Requirements for the Degree

All students obtaining a bachelor's degree must satisfy the "General Requirements for Graduation" as set forth in an earlier section of this catalog. This includes, among others, residence requirements, correspondence courses limitations and grade average rules.

Each program sets the minimum number of hours required for its major and for graduation. A minimum of 45 of the total number of hours must be on the advanced level. Individual degree programs are outlined below.

A minimum grade point average of 2.0 is required on (1) all course work specified for the degree, (2) all course work attempted at this university, (3) all courses in the major and the minor where required on work taken at this university and (4) all courses transferred for the minor when no courses in the minor field are taken at this university.

Foreign Language

All Bachelor of Arts degrees must include two years (12 SCH) of foreign language study.

Major

A major shall consist of a minimum of 24 semester hours in one subject, 6 of which must be taken at this university. At least 50% of the work offered in the major field must be advanced. Electives in the major field are limited to 6 hours above the number of hours required for the degree. Double majors must complete the specific requirements for both fields.

Minors

Students receiving a Bachelor of Arts or a Bachelor of Science degree (except for double majors and certain degrees with Teaching Certification) must have a recognized minor. Unless otherwise indicated, a minor consists of a minimum of 18 hours. Certain minors require more; see "Recognized Minors" below. Six hours in the minor field must be on the advanced level. See "Majors" above.

Recognized Minors

The following minors are available to Arts & Sciences majors: Biology, Business Administration, Computer Information Systems, Criminology, English, History, Communications, Kinesiology, Mathematics, Political Science, Psychology, Sociology, Spanish Journalism.

In addition, any body of courses which leads to a specific state-recognized teaching certification or similar endorsement, and which meets the minimum requirements indicated above for all minors, may be accepted as a minor, subject to approval by the academic division head and by the chair of the student's major department. An interdisciplinary or other specialized minor which meets the minimum requirements indicated above, may be recognized in individual cases, subject to approval by the student's major department, the academic division head and any department in which at least 9 hours of the proposed minor will be taken. The division head's office will circulate a list of minors that has been approved under either of these conditions.

Special conditions apply to the following:

Biology: The minimum number required will be 24 semester hours or an amount corresponding to six 3 or 4 credit hour courses.

Business Administration: The following courses are required: ACCT 2301, MGMT 3311, MKTG 3361 and nine additional hours to be chosen from any 3000 or 4000 level College of Business Administration courses for which the prerequisites have been met or instructor approval has been granted.

Computer Information Systems: A minor consists of CISA 1301, CISA 3358, CISA 3354 and three approved advanced CISA courses.

English: The minimum number shall be 18 semester hours beyond ENGL 1301-ENGL 1302, 12 of which must be advanced.

History: The minimum requirement shall be 21 semester hours, consisting of HIST 1301-1302, HIST 2321-2322, HIST 4301 and 6 hours of advanced electives.

Mathematics: The minimum requirement shall be 18 hours to include Math 2413 (Calculus I), Math 2414 (Calculus II), and 9 additional hours of upper division math. electives.

BACHELOR OF APPLIED ARTS AND SCIENCES (B.A.A.S. Program)

The purpose of the Bachelor of Applied Arts and Sciences (B.A.A.S.) is to offer students with formal training in a vocational-technical studies area the opportunity to obtain a baccalaureate degree without the significant loss of credits that normally occurs in pursuing a traditional degree. This program is especially appropriate for graduates of an Associate of Applied Science program. The degree is designed to afford both academic and professional depth to individuals who possess recognized competence in an occupational or technical field. It is designed to offer flexibility that will permit tailoring the program to the student's background and educational objectives.

Degree Requirements

The student must complete a baccalaureate degree plan (120 semester hours minimum) consisting of 36 hours in residence and transfer credit which includes the following:

- A. **General Education, Prerequisites and Electives** (42 to 66 semester hours): This component is made up of freshman and sophomore-level courses which meet each of the criteria identified by the university as important aspects of a general education listed in the General Education Requirements.
- B. **Area of Specialization** (18-42 semester hours): Credits toward the area of specialization may be earned from junior or community colleges, vocational or technical schools, armed forces schools whose work can be equated to vocational/technical schools and in certain cases work experience (maximum six semester hours). Please see your academic advisor for more information regarding counting work experience.
- C. **Professional Development** (36 semester hours): The courses taken in this area are to be chosen to provide academic depth and breadth to the area of specialization and, in addition, afford substantive developmental knowledge in the student's professional career goals. The component focuses on areas of learning directly related to upward mobility and further extends a student's knowledge, skill and expertise. The professional development sequence of 36 semester hours will be selected from Business, Psychology, Sociology, Criminology, and Human Relations. The professional sequence will be tailored to each student's needs.

Candidates for the B.A.A.S. degree must complete a minimum of 36 hours in residence.

Students who choose the business emphasis of the B.A.A.S. degree must meet the same lower-division (field of study) course requirements as students pursuing the B.B.A. degree.

BIOLOGY (BIOL)

3301. Evolutionary Theory. 3(3-0)

A study of Darwinism, mechanisms of evolutionary change and a history of life in the context of contemporary biology. Prerequisite: BIOL 3402 or equivalent.

3375. Economic Entomology. 3(3-0)

The characteristics, life history and identification of insects important to man, with particular reference to agriculture and disease vectors. Stress will be on control measures for harmful species. Prerequisite: 12 semester hours of biology.

3401. Invertebrate Zoology. 4(3-3)

Classification, anatomy, life history and evolution of invertebrates exclusive of insects. Prerequisite: 12 semester hours of biology.

3402. Genetics. 4(3-3)

Fundamental concepts of heredity, including cell reproduction, transmission genetics, biochemistry of genetics, gene structure and function, and genetics of population. Lecture and laboratory/recitation meetings. Prerequisites: 12 semester hours of biology; 6 semester hours of chemistry recommended.

3403. Plant Taxonomy. 4(3-3)

An introductory course concerned with developing skill in recognition and identification of seed plants at the species and family levels. Emphasis will be placed on collection, use of keys and manuals and herbarium techniques. Prerequisite: 12 semester hours of biology.

3404. Biotechniques. 4(3-3)

Focus on applications of modern molecular techniques that are used in biology. Technical report writing and computer skills will be emphasized. Prerequisite: freshman biology.

3405. Vertebrate Zoology. 4(3-3)

Anatomy, classification and natural history of the vertebrates; methods of collecting, preserving and identifying local vertebrates. Prerequisite: 12 semester hours of biology.

3407. Ecology. 4(3-3)

Ecology of water and land forms of South Texas. Prerequisite: 12 semester hours of biology.

3408. Animal Physiology. 4(3-3)

A study of the fundamental process of the animal systems. Prerequisites: 12 semester hours of biology and 6 semester hours of chemistry.

3409. Field Biology I. 4(20-20)

A study of the ecology and conservation of southern Texas flora and fauna. Prerequisite: 6 semester hours of biology.

4102. Seminar. 1(1-0)

Current biological literature with critical class analyses. Course may be repeated for credit. Prerequisite: 12 semester hours of biology.

4304. Research Projects in Biology. V:1-3

An independent review of literature and a laboratory or field problem yielding a formal report on the research. Variable credit dependent upon the project. Prerequisite: advanced standing and prior approval of the problem by the supervising instructor.

4355. Topics in Biology. 3(3-0)

Lectures in selected topics. May be repeated for credit once under a different topic. Prerequisite: 12 semester hours of biology or equivalent.

- 4401. Molecular Biology.** 4(3-3)
The application of modern molecular techniques to manipulate the replication and expression of genes. The laboratory will introduce basic and advanced molecular techniques. Prerequisites: 12 semester hours of biology and BIOL 3402.
- 4402. Vertebrate Embryology.** 4(2-4)
Embryonic development of the frog, chick and pig. Prerequisite: 12 semester hours of biology.
- 4406. Bacteriology.** 4(3-3)
Survey of medical, public health, water, sewage and milk bacteriology. Bacteriological technique is emphasized. Prerequisites: 12 semester hours of biology; 6 semester hours of chemistry recommended.
- 4408. Immunology.** 4(3-3)
Fundamental concepts in Immunology covering molecular and cellular immunology as well as applied aspects. . Prerequisite: 12 semester hours of biology, including BIOL 4406; organic chemistry recommended.
- 4410. Topics in Biology.** 4(3-3)
Lectures, literature investigation and research in selected topics. May be repeated for credit once under different topic. Prerequisite: 12 semester hours of biology or equivalent.
- 4411. Plant Physiology.** 4(3-3)
The study of the physiological functions of vascular plants including water relations, photosynthesis, respiration, hormone synthesis. Prerequisites: 12 hours of biology including BIOL 1307/BIOL 1107.
- 4412. Plant Growth and Development.** 4(3-3)
Study of the effects of various environmental and biological factors on germination, growth, enzyme production and nucleic composition of plants. Will use bioassays and techniques of enzymology, molecular biology and tissue cultures. Prerequisites: 12 hours of Biology, including BIOL 1107, BIOL 1307; BIOL 4411 recommended
- 4413. Non-flowering Plants.** 4(3-3)
The study of structure, physiological function, life cycles and the economical and biological importance of algae, bryophytes, lichens, ferns and gymnosperms. Prerequisites: 12 hours of biology including BIOL 1307/BIOL 1107.
- 4425. Ornithology.** 4(3-3)
Classification, structures, physiology, natural history and field identification of birds. Prerequisite: 12 semester hours of biology.
- 4426. Cellular Physiology.** 4(3-3)
Physiochemical function at the cellular level. Prerequisites: 12 semester hours of biology and CHEM 3323/3123, CHEM 3325/3125; PHYS 1301/1101 and PHYS 1302/1102 recommended.
- 4427. Herpetology.** 4(3-3)
Classification, anatomy, life history and distribution of reptiles and amphibians with special emphasis on local forms. Prerequisite: 12 semester hours of biology.
- 4429. Mammalogy.** 4(3-3)
Classification, distribution, life histories, economic importance, techniques of field study, methods of collection and preservation of mammals. Prerequisite: 12 semester hours of biology.
- 4430. Parasitology.** 4(3-3)
Introduction to parasitism with special reference to human and other vertebrate hosts. Prerequisite: 12 semester hours of biology.
- 4431. Ichthyology.** 4(3-3)
Classification, anatomy, life history and distribution of fishes, with special emphasis on local fresh water forms. Prerequisite: 12 semester hours of biology.

CHEMISTRY (CHEM)

3123. Organic Chemistry Laboratory I.

1(0-4)

Introduction to laboratory practices and procedures in organic chemistry, with emphasis on hydrocarbon chemistry. Pre- or corequisite: CHEM 3323.

3125. Organic Chemistry Laboratory II.

1(0-4)

Introduction to laboratory practices and procedures in organic chemistry, with emphasis on hydrocarbon chemistry. Pre- or corequisite: CHEM 3325.

3323. Organic Chemistry I.

3(3-0)

Introduction to the important concepts and principles in the bonding and reactions of organic molecules, with intensive study of the chemistry of non-aromatic hydrocarbons. Prerequisites: CHEM 1312, CHEM 1112. To count for a major or minor in Chemistry, CHEM 3123 must also be taken.

3325. Organic Chemistry II.

3(3-0)

Continuation of CHEM 3323. An intensive study of the reactions and mechanisms of aromatic hydrocarbons and the main non-hydrocarbon functional groups. Prerequisites: CHEM 3323, CHEM 3123. To count for a major or minor in Chemistry, CHEM 3125 must also be taken.

3451. Environmental Chemistry.

4(3-3)

Sources and causes of land, water and air pollution; the methods of measurement and abatement. May not be counted as part of the minimum requirements for a major in chemistry. Prerequisites: CHEM 1112, CHEM 1312 and two additional 3- or 4-credit hour courses in either biology or geology or more advanced chemistry.

4341. Biochemistry I.

3(3-0)

Introduction to the important concepts, nomenclature and compounds of biochemistry with special emphasis on the chemical interpretation of the structures and function of biological macromolecules. Prerequisite: CHEM 3325.

4342. Biochemistry II.

3(3-0)

An introduction to the major biochemical cycles and pathways in living organisms, including reaction steps, regulation and mechanisms. Prerequisite: CHEM 4341.

COMMUNICATION (COMM)

- 3301. Reporting.** 3(2-3)
Theory and practice in news gathering and writing; types and techniques of public affairs reporting. Lab assignments include coverage of university departments and activities, municipal and county government, schools and courts either with the university newspaper or other university publication approved by Department Chair. Lab requires use of computers as editing terminals and data bases. Prerequisite: COMM 2309.
- 3308. Radio and Television News and Script Writing.** 3(3-0)
Writing correctness, clarity and style in radio and television: includes collecting, writing and editing news, continuity, drama, address and commercial copy.
- 3350. Theories of Communication.** 3(3-0)
This course is designed to introduce students to the world of communication theory. Communication theory allows students to learn about communication research, which in turn allows them to learn more about the different ways that people communicate with each other. In this course, students will discuss what researchers have found over the years about how, why, and to what effect people communicate with each other.
- 3351. Media Effects.** 3(3-0).
This course is designed to introduce students to theory, research methods, and research findings concerning the impact of the mass media on the individuals who consume it and on society in general. Course content includes: (1) An introduction to theory and how theory is used to generate research questions; (2) an introduction to research methods and the use of statistics; (3) a discussion of effects models and research paradigms; (4) examples of early classic media research and theory development; and (5) examples of contemporary media theory and effects studies.
- 4306. Selected Topics in Communication.** 3(3-0)
The study of literature and research in areas of communication. Includes such topics as international press, or yearbook production, semantics and history of public address. Maybe repeated once for credit when topic varies. Prerequisite: 6 semester hours of communication, journalism and/or speech.
- 4315. Media Ethics** 3(3-0)
This course will (1) examine philosophical and moral problems relating to the current state of the mass media and (2) use the case study method to analyze ethical decision-making processes. Topics will include ethical concerns and dilemmas in news, advertising, public relations and entertainment.
- 4317. Mass Media, the Public and the Law.** 3(3-0)
Legal and ethical limitation and responsibilities of the mass media, relationship and interaction between broadcaster, governmental regulatory agencies and the public. Prerequisite: 6 semester hours of journalism and/or radio-TV.
- 4391. Independent Study in Communication.** V:1-3
Intensive work in a special area of the student's major or minor. A maximum of 6 semester hours of credit in independent study may be applied toward graduation. Prerequisite: 6 semester hours in communication, speech or journalism.

COMMUNICATION – JOURNALISM (COMJ)

- 3302. Interviewing** 3(3-0)
Many individuals seek information through the interview. Differing from conversation, interviewing is a purposeful, planned form of interpersonal communication. In this course, both theory and application of skills are emphasized, the premise of the class being that interviewing is an art as well as a skill that one can learn to use well.
- 3304. Feature and Special Articles.** 3(3-0)

Identifying and developing feature story ideas. Reporting and writing feature articles and arranging appropriate pictures for publication in newspapers or periodicals. Emphasis on training students in identifying markets for nonfiction writing. Prerequisite: junior standing.

3321. Principles of Advertising. 3(3-0)
Advertising writing, layout, typography and art work. Advertising campaigns, selling, practice exercises and advertising work for publication.

4301. History of Journalism. 3(3-0)
Development of the newspaper in England and the United States with attention to the social, economic and political forces which brought about changes in journalistic techniques and in basic ideas as to newspaper functions. Study of the careers of noted journalists.

4302. Editorial Writing. 3(3-0)
Purpose and style of editorial comment. Editorial page editing. Prerequisite: junior standing.

4322. Public Relations. 3(3-0)
Principles of public relations and their application in business, industry, education, government, social agencies and other institutions; the media of public relations; research methods used in public relations; journalistic implications of the public relations process. Case studies and analysis. Practice in public relations planning and writing.

COMMUNICATION – SPEECH (COMS)

- 3304. Advanced Oral Interpretation.** 3(3-0)
Analysis and practice of techniques in the oral interpretation of drama, poetry, prose, programmed readings, lecture recital and group interpretations. Prerequisite: 6 semester hours of speech.
- 3331. Persuasive Communication.** 3(3-0)
Theories and techniques of persuasive communication including the psychological, logical and ethical principles involved. Types of speaking and persuasion in the media will be studied. Required for speech concentration. Prerequisite: COMS 1311 or equivalent.
- 3337. Intermediate Television Production and Direction.** 3(2-4)
Expanded operation and theory of television equipment is utilized in the production and direction of programs for the local educational cable television system. Prerequisite: COMS 1336.
- 4335. Advanced Studio and Remote Television Production.** 3(1-5)
Mastery of television equipment utilization both in the studio and field. Practical experience in electronic news gathering and electronic field production for educational cable television. Prerequisite: COMS 3337.

CRIMINOLOGY (CRIM)

- 3302. Social Deviance.** 3(3-0)
Survey of the sociological and psychological aspects of deviant behavior. Nature of deviance, types of deviant behavior, causal theories and social policy implications. (Credit may not be obtained in both CRIM 3302 and SOCI 3302.) Prerequisites: SOCI 1301 and 3 semester hours of Criminology or Sociology.
- 3320. Psychology of Criminal Behavior.** 3(3-0)
Psychological processes related to behaviorism, social learning theory, aggression theory, bio-psychological factors, criminal homicide, sexual offenses, drugs and crime, correctional psychology, the criminal offender and the mentally disordered offender. (Credit may not be obtained in both CRIM 3320 and PSYC 3320.) Prerequisites: PSYC 2301 and SOCI 1301.
- 3322. Juvenile Delinquency.** 3(3-0)
Incidences, types, causation, patterns, processes, treatment agencies and research as related to juvenile delinquency. (Credit may not be obtained in both CRIM 3322 and SOCI 3322.) Prerequisite: SOCI 1301.
- 3330. Community Perspectives of Crime**
Examines community measures of crime control and the social, political, economic issues affecting them. Specific emphasis will be given to situational crime prevention, community corrections, community policing and the geographic distribution of crime within urban areas. 3 (3-0)
- 3341. Comparative Justice Systems**
Critique of the differing policies, practices, and operations of crime and justice internationally. Specific attention will be directed to U.S. / Mexico, U.S. /Canada, and U.S. / European relations. 3 (3-0)
- 3350. Crime and Justice Policy** 3 (3-0)
This course covers major policy issues dealing with crime control and the criminal justice system. Law enforcement, corrections, civil liberties and court processes are main areas in which public opinion and policy are in current controversy and debate.
- 3355. Criminal Justice Organizations** 3 (3-0)
An overview of the various economic, social, and political factors that influence criminal justice organizations as well as the policies these agencies create. The course also examines major theories and structures of criminal justice organizations.
- 4320. Law and Society.** 3(3-0)

An in-depth examination of law and society through the philosophy and evolution of legal systems and legal institutions. The major functions of law as agents of social control, dispute resolution and societal engineering are addressed. (Credit may not be obtained in both CRIM 4320 and SOCI 4320.) Prerequisites: SOCI 1301 and 3 semester hours of Criminology or Sociology.

4321. Criminological Theory. 3(3-0)

An overview of the principle theories of criminality and the application of these theories to contemporary crime issues. Prerequisite: CRIM 3321 or SOCI 3321.

4325. Sociology of Corrections. 3(3-0)

Overview of social psychological, cultural, sociological and political factors related to the correctional enterprise. Includes treatment of the context of corrections, correctional practices, correctional issues, correctional institutions and correctional perspectives. (Credit may not be obtained in both CRIM 4325 and SOCI 4325.) Prerequisite: CRIM 3321 or SOCI 3321.

4326. Community Resources in Corrections. 3(3-0)

An analysis of correctional processes and facilities available at the community level. Topics include: probation, parole, diversion, halfway houses, community reintegration procedures, community treatment centers and volunteer programs. Emphasis is placed on social structure, functions and problems of community-based programs. Prerequisites: CRIM 3321 and SOCI 1301.

4331. Constitutional Law. 3(3-0)

A survey of American constitutional law, using leading cases, both historic and contemporary, of the Supreme Court of the United States. Establishment of the federal political system for which the Constitution provided and the judicial allocations of political and economic power within that system. (Credit may not be obtained in both CRIM 4331 and POLS 4331.) Prerequisite: 6 semester hours of Political Science.

4332. Constitutional Law. 3(3-0)

A survey of American constitutional law, using leading cases, both historic and contemporary, of the Supreme Court of the United States. Matters of rights and liberties, their recognition and definition, policies of rights developed by the Supreme Court of the United States. (Credit may not be obtained in both CRIM 4332 and POLS 4332.) Prerequisite: 6 semester hours of Political Science.

4333. The American Judicial Process. 3(3-0)

The federal Judicial System in terms of structure, function and process with stress on court interaction at both intra-court and intersystem levels. (Credit may not be obtained in both CRIM 4333 and POLS 4333.) Prerequisite: 6 semester hours of Political Science.

4340. Topics in Criminology. 3(3-0)

Literature and research in the area of criminology not otherwise treated in depth in available courses. Topics will vary according to needs, interests and capability of the instructor. May be repeated once for credit when topic differs. Prerequisite: 6 semester hours of Criminology.

4341. Organized and White-Collar Crime. 3(3-0)

An in-depth view of the social structural and organization factors leading to the development of organized and white collar criminal activity from a sociological perspective. The nature, extent, types, costs, structure and control of these crimes will be treated. Prerequisite: 6 semester hours of Criminology.

4342. Substance Abuse. 3(3-0)

A general survey of current research on psychological, social, legal and situational factors involved in substance abuse and its effect on human behavior and criminal activity. Includes examination of therapeutic procedures and facilities. (Credit may not be obtained in both CRIM 4342 and PSYC 4342.) Prerequisite: 6 semester hours of Criminology or Psychology.

4345. Victimology. 3(3-0)

An examination of the historical role of crime victims, nature of victimization in modern society, the victimization process, solutions to victimization and victim's rights. Emphasis given to the social, legal, psychological and societal aspects of victimization. Victim/offender interaction and societal response to victimization will also be examined. Prerequisite: 6 semester hours of social science.

4346. Gangs and Gang Behavior. 3(3-0)
Gangs and gang behavior from a cross-cultural perspective. The historical evolution of gangs in America and Europe. Emphasis on the causes, consequences and social control of gangs in society. Prerequisite: 6 semester hours of Criminology.

4348. Violence. 3(3-0)
Types of violence from a historical and cross-cultural perspective, identifying and delineating patterns of violent behavior. Social structure and culture are linked to violence and examined in the context of individuals, groups and societies. Emphasis is placed on the social control of violence. Prerequisite: 6 semester hours of Criminology.

4350. Seminar in Criminology 3 (3-0)
The capstone course for the Criminology degree major. The course integrates theory with practical aspects of the criminal justice system. Specific interest is given to contemporary research in criminology, including policing, corrections and judicial systems.

4360. Criminology Internship 3 (3-0)
This course provides students the opportunity to integrate traditional learning exercises with practical experience in the criminal justice system.

4382. Methods of Social Research. 3(3-0)
Introduction to the study of the scientific method as applied to social research including the logic of science, covering the nature of data, hypotheses, concepts and objectivity. (Credit may be obtained in only one of CRIM 4382 or SOCI 4382.) Prerequisites: SOCI 1301 and 3 semester hours of Sociology.

4384. Directed Research in Criminology. V:1-3
Supervised research experience in criminology. Student will assist with a research project under the individual guidance of a faculty member. Requirements may include library research, data collection, data entry, statistical analysis and/or assistance in planning and conducting parts of a research project. A paper on the research experience is required. May be repeated for a maximum of 6 semester hours of credit. Prerequisites: SOCI 3381 or PSYC 3381, CRIM 4382 and 6 other semester hours of Criminology. (Consent of instructor required.) Credit/Non-credit.

ENGLISH (ENGL)

3300. Special Topics in Writing. 3(3-0)
Practice and refinement of the writing process with emphasis on audience, purpose and form; paying attention to rhetorical invention, arrangement and style appropriate to the particular topic. May be repeated when a different topic is scheduled. Prerequisite: 3 semester hours of sophomore English or permission of instructor.

3350. Introduction to Advanced Literature. 3(3-0)
This course will provide students with instruction for successfully completing 4000-level literature courses by covering a range of literary periods and nationalities and literary terminology as well as refining writing and documentation conventions. Prerequisite: 3 semester hours of sophomore English or permission of instructor.

3373. Children's Literature. 3(3-0)
Books for children from nursery school through middle school. Students participate in writing poetry, choral reading, book reviewing, story-telling and responding to books in a variety of ways. Prerequisite: 3 semester hours of sophomore English or permission of instructor.

3376. Mythology. 3(3-0)
Greek and Roman mythology; epics of Western Europe, as background for the study of literature in the English language. Prerequisite: 3 semester hours of sophomore English or permission of instructor.

4310. Introduction to Linguistics. 3(3-0)
An introduction to the scientific study of language. Prerequisite: 6 semester hours of sophomore English.

4312. Advanced Composition. 3(3-0)
Study of advanced research methods, writing, rhetoric, and grammar. Prerequisite: 6 semester hours of sophomore English.

- 4322. British Literature of the Middle Ages.** 3(3-0)
Selected readings in translation from Old English to Middle English poetry and prose, with emphasis on *Beowulf*, the Arthurian legends and the *Canterbury Tales*. Prerequisite: 6 semester hours of sophomore English.
- 4325. Literature of the British Renaissance.** 3(3-0)
Selected readings in poetry, prose and non-Shakespearean drama of the 16th and 17th centuries. Prerequisite: 6 semester hours of sophomore English.
- 4327. Restoration and Eighteenth-Century British Literature.** 3(3-0)
The period from 1660 to 1800 with representative works of the major writers in verse, prose and drama. Prerequisite: 6 semester hours of sophomore English.
- 4331. The Major Plays of Shakespeare.** 3(3-0)
A close analysis of representative comedies and histories and the major tragedies. Prerequisite: 6 semester hours of sophomore English.
- 4341. Studies in the British Novel.** 3(3-0)
Study of significant British novels, with emphasis upon such authors as Fielding, Richardson, Eliot, Hardy, Burgess and Joyce. Prerequisite: 6 semester hours of sophomore English.
- 4342. British Romantic Literature.** 3(3-0)
Canonical and noncanonical writers associated with the Romantic period. Cultural background and representative works, including poetry and nonfiction prose. Prerequisite: 6 semester hours of sophomore English.
- 4344. Victorian Literature.** 3(3-0)
Canonical and noncanonical writers of the Victorian period. Cultural background and representative works, including poetry and nonfiction prose. Prerequisite: 6 semester hours of sophomore English.
- 4346. Twentieth Century British Literature.** 3(3-0)
Chief modern British writers of poetry, prose and drama. Prerequisite: 6 semester hours of sophomore English.
- 4361. Studies in the American Novel.** 3(3-0)
Study of significant American novels. Emphasis may be on historical development, certain periods, special topics treated by American novelists or varieties of American fiction. Prerequisite: 6 semester hours of sophomore English.
- 4365. Colonial and Nineteenth Century American Literature.** 3(3-0)
Survey of the chief nineteenth century poets and prose writers, with some attention to their colonial predecessors. Prerequisite: 6 semester hours of sophomore English.
- 4366. Twentieth Century American Literature.** 3(3-0)
Survey of the chief twentieth century American poets and prose writers. Prerequisite: 6 semester hours of sophomore English.
- 4370. Special Topics in Literature or Language.** 3(3-0)
Selected topics in British or American literature and/or world literature and language. A topic for intensive investigation will be selected for each offering of the course. May be repeated once for credit. Prerequisite: 6 semester hours of sophomore English. (Credit may not be obtained in both ENGL 4370, and, when topic is taught from a women's studies perspective, WMST 4370.)
- 4375. Studies in Women's Literature.** 3(3-0)
Study of women's literature based on a selected period, nationality, and/or issue. Can be team-taught from an interdisciplinary perspective. Prerequisite: 6 semester hours of sophomore English.
- 4384. Studies in Drama.** 3(3-0)
Selected topics in American, British or Continental drama. Emphasis may be on historical development, certain periods or some other approach to the study of drama. May be repeated once when a different topic is scheduled. Prerequisite: 6 semester hours of sophomore English.

4385. Studies in Multi-ethnic Literatures.

3(3-0)

Study of multicultural literatures based on a selected period, nationality, and/or issue. Can be team-taught from an interdisciplinary perspective. Prerequisite: 6 semester hours of sophomore English.

4390. Explorations in English.

3(3-0)

Required course for ENGL with Teaching Certification students. The course focuses on teaching novels, short stories, poetry, drama, and film to students in grades 4-12. Students will create classroom activities and lesson plans, research and analyze pedagogy, and complete a teaching portfolio. Prerequisite: 9 advanced hours of English.

4395. Visual Studies.

3(3-0)

Study of film, television, advertising, photography, and/or graphic novels. Can be team-taught. Prerequisite: 6 hours of sophomore English.

GEOGRAPHY (GEOG)

3305. Environmental Geography. 3(3-0)
The nature, geographic distribution, use and misuse of global resources with emphasis on those of North America. Ecosystems, air, water, soil, mineral and energy resources will be considered. Prerequisites: 3 semester credit hours of Geography or a science course (see General Education Requirements *Natural sciences* component).

3331. United States and Canada. 4(3-3)
The regional aspects of landforms, climate, resources and peoples of United States and Canada. Prerequisite: 12 semester hours of social sciences.

HISTORY (HIST)

4301. Methods of Historical Research. 3(3-0)
Procedures and methods of historical research. Introduction to types of historical data, the analysis of sources, the use of computer techniques in historical research and the methods of historical writing. Prerequisite: 6 semester hours of history.

4312. Europe in the Middle Ages. 3(3-0)
Political, economic and cultural developments in Europe from the fall of the Roman Empire to the Renaissance. Prerequisite: 12 semester hours of History and/or Political Science.

4315. Early Modern Europe to 1815. 3 (3-0)
Political, economic, and cultural developments in Europe including the Renaissance, Reformation, and Enlightenment periods. Prerequisite: 12 semester hours of History and/or Political Science.

4316. Europe, 1815-1914. 3(3-0)
Political, social and economic developments in Europe from the Congress of Vienna to the outbreak of World War I with emphasis on the rise of liberalism, nationalism and imperialism. Prerequisite: 12 semester hours of History and/or Political Science.

4318. Europe Since 1914. 3(3-0)
Political, social and economic developments in Europe from World War I to the present. Prerequisite: 12 semester hours of History and/or Political Science.

4330. Colonial America to 1763. 3(3-0)
English colonization, Anglo-Indian relations, the emergence of slavery, Puritanism, ending with the French & Indian War. Prerequisite: 12 semester hours of History and/or Political Science.

4331. American Revolution and Early Republic, 1763-1850. 3(3-0)
American rebellion, the Revolution, the Confederation period, the Constitution, the Federalist, Jeffersonian, and Jacksonian eras, ending with the Mexican American War and the Compromise of 1850. Prerequisite: 12 semester hours of History and/or Political Science.

4334. The Civil War and Reconstruction. 3(3-0)
Secession, formation of the Confederacy, military campaigns and Reconstruction. Prerequisite: 12 semester hours of History and/or Political Science.

4335. Gilded Age and the Progressive Era, 1877-1920. 3(3-0)
Industrial revolution, labor-business struggles, rise of Jim Crow, urbanization, immigration, Populism, Progressivism, World War One. Prerequisite: 12 semester hours of History and/or Political Science.

4336. America's Rise to World Power, 1920-1945. 3(3-0)
The 1920s, the Great Depression, and World War II. Prerequisite: 12 semester hours of History and/or Political Science.

4338. The United States Since 1945. 3(3-0)

Post-war abundance, the Cold War, social and cultural changes, the Vietnam era and the post-Nixon years. Prerequisite: 12 semester hours of History and/or Political Science.

4340. United States Social and Cultural History. 3(3-0)

The development of American society and culture with emphasis on religious trends, ethnic groups and the family. Prerequisite: 12 semester hours of History and/or Political Science.

4342. United States Foreign Policy. 3(3-0)

American foreign relations from the Revolution to the present with emphasis on the 20th century. Prerequisite: 12 semester hours of History and/or Political Science.

4344. American Frontier. 3(3-0)

The influence of successive frontiers upon American political, economic and social development from the earliest settlements to 1890. Prerequisite: 12 semester hours of History and/or Political Science.

4346. Texas History. 3(3-0)

Spanish background, Anglo-American settlement, the Revolution and Republic, statehood; economic, cultural and political development. Prerequisite: 12 semester hours of History and/or Political Science.

4348. History of the Mexican-American in the Southwest. 3(3-0)

A survey from the first Spanish settlers to the present. Prerequisite: 12 semester hours of History and/or Political Science.

4351. Latin America I: Colonial Era. 3(3-0)

Historical background of early Latin America from pre-Columbian times to the 19th century. Prerequisite: 12 semester hours of History and/or Political Science.

4352. Latin America II: Modern Era. 3(3-0)

Historical background of contemporary Latin America. Prerequisite: 12 semester hours of History and/or Political Science.

4356. Mexico. 3(3-0)

Political, economic and social history of Mexico from pre-Columbian times to the present. Emphasis on the last century. Prerequisite: 12 semester hours of History and/or Political Science.

4358. Asian History. 3(3-0)

An introduction to political, social, cultural and economic Asian history from antiquity to the present. Emphasis on the study not only of important Asian leaders, cultures and societies, but also of the various religions and philosophies which originated in Asia. Prerequisite: 12 semester hours of History and/or Political Science.

4360. Women in History. 3(3-0)

Investigation of the social, economic and political position of women from the Renaissance to contemporary America and a comparison of the ideal expounded by different historical epochs with woman's actual role in each society. (Credit may not be obtained in both HIST 4360 or WMST 4360.) Prerequisite: 12 semester hours of History and/or Political Science.

4361. African American History. 3(3-0)

A survey of the African American experience from the colonial period to the post-civil rights era. Prerequisite: 12 semester hours of History and/or Political Science.

4370. Crucial Topics in European History. 3(3-0)

Intensive seminar on a specialized topic in European history, culminating in the production of a significant research paper. May be repeated for credit as the topic changes. Prerequisite: 12 semester hours of History and/or Political Science.

4380. Crucial Topics in United States History. 3(3-0)

Intensive seminar on a specialized topic in United States history, culminating in the production of a significant research paper. May be repeated for credit as topic changes. Prerequisite: 12 semester hours of History and/or Political Science.

4392. Crucial Topics in Latin American History. 3(3-0)

Intensive seminar on a specialized topic in Latin American history, culminating in the production of a significant research paper. May be repeated for credit as the topic changes. Prerequisite: 12 semester hours of History and/or Political Science.

4396. Crucial Topics in Non-Western History. 3(3-0)

Intensive seminar on specialized topics in Non-Western history, culminating in the production of a significant research paper. May be repeated for credit as the topic changes. Prerequisite: 12 semester hours of History and/or Political Science.

4398. History Internship. 3(3-0)

Supervised professional experience in a museum, archive, public history site, or other community setting. Student may repeat this class for a maximum of 6 semester credit hours. Prerequisite: Approval of History faculty.

MATHEMATICS (MATH)

3415. Calculus III. 4(3-0-2)

This course is a continuation of MATH 2414. Topics to be covered include sequences, series, expansion of functions, multiple integrals and partial derivatives. Prerequisite: MATH 2314 or MATH 2414.

3320. Differential Equations. 3(3-0)

The ordinary differential equations of physics, chemistry and engineering; methods for their solution and the properties of their solution. Introduction to partial differential equations. Prerequisite: MATH 2414.

3325. An Introduction to Mathematical Proofs. 3(3-0)

Principles and techniques of discovering and writing correct mathematical proofs. Independently prove theorems from various areas in mathematics, which may include topics from logic, the structure of the real number system, number theory, geometry and algebra. Prerequisite: MATH 2413.

3340. Linear Algebra with Applications. 3(3-0)

Systems of linear equations, matrices, determinants, vector spaces, eigenvectors, eigenvalues, orthogonality, linear transformations and their representations by matrices, and applications. MATH 2413. Laboratory fee, \$5.

3360. Modern Geometry. 3(3-0)

Axiomatic approach, set theory and applications in geometry. Not applicable for credit in the physical sciences or engineering. Prerequisite: MATH 3325.

3370. Discrete Mathematics. 3(3-0)

This course covers many topics in mathematics which are important in computer science. Some of these topics are sets, relations, functions, algorithms, graphs, monoids, lattices, Boolean algebras and graphs. Prerequisite: 3 semester hours of advanced mathematics.

3371. Problem Solving with Computers. 3(3-0)

Brief historical overview of computing and computers; strategies for solving problems by computers; programming in a higher level language. Not applicable for credit in the physical sciences or engineering. Prerequisite: MATH 2413.

3390. Selected Topics in Mathematics. 3(3-0)

Different topics will be covered at varying times. May be repeated for credit with consent of the instructor. Prerequisite: 3 semester hours of advanced mathematics.

4301. Biostatistics. 3(3-0)

For students in biology, health sciences, human sciences and wildlife science. Descriptive and inferential statistics, basic probability concepts, probability distributions, estimation, hypothesis testing, correlation, simple linear regression, principles of epidemiology, statistical vs. clinical significance and quasi-statistical methods. Prerequisite: MATH 1314. Laboratory fee: \$5.

4303. Statistical Methods. 3(3-0)
Calculus-based probability, discrete and continuous random variables, joint distributions, sampling distributions, the central limit theorem, descriptive statistics, interval estimates, hypothesis tests, ANOVA, correlation and simple regression. Prerequisite: MATH 2414.

4321. Real Variables. 3(3-0)
The real number system, its structure and properties. Properties of real functions and sequences, including uniform continuity and the Cauchy criterion. Introduction to the theory of sets. Theory and application of the derivative. Introductory concepts of function spaces, norms and metrics. Prerequisite: 6 semester hours of advanced mathematics, including MATH 3325.

4340. Modern Algebra. 3(3-0)
Properties of the Integers: divisibility, prime factorization and congruences. Integral domains, rings and fields. Groups, permutations and cosets. A historical development of these topics is included. Not applicable for credit in the physical sciences or engineering. Prerequisite: MATH 3325.

4341. Linear Algebra and Matrix Theory. 3(3-0)
Vector spaces, subspaces, bases and dimension. Orthogonality, normal forms, eigenvalues, linear and special transformations, and applications. Prerequisite: 6 semester hours of advanced mathematics or permission of instructor. Laboratory fee, \$5.

4350. Probability. 3(3-0)
Sample spaces, combinatorics, independence, conditional probability and Bayes' rule. Discrete and continuous probability distributions, Chebychev's inequality and limit theorems. Prerequisite: MATH 3415 or consent of instructor.

4370. Vector Analysis. 3(3-0)
Vector algebra and geometry. Scalar and vector products. Vector functions and motion in polar coordinates. Scalar and vector fields with applications to line and surface integrals. Prerequisites: MATH 3415 and MATH 3320 or equivalent.

4371. The Laplace Transformation and its Applications. 3(3-0)
An introduction to the theory of the Laplace Transformation. Applications to the solution of ordinary and partial differential equations, integral equations, difference equations and integro-differential equations. An introduction to other types of integral transformations. Prerequisites: MATH 3415 and MATH 3320.

4372. Mathematics for Physics and Engineering I. 3(3-0)
Infinite series, matrix methods, vector analysis, applied multivariate calculus and Fourier series. Prerequisites: MATH 3415 and MATH 3320 or their equivalent.

4373. Applications of Matrix Methods. 3(3-0)
Matrices and their inverses, determinants, eigenvalues and eigenvectors, Jordan canonical forms. Applications to simultaneous linear equations, matrix calculus and linear differential equations. Prerequisites: MATH 3415 and MATH 3320.

4374. Numerical Analysis. 3(3-0)
The mathematical formation of the concepts in numerical analysis. These concepts include the theory of errors, roots of equations, interpolation, linear systems of equations, numerical differentiation, and integration and solutions of ordinary differential equations. Prerequisites: MATH 3415 and MATH 3320.

POLITICAL SCIENCE (POLS)

3302. Research and Analysis in Political Science. 3(3-0)
The practice of political science. The construction of research designs; major research tools; methods of political analysis; political science writing. Prerequisite: 6 semester hours of Political Science.

4311. Voting Behavior and Public Opinion. 3(3-0)
The relation of public opinion and voting behavior to democratic government; techniques employed in analyzing political attitudes and voting behavior. Prerequisite: 6 semester hours of Political Science.

- 4312. Interest Groups and Political Parties.** 3(3-0)
Formation, structure and functions of interest groups and political parties within the political system. Prerequisite: 6 semester hours of Political Science.
- 4313. The President and Congress.** 3(3-0)
Structure, functions and policy roles of the national executive and legislative branches of government. Prerequisite: 6 semester hours of Political Science.
- 4314. State and Local Government and Administration.** 3(3-0)
Structure and functions of governmental institutions; administrative practices of state and local governments. Prerequisite: 6 semester hours of Political Science.
- 4315. Urban Politics.** 3(3-0)
A study of urban political processes and major public problems confronting urban areas. Prerequisite: 6 semester hours of Political Science.
- 4317. Nuclear Proliferation and U.S. Non-Proliferation Policies.** 3(3-0)
Causes of and U.S. responses to, nuclear proliferation in Third World regions, focusing on “problem countries.” Topics include the non-proliferation regime, the “nuclear repentants,” nuclear arms control and the threat of nuclear terrorism. Prerequisite: 6 semester hours of Political Science or consent of instructor.
- 4321. Political Theory: Ancient and Medieval.** 3(3-0)
The theories of the major thinkers of the periods and of their development. Prerequisite: 6 semester hours of Political Science.
- 4322. Political Theory: Early Modern and Modern.** 3(3-0)
Theories of the major thinkers and the related intellectual and political movements. Prerequisite: 6 semester hours of Political Science.
- 4324. Technology and Society.** 3(3-0)
A study of technology and society from the perspective of social values, ethics, sociology, social environment, politics and economics. Prerequisite: 6 semester hours of Political Science and six semester hours of History.
- 4331. Constitutional Law.** 3(3-0)
A survey of American constitutional law, using leading cases, both historic and contemporary, of the Supreme Court of the United States. Establishment of the federal political system for which the Constitution provided and the judicial allocations of political and economic power within that system. (Credit may not be obtained in both POLS 4331 and CRIM 4331.) Prerequisite: 6 semester hours of Political Science.
- 4332. Constitutional Law.** 3(3-0)
A survey of American constitutional law using leading cases, both historic and contemporary, of the Supreme Court of the United States. Matters of rights and liberties, their recognition and definition, policies of rights developed by the Supreme Court of the United States. (Credit may not be obtained in both POLS 4332 and CRIM 4332.) Prerequisite: 6 semester hours of Political Science.
- 4333. The American Judicial Process.** 3(3-0)
The federal judicial system in terms of structure, function and process with stress on court interaction at both intracourt and intersystem levels. (Credit may not be obtained in both POLS 4333 and CRIM 4333.) Prerequisite: 6 semester hours of Political Science.
- 4341. International Relations.** 3(3-0)
The underlying principles governing political relations among sovereign states and the application of these principles to contemporary international problems. Prerequisite: 6 semester hours of Political Science.
- 4342. International Organization.** 3(3-0)
Basic features, functions and problems of international organizations through the League of Nations, the United Nations and its specialized agencies and other important regional organizations in the context of the world situation. Prerequisite: 6 semester hours of Political Science.

4343. International Law. 3(3-0)
An introduction to the study of international law. This course examines the definition, object and sources of international law as well as its relationship to domestic law and to the study of international relations. Prerequisite: 6 semester hours of Political Science.

4351. Comparative Politics. 3(3-0)
The structures, functions and processes of selected political systems. May be repeated once for credit. Prerequisite: 6 semester hours of Political Science.

4354. The Government and Politics of Latin America. 3(3-0)
The structures, functions and processes of the political systems of the nations of Central America, the Caribbean and South America. Prerequisite: 6 semester hours of Political Science.

4355. The Government and Politics of Mexico. 3(3-0)
The structures, functions and processes of the political system of Mexico. Prerequisite: 6 semester hours of Political Science.

4361. Public Administration. 3(3-0)
The place of public administration in government; the relations of the bureaucracy to other government institutions and the public. Prerequisite: 6 semester hours of Political Science.

4363. Policy and Policy-Making in the United States. 3(3-0)
Public policy and its formation through the interaction of political groups and governmental institutions in selected areas of public policy; relevant comparisons to other national systems. Prerequisite: 6 semester hours of Political Science.

4364. Women and Politics. 3(3-0)
Description, analysis and assessment of women's place in a democracy through a focus on women's capacity to relate to and use political power. (Credit may not be obtained in both POLS 4364 and WMST 4364). Prerequisite: 6 semester hours of Political Science.

4370. Special Studies in Political Science. V:1-3
An intensive examination of special topics of study in political science. Course may be repeated for credit when the topic of study changes. Prerequisite: 6 semester hours of Political Science or consent of the instructor.

PSYCHOLOGY (PSYC)

3088. Experimental Psychology Lab.
Lab focusing on data analysis skills using statistical software. Must be taken concurrently with PSYC 3488.

3301. Social Psychology. 3(3-0)
Theory and phenomena of social psychology. The nature and type of social variables and the methods used to study them. The effect of social variables upon the behavior of individuals. (Credit may not be obtained in both PSYC 3301 and SOCI 3301.) Prerequisite: 6 semester hours of Psychology or 12 hours of social science.

3303. Psychology of Personal Adjustment. 3(3-0)
Adjustment problems of normal people. Principles of healthy psychological functioning in relation to family, peers, career, community and culture. Prerequisite: 6 semester hours of Psychology.

3304. Introduction to Learning Psychology. 3(3-0)
General principles of learning and memory and an introduction to learning theory. Emphasis on motivation, conditioning and problem-solving. Prerequisite: 6 semester hours of Psychology.

3312. Motivation and Emotion. 3(3-0)
Topics include examination of biological, physiological, learning, psychodynamic, cognitive, and purposive factors in the motivation of human behavior. Includes examination of nature and the roles of emotion in explaining motivational processes.

Prerequisite: 6 hours of psychology.

3314. Psychology of Adolescence. 3(3-0)

Treats the definition of adolescence, research and theory concerning the biological, moral, sex-role, personality and emotional development. Prerequisite: 6 semester hours of social science approved by the instructor.

3315. Health Psychology. 3(3-0)

Examines and defines the nature of illness and healing through the integration of biophysiological, psychoneuroimmunological, psychological and environmental factors. Examines stress and stress management techniques. Prerequisites: 9 hours of social science and PSYC 2301.

3320. Psychology of Criminal Behavior. 3(3-0)

Psychological processes related to behaviorism, social learning theory, aggression theory, bio-psychological factors, criminal homicide, sexual offenses, drugs and crime, correctional psychology, the criminal offender and the mentally disordered offender. (Credit may not be obtained in both PSYC 3320 and CRIM 3320.) Prerequisites: PSYC 2301 and SOCI 1301.

3322. Gender Issues. 3(3-0)

Consideration of physiological and social-learning origins of sex differences and psychological theories of sex-stereotyped and sexual behavior. Topics may include androgyny versus sex-typed behavior, gender dysfunction, origins of sex stereotypes, sexual preferences, and sex differences in reasoning styles, aggression, sexual behavior, personality, and psychopathology. Prerequisite: 6 hours of psychology.

3324. Cross-Cultural Psychology. 3(3-0)

An examination of the role of culture in the development and validation of psychological theories. Critical discussion of the application of Western theories to other cultural groups, including ethnic minority subgroups. Topics may include identity formation, cognitive and personality development, social and organizational behavior, intergroup relations, psychological assessment, and mental health. Prerequisite: 6 hours of psychology.

3369. Human Sexuality. 3(3-0)

Psychosocial factors in human sexuality with emphasis on sexual adjustment, sexual dysfunctions, sexual variations and new approaches in sex therapy. Appropriate field trips may be included. Prerequisite: 6 semester hours of psychology or sociology. (Credit may not be obtained in both PSYC 3369 and SOCI 3369.)

3381. Statistics for the Behavioral Sciences. 3(3-0)

Statistics for students in psychology, sociology and education. Emphasis upon descriptive and inferential techniques. Basic concepts in sampling data organization and statistic selection. (Credit may not be obtained in both PSYC 3381 and SOCI 3381.) Prerequisite: 6 semester hours of social science.

3488. Experimental Psychology 3(2-2)

Introduction to basic research methods including designing and evaluating behavioral research and ethics of research. Statistical methods will be discussed as they pertain to research design and interpretation. Prerequisites: 6 semester hours of Psychology and PSYC 3381 or equivalent. Must be taken with lab, PSYC 3088.

4310. Cognitive Psychology. 3(3-0)

Examination of current information-processing models of human cognition. Visual & auditory information processing, memory processes, information processing, language, thinking, and problem solving. Prerequisite: 6 hours of psychology.

4302. Industrial Organizational Psychology. 3(3-0)

Application of psychological principles to the world of work and to organizations. Topics include recruitment and selection of employees, evaluation of job performance, motivation, training, leadership, job satisfaction and work teams. Prerequisite: 12 semester hours of social science and senior standing.

- 4308. Psychological Testing.** 3(3-0)
An introduction into the rationale of psychological measurement. Test construction, validity, reliability, standardization and statistical treatment of test results. Various accepted tests will be examined as they present measurement of significant individual characteristics. Prerequisite: 9 semester hours of Psychology, including PSYC 3381 or its equivalent.
- 4312. Physiological Psychology.** 3(3-0)
Introduction to the physiological substrata of behavior; including basic neuroanatomy, research techniques, basic physiology, sensory processes and central nervous system functions. Prerequisite: PSYC 2301 and PSYC 2302.
- 4315. Selected Topics in Psychology.** 3(3-0)
Literature and research in areas of psychology not otherwise treated in depth in available courses. May be repeated once as topics change. Prerequisite: 12 semester hours of Psychology.
- 4322. Psychology of Personality.** 3(3-0)
A comparison of personality theories and the implications for personality development and change. Prerequisite: 6 semester hours of Psychology.
- 4323. History and Systems of Psychology.** 3(3-0)
Important historical antecedents and contemporary psychological systems. A **capstone** course that integrates diverse material encountered in the discipline. Prerequisite: 12 semester hours Psychology.
- 4325. Abnormal Psychology.** 3(3-0)
Personality development and adjustment, causes of abnormal behavior, neuroses, psychoses, suicide, personality disorders and crime. Prerequisite: 6 semester hours of Psychology.
- 4327. Lifespan Development.** 3(3-0)
A survey of development from birth through childhood, adolescence, adulthood, old age, and death. Physical, cognitive, socioemotional, and social issues over the lifespan will be examined. Prerequisite: 6 semester hours of psychology.
- 4328. Psychology of Perception.** 3(3-0)
Analysis of basic perceptual phenomena and theories of perception. Emphasis on sensation, attention, meaning and structural concepts. Prerequisite: 6 semester hours of Psychology.
- 4335. Introduction to Clinical Psychology.** 3(3-0)
This course surveys the science and practice of clinical psychology and its specialty areas, including discussions of the origins and development of the field, ethical and cultural issues, diagnostics and assessment as well as empirically-validated interventions and prevention strategies for use with clinical populations. Prerequisites: 6 hours of advances psychology including PSYC 4325.
- 4342. Substance Abuse.** 3(3-0)
A general survey of current research on psychological, social, legal and situational factors involved in substance usage and its effect on human behavior and criminal activity. Includes a treatment of therapeutic procedures and facilities. (Credit may not be obtained in both PSYC 4342 and CRIM 4342.) Prerequisite: 6 semester hours of Criminology or Psychology.
- 4351. Directed Research in Psychology.** V:1-3
Individual instruction course for advanced and qualified undergraduates to obtain supervised research experience in psychology. Student will assist with a research project by working under the individual guidance of a psychology faculty member. Requirements may entail library research, data collection, data entry, statistical analysis and or assistance in planning and conducting parts of a research project. A paper on the research experience is required. Consent of instructor required. May be repeated for a maximum of 3 semester credit hours. Prerequisites: PSYC 3381, PSYC 3387 or SOCI 4382 and 6 other semester hours of psychology. Credit/Non-credit.
- 4355, 4255, or 4155 Internship in Psychology** 3(3-0)
Applied experience at an off-campus site where psychological principles are applied. Jointly supervised by on-campus faculty and off-campus representatives at the internship site. Students must have departmental approval before registering.

Prerequisite: GPA of 2.5; Psychology faculty approval following application process. Course may be taken for 1, 2, or 3 credits. (PSYC 4355, 4255, or 4155)

SOCIOLOGY (SOCI)

- 3301. Social Psychology.** 3(3-0)
Theory and phenomena of social psychology. The nature and type of social variables and the methods used to study them. The effect of social variables upon the behavior of individuals. (Credit may not be obtained in both SOCI 3301 and PSYC 3301.) Prerequisite: 6 semester hours of Psychology or 12 hours of social science.
- 3302. Social Deviance.** 3(3-0)
Survey of the sociological and psychological aspects of deviant behavior. Nature of deviance, types of deviant behavior, causal theories and social policy implications. (Credit may not be obtained in both SOCI 3302 and CRIM 3302.) Prerequisites: SOCI 1301 and 3 semester hours of Sociology or Criminology.
- 3321. Introduction to Criminology.** 3(3-0)
Extent, types, causation, patterns and organization, apprehension, punishment treatment, agents and agencies related to crime and criminals, including experiences such as field trips and visits to jail may be included. (Credit may not be obtained in both SOCI 3321 and CRIM 3321.) Prerequisite: SOCI 1301.
- 3322. Juvenile Delinquency.** 3(3-0)
Incidence, types, causation, patterns, processes, treatment agencies and research as related to juvenile delinquency. Selected practical experiences such as trips to juvenile institutions. (Credit may not be obtained in both SOCI 3322 and CRIM 3322.) Prerequisite: SOCI 1301.
- 3332. An Introduction to Group Work.** 3(3-0)
A study of the dynamics of groups with emphasis on theories and findings concerning groups. Prerequisite: SOCI 1301 or 6 hours of social science.
- 3351. Urban Sociology.** 3(3-0)
The culture, history and growth patterns of cities; demographic, ecological patterns and trends. Problems of housing and community organization. Prerequisite: SOCI 1301.
- 3381. Statistics for the Behavioral Sciences.** 3(3-0)
Statistics for students in psychology, sociology and education. Emphasis upon descriptive and inferential techniques. Basic concepts in sampling data organization and statistic selection. (Credit may not be obtained in both SOCI 3381 and PSYC 3381.) Prerequisite: 6 semester hours of social science.
- 4305. Advanced Human Sexuality.** 3(3-0)
Psychosocial factors in human sexuality with emphasis on sexual adjustment, sexual dysfunctions, sexual variations and new approaches in sex therapy. Appropriate field trips may be included. Prerequisite: SOCI 2306 or PSYC 2306. (Credit may not be obtained in both SOCI 4305 and PSYC 4305.)
- 4307. The Family and Marriage.** 3(3-0)
History and development of the family as an educational and social institution, factors involved in family integrity, role of the individual in family relations, marital adjustments and family conservation in light of the present-day social and economic conditions. Prerequisite: SOCI 1301 or 6 semester hours of social science.
- 4308. Selected Topics in Sociology.** 3(3-0)
Literature and research in areas of sociology not otherwise treated in depth in available courses. May be repeated once for credit when topics differ. Prerequisite: 12 semester hours of Sociology.
- 4310. Population Problems.** 3(3-0)
Introduction to demographic concepts, such as fertility, mortality and migration of human populations in a larger social and cultural context, and to population problems in modern society. Prerequisites: SOCI 1301 or 6 semester hours of social science.

- 4312. Social Stratification.** 3(3-0)
Examination of patterns and distribution of stratification and social inequalities in modern society. Prerequisites: SOCI 1301 or 6 semester hours of social science.
- 4320. Law and Society.** 3(3-0)
An in-depth examination of law and society through the philosophy and evolution of legal systems and legal institutions. The major functions of law as agents of social control, dispute resolution and societal engineering are addressed. (Credit may not be obtained in both SOCI 4320 and CRIM 4320.) Prerequisites: SOCI 1301 and 3 semester hours of Sociology or Criminology.
- 4324. Technology and Society.** 3(3-0)
A study of technology and society from the perspective of social values, ethics, sociology, social environment, politics and economics. Prerequisite: 12 semester hours of social science.
- 4325. Sociology of Corrections.** 3(3-0)
Overview of social, psychological, cultural, sociological and political factors related to the correctional enterprise. Includes treatment of the context of corrections, correctional practices, correctional issues, correctional institutions and correctional perspectives. May include field trips to correctional institutions. (Credit may not be obtained in both SOCI 4325 and CRIM 4325.) Prerequisite: SOCI 3321 or CRIM 3321.
- 4341. Sociology of Aging.** 3(3-0)
Study of the last stage in the life-cycle of man. The course emphasizes the interdisciplinary approach necessary in the field of gerontology, the biological, psychological and social aspects of the aging process, along with the social impact of growing proportions of aged persons within the social structure of society. Prerequisite: SOCI 1301.
- 4342. Sociology of Death.** 3(3-0)
Sociological perspectives of the dying process and death itself, including the cultural and institutional means of aiding survivors through the grief, mourning and bereavement process. Prerequisite: 12 semester hours of Sociology.
- 4362. Race Relations.** 3(3-0)
Critical analysis of the concept of race; analysis of subordinate peoples in various world societies and in the United States; emphasis on dynamics of problems of subordinate groups. Prerequisite: 6 semester hours of Sociology.
- 4364. Minority Women in U.S. Society.** 3(3-0)
An integrated study of the impact that socioeconomic and ethnic/racial factors have on minority women within the United States. (Credit may not be obtained in both SOCI 4364 and WMST 4300.) Prerequisite: SOCI 1301 or 6 semester hours of social science.
- 4382. Methods of Social Research.** 3(3-0)
Introduction to the study of the scientific method as applied to social research including the logic of science, covering the nature of data, hypotheses, concepts and objectivity. Prerequisites: ANTH 2302 or SOCI 1301 and 3 semester hours of advanced Anthropology or Sociology. (Credit may be obtained in only one of SOCI 4382, ANTH 4382 or CRIM 4382.)
- 4383. Social Theory.** 3(3-0)
Development of social theory as represented by Comte, Spencer, Durkheim and Weber, to contemporary schools of thought, including functionalism, conflict, symbolic interactionism, structuralism and world systems theory. Prerequisite: ANTH 2302 or SOCI 1301 and 6 semester hours of advanced Anthropology or Sociology. (Credit may not be obtained in both SOCI 4383 and ANTH 4301.)
- 4386. Directed Research in Sociology.** V:1-3
Individual instruction course for advanced and qualified undergraduates to obtain supervised research experience in sociology. Student will assist with a research project by working under the individual guidance of a sociology faculty member. Requirements may entail library research, data collection, data entry, statistical analysis and/or assistance in planning and conducting parts of a research project. A paper on the research experience is required. Consent of instructor required. May be repeated for a maximum of 3 semester credit hours. Prerequisites: SOCI 3381, SOCI 4382 or PSYC 3387 and 6 other semester hours of Sociology. Credit/Non-credit.

SPANISH (SPAN)

3300. Mexican American Literature. 3(3-0)
Selected Mexican American literature and its accompanying thought covering various periods and the following genres: poetry, the short story, the novel, the theater and the essay. Conducted in Spanish and English.

3301. Advanced Spanish Grammar. 3(3-0)
A review of the basic principles of Spanish grammar to be followed by a detailed study of the finer points of grammar and syntax. Prerequisite: SPAN 2302 or SPAN 2312.

3302. Spanish Composition. 3(3-0)
Literary and technical writing and composition; instruction and practice in basic writing; analysis of different literary prose pieces as models for writing. Conducted in Spanish. Prerequisite: SPAN 2312 or SPAN 2302.

3311. Professional Spanish. 3(3-0)
Enables students to interact and work effectively with the international and domestic Spanish-speaking medical, legal and business worlds. Emphasizes interaction between both English-speaking and Spanish-speaking professional communities and within the Spanish-speaking professional community. Prerequisite: SPAN 2302 or SPAN 2312.

3321. Survey of Spanish Peninsular Literature. 3(3-0)
The history of Spanish literature from its beginning to the present. Conducted in Spanish. Prerequisite: SPAN 2302 or SPAN 2312.

3361. Survey of Spanish-American Literature. 3(3-0)
The history of Spanish-American literature from its beginning to the present. Conducted in Spanish. Prerequisite: SPAN 2302 or SPAN 2312.

4311. Spanish Linguistics. 3(3-0)
A detailed linguistic study of Spanish and a contrastive comparison with English. Prerequisite: SPAN 2302 or SPAN 2312.

4319. Hispanic Culture. 3(3-0)
Survey of Hispanic culture. Main aspects of culture as found in Spain, Spanish America and the Hispanic communities in the U.S.A. Conducted in Spanish. Prerequisite: SPAN 2302 or SPAN 2312.

4320. Topics in Spanish Literature. 3(3-0)
Topics in Spanish American and Spanish Peninsular literature. Conducted in Spanish. May be repeated as topics change. Prerequisites: SPAN 2302 or SPAN 2312.

STATISTICS (STAT)

4301. Biostatistics. 3(3-0)
For students in biology, health sciences, human sciences and wildlife science. Descriptive and inferential statistics, basic probability concepts, probability distributions, estimation, hypothesis testing, correlation, simple linear regression, principles of epidemiology, statistical vs. clinical significance and quasi-statistical methods. Prerequisite: MATH 1314. Laboratory fee: \$5.

4303. Statistical Methods. 3(3-0)
Calculus-based probability, discrete and continuous random variables, joint distributions, sampling distributions, the central limit theorem, descriptive statistics, interval estimates, hypothesis tests, ANOVA, correlation and simple regression. Prerequisite: MATH 2414.

4350. Probability. 3(3-0)
Sample spaces, combinatorics, independence, conditional probability and Bayes' rule. Discrete and continuous probability distributions, Chebychev's inequality and limit theorems. Prerequisite: MATH 3415.

Bachelor of Arts in English with Teacher Certification

GENERAL EDUCATION COURSES	44 Cr Hr	
	Grd	Cr Hr
<i>COMMUNICATION-ENGLISH</i>		
ENGL 1301 Rhetoric and Composition		3
ENGL 1302 Continuation of Rhetoric & Comp		3
<i>MATHEMATICS</i>		
MATH 1314/1334		3
<i>NATURAL SCIENCE</i>		
Natural Science w/ lab		4
Natural Science w/ lab		4
<i>HUMANITIES/VISUAL & PERF ARTS</i>		
Visual/Performing Arts		3
Lit/Phil/Lang/Cult Studies		3
<i>SOCIAL & BEHAVIORAL SCIENCES</i>		
HIST 1301 American History		3
HIST 1302 American History		3
POLS 2301 Govt & Politics of the U.S.		3
POLS 2302 Govt & Politics of Texas		3
Social/Behavioral Science		3
<i>COMMUNICATION-ORAL</i>		
COMS 1311, 1315, or 2335		3
<i>GLOBAL LEARNING</i>		
Global Learning		3
Additional Requirements		
	Cr	Hr
Preferably one language, maximum of 2 languages	Grd	Cr Hr
Foreign Language		
Foreign Language		
Foreign Language		
Foreign Language		

MAJOR (REQUIRED) COURSES	30 Cr Hr	
2.0 overall GPA for major		
	Grd	Cr Hr
ENGL 2342/2362		3
ENGL 3300, 3350 or 3373		3
ENGL 4361, 4365, 4366 (choose 2)		3
		3
ENGL 4322, 4325, 4327		3
ENGL 4341, 4342, 4344, or 4346		3
ENGL 4310 or 4312		3
ENGL 4390		3
ENGL 4331		3
ENGL 4370, 4375, 4384, 4385, or 4395		3
CERTIFICATION		26Cr Hr
2.5 overall GPA		
	Grd	Cr Hr
EDED 3303 Development & Behavior		3
EDSE 3345 Survey of Exceptional Children		3
EDED 4311 Curriculum & Learning		3
EDED 3333 Classroom Management		3
EDED 4309 Trends in Education		3
EDED 3357 English/LA Methods		3
EDFE 3100 Field Experience		1
EDFE 3100 Field Experience		1
EDFE 4623 Secondary School Student Teaching		6
ELECTIVES		Cr Hr
--As needed to complete 120 credit hours required		
	Grd	Cr Hr

Name _____

UIN# _____

Semester of Entry _____ Catalog _____

Requires Admission

Completion of 45 hours, ENGL 1301, ENGL 1302, MATH 1314, HIST 1301 and HIST 1302 all with a C or better. Cumulative GPA of 2.5, qualifying scores in Reading, Writing and Mathematics, and have an official degree plan on file.

120 CREDIT HOURS REQUIRED FOR DEGREE

45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)

Signed: _____
 Advisor, Department of Arts & Science Date

Signed: _____
 Certification Officer Date

**Bachelor of Arts in History with Teacher Certification
Social Studies Component**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314/1334		3	
<i>NATURAL SCIENCE</i>			
GEOG 1301/1101		3/1	
GEOG 1302/1102		3/1	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Lit/Phil/Lang/Cult Studies		3	
<i>SOCIAL & BEHAVIORAL SCIENCES</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
ECON 2301 Principles of Econ I		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311, 1315, or 2335		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
Departmental Requirements		Cr Hr	
Preferably one language, maximum of 2 languages	Grd	Cr Hr	
Foreign Language			
Foreign Language			
Foreign Language			
Foreign Language			
HIST 2321 World Civ I		3	
HIST 2322 World Civ II		3	

MAJOR (REQUIRED) COURSES		24 Cr Hr	
2.0 overall GPA for major			
	Grd	Cr Hr	
HIST 4346 Texas History		3	
HIST 4334 Civil War		3	
HIST 4330/4331		3	
HIST 4335/4336/4338 U.S.		3	
HIST Latin American Adv. Elective		3	
HIST European Adv. Elective		3	
HIST 4370, 4380, 4390, 4392 Crucial Topics		3	
HIST 4301 Methods of Historical Research		3	
SOCIAL STUDIES COMPOSITE		15 Cr Hr	
	Grd	Cr Hr	
ECON 2302 Principles of Econ II		3	
GEOG 1303 World Geography		3	
GEOG 3331 United States and Canada		3	
POLS AD. ELECTIVE		3	
POLS AD. ELECTIVE		3	
CERTIFICATION		26 Cr Hr	
2.5 overall GPA			
	Grd	Cr Hr	
EDED 3303 Development & Behavior		3	
EDSE 3345 Survey of Exceptional Children		3	
EDED 4311 Curriculum & Learning		3	
EDED 3333 Classroom Management		3	
EDED 4309 Trends in Education		3	
EDED 3359 Social Studies Methods		3	
EDFE 3100 Field Experience		1	
EDFE 3100 Field Experience		1	
EDFE 4623 Secondary School Student Teaching		6	

Name _____

UIN# _____

Semester of Entry _____ Catalog _____

Requires Admission

Completion of 45 hours, ENGL 1301, ENGL 1302, MATH 1314, HIST 1301 and HIST 1302 all with a C or better. Cumulative GPA of 2.5, qualifying scores in Reading, Writing and Mathematics, and have an official degree plan on file.

127 CREDIT HOURS REQUIRED FOR DEGREE

45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)

Signed: _____
Advisor, Department of Arts & Science Date

Signed: _____
Certification Officer Date

Dr. Tracy Hurley, *Head of the School of Business*
Dr. Syed Harun, *Department Chair*
Cynthia Kinney-Lee, *Office Manager*
Satellite Campus, Room 101, Extension 6235

Mission Statement

The mission of the School of Business at Texas A&M University-San Antonio is to prepare a diverse student population for professional-level, global business careers in a student-centered learning environment through the dynamic use of technology, development and application of practitioner-oriented research and a shared commitment to community involvement with local businesses and organizations.

Academic Advising

Each undergraduate business student is **strongly recommended** to meet with their academic advisor upon entering the university. Students should meet with their adviser on a regular basis to plan their program and to discuss any questions or concerns.

Courses of Instruction

There are four components of the Bachelor of Business Administration (B.B.A.) degree: (1) the university's general education component or core curriculum; (2) the lower-division business field of study courses; (3) the common professional component consisting of 3000 and 4000-level business courses required of all business majors; and (4) the courses specific to a major. The typical B.B.A. degree program consists of 120 hours.

Business Prerequisites

ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1325 are prerequisites for all 3000 and 4000 level business administration courses. MGMT 4325 is required and must be taken at Texas A&M University-San Antonio during the final semester.

Accounting Majors

All Accounting majors must receive a grade of "C" or better in ACCT 3311 and ACCT 3312. If a student is found deficient in ACCT 3311 or ACCT 3312, the student must retake the course until the required minimum grade is achieved. Accounting majors may not proceed to upper-level accounting classes before these minimum course competencies are achieved.

Requirements for the B.B.A. Degree

Communication Skills

The college requires that all of its majors demonstrate proficient communication skills. Passing BCOM 3304 – Business Communication – with a grade of "C" would demonstrate a minimal level of proficiency. If a student is found deficient in communication in BCOM 3304, the student must retake the course until the required minimal grade is achieved.

Grade Point Average for Graduation

A minimum grade point average of 2.0 is required on: (1) all course work attempted including course work attempted at other universities, (2) all course work attempted at Texas A&M University-San Antonio, (3) all courses in business administration and (4) all courses in the professional field for each major.

Upper and Lower Divisions within the School of Business

Students in upper-level courses within the School of Business are expected to have a basic level of knowledge in specific disciplines in order to be able to successfully synthesize the information they are acquiring. That basic level of knowledge includes the ability to read and write effectively, to think quantitatively and to have a basic understanding of accounting and our economic system. To ensure the competence of students to complete the upper division component successfully, students must take their lower-division courses in the required order and achieve the required minimum grades in those courses. **In order to register for the upper division business courses students must earn a grade of at least "C" in the following courses:**

ACCT 2301

ECON 2301

ACCT 2302
CISA 1301

ECON 2302

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

ENGL 1301
ENGL 1302

MATH 1314/1324
MATH 1325

Students who are completing their last semester of lower-division requirements may take up to 18 hours of upper-level business courses pending acceptance into the Upper Division. Those courses must be chosen from the following:

BLAW 3341
BCOM 3304
CISA 3358

MKTG 3361
MGMT 3311
MGMT 3325

Special situations that may arise with respect to completion of the lower-division course work and sequencing of courses, such as students transferring from other majors within the university and students transferring from other institutions, may be handled on a case-by-case basis by the academic advisor, department chair, and school of business head.

ACCOUNTING (ACCT)

3301 Accounting for Non-Accounting Majors 3(3-0)

This course is designed for the users of the financial information. The course focuses on how management uses financial information delivered via income statements, balance sheets, and cash flow statements to make successful decisions. A survey is also made of basic cost analysis concepts for internal reporting, planning, control, and decision making. **This course is specifically designed for non accounting majors.** **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3310 Introduction to Accounting 3(3-0)

This is an accounting foundation course leading to proficiency in preparation of income, balance sheet, and cash flow statements. Students will master familiarization with accounting principles, statement notes, and reports. A substantial Excel component is completed to prepare student for later courses and the professional world. **This course is specifically designed for accounting majors.** **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3311. Intermediate Accounting I. 3(3-0)

Overview of basic accounting theory and the accounting process; structure of financial statements; accounting principles for cash, short-term investments, receivables, inventories, current liabilities, plant assets and natural resources. **Prerequisite:** ACCT 3310. **Successful completion of** ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3312. Intermediate Accounting II. 3(3-0)

Accounting principles for long-term liabilities, stockholders' equity, income taxes, pensions, leases and statement of cash flows. **Prerequisite:** ACCT 3311. ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3314. Cost/Managerial Accounting. 3(3-0)

Financial cost accounting – job order and process cost procedures. Managerial cost accounting: planning, controlling and specific project decisions. **Prerequisite:** Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3328. Internship in Accounting. V:1-3

An off-campus learning experience allowing the application of accounting skills in an actual work setting. Will count towards the hours required for the CPA exam only if the internship requirements set by the State Board of Public Accountancy are met. **Prerequisites:** Grade of C or better in ACCT 3311 and ACCT 3312 and approval of a faculty coordinator, department chair, and School of Business Head Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4307. Accounting for Governmental and Nonprofit Entities. 3(3-0)

Principles and practice of fund accounting applicable to governmental and nonprofit organizations. **Prerequisite:** Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4308. Income Tax Accounting. 3(3-0)

Analysis of Federal income tax laws, emphasis being placed on the determination of net taxable income and preparation of income tax returns for individuals. **Prerequisite:** Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4311. Auditing I. 3(3-0)

Auditing standards, professional ethics, legal liability, evidence, internal control and audit reports. **Prerequisites:** ACCT 3312 and ACCT 3314. Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4312. Auditing II. 3(3-0)
Audit program planning and special reports; auditing topics. **Prerequisite:** ACCT 4311 and Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4314. Business Combinations. 3(3-0)
Accounting principles for business combinations, mergers and consolidations, investments in subsidiaries, consolidated statement preparation; intercompany transactions, indirect and mutual holdings. **Prerequisite:** ACCT 3312. Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4315. Advanced Accounting Problems. 3(3-0)
Accounting principles for partnerships, estates and trusts, debt restructuring, reorganizations and liquidations, interim financial reporting and segmentation, foreign currency transactions and translation, leveraged buyouts. **Prerequisite:** ACCT 3312. Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4316. Accounting Theory. 3(3-0)
Advanced accounting concepts and standards with emphasis on the development of generally accepted accounting principles. **Prerequisite:** ACCT 4314. Grade of C or better in ACCT 3311 and ACCT 3312, Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4317. Accounting Systems. 3(3-0)
Principles and procedures of the design and installation of an accounting system with emphasis on producing the information necessary for decision making. **Prerequisites:** ACCT 4311 and CISA 3356. Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4318. Advanced Income Tax Accounting. 3(3-0)
Particular attention given to tax regulations applicable to partnerships and corporations together with preparation of Federal income tax returns for such businesses. Consideration also given to federal gift and estate tax. **Prerequisite:** ACCT 4308. Grade of C or better in ACCT 331. Successful completion of ACCT 3312 ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4319. Advanced Cost/Managerial Accounting. 3(3-0)
Planning and control of cost elements, analysis of costs and profits and current topics in cost/managerial accounting. **Prerequisite:** ACCT 3314. Grade of C or better in ACCT 3311. Successful completion of ACCT 3312 ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4391. Special Study in Accounting. 3(3-0)
Study or research under supervision of instructor or small business audits. May be repeated once for credit. **Prerequisite:** consent of instructor. Grade of C or better in ACCT 3311 and ACCT 3312. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

BUSINESS ADMINISTRATION (BUAD)

3301 Quantitative Methods for Business 3(3-0)
This course is a comprehensive introduction to the concepts and applications of mathematics to commercial business problems. The course focuses on the quantitative and analytical methods in the context of practical business applications to enhance essential problem solving skills of business students. This course will expose students to the major business applications to be encountered in business courses through approaches that reinforce formulation, reasoning and interpretive problem solving skills essential to practical understanding of business concepts. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

3311 Business & Society 3(3-0)
This course is designed to help explore common ethical dilemmas in business and to develop appropriate decision frameworks to deal with these issues. Topics include global action in ill-defined and contrasting ethical environments, corporate social responsibility, business and external stakeholder issues (e.g., responsiveness to customers, natural environment and sustainability, influence on public policy), and business and internal stakeholder issues (e.g., employee safety, diversity, affirmative action).
Prerequisite: Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3328. Internship in General Business. V:1-3
An off-campus learning experience allowing the acquisition and application of General Business skills in an actual work setting.
Prerequisites: approval of a faculty coordinator, the department chair, and the school of business head. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

3355. Business Statistics. 3(3-0)
Statistical methods as applied to business and economic problem analysis: descriptive statistics, sampling, probability, statistical inference, regression analysis, correlation analysis, time series and index numbers. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.. A small electronic calculator (minimum four functions) is strongly recommended.

BUSINESS COMMUNICATION (BCOM)

3304. Business Communication. 3(3-0)
Principles of business communication through letters and reports. Clear, accurate and forceful writing; practical psychology; and business reports with implication for international business. **Prerequisite:** ENGL 1301 and ENGL 1302.

BUSINESS LAW (BLAW)

3341. Business Law. 3(3-0)
Historical background and role of law in business and society; general principles of the law of contracts, personal property, secured transactions, sales and commercial paper; the Uniform Commercial Code as adopted in Texas and other applicable Texas statutes.

4342. Business Law for Accountants. 3(3-0)
Sales and commercial paper; the Uniform Commercial Code in Texas; the law of agency; business organization formulation and dissolution; accountants' legal responsibility; federal securities regulation; insurance; suretyship; property; wills, estates and trusts.
Prerequisite: BLAW 3341 Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4344. International Business Law. 3(3-0)
Major business law topics and issues involved in international business transactions. Exporting-importing, licensing and direct foreign investment. Risks of international business trade including language, culture, currency, legal and political barriers.
Prerequisite: BLAW 3341. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

COMPUTER INFORMATION SYSTEMS (CISA)

3328. Internship in Computer Information Systems. V:1-3
An off-campus learning experience allowing the acquisition and application of information technology skills in an actual work setting. **Prerequisites:** Approval of a faculty coordinator, the department chair, and school of business head
Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

- 3351. Database Design and SQL.** 3(3-0)
Basic database design and introduction to structured query language (SQL). Includes instruction on creating user interface forms for a database. **Prerequisites:** CISA 1310 and one other programming course. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325
- 3354. COBOL Programming I.** 3(3-0)
Fundamentals and techniques of programming in the COBOL language including program design and structure, flow charting and documentation. **Prerequisite:** CISA 2302 or equivalent. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 3355. COBOL Programming II.** 3(3-0)
Refinement and expansion of programming competencies in the COBOL language including structured programming, sorting, merging, file systems and access methods. **Prerequisite:** CISA 3354. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 3356. Systems Analysis and Design.** 3(3-0)
Analysis and design techniques required for implementing medium to large-scale computer information systems. Development of requirements for personnel, software and equipment for typical applications. **Prerequisites:** 6 semester hours of Computer Information Systems or Computer Science, Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 3358. Management Information Systems.** 3(3-0)
A comprehensive study of the use of information technology as an organizational resource, including the implementation of disciplined processes and management development to effectively exploit the power of modern information technology. **This course is specifically designed for non computer information systems majors.**
- 3364. Programming in Visual BASIC.** 3(3-0)
Fundamentals and techniques of programming for business applications using Visual BASIC. **Prerequisite:** CISA 1310. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325
- 3367. Advanced Microcomputer Applications and Systems.** 3(3-0)
Study of advanced microcomputer hardware and software technologies having application in business administration. **Prerequisite:** CISA 2302 or equivalent . Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325. .
- 4301. Microcomputer Assembly Language Programming.** 3(3-0)
Theory, concepts and terminology required for competency in microcomputer assembly language programming including machine instructions; basic data types; addressing modes; arithmetic, logical and character string operations; interrupts and I/O interfaces. **Prerequisites:** CISA 2302 or equivalent and one upper-division programming course. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4302. Business Applications Using C++.** 3(3-0)
Concepts and applications of the C++ programming language for business and industry. **Prerequisites:** CISA 1310 along with one upper-division programming course. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4303. Client/Server Application Development.** 3(3-0)
Client/Server application development practices and tools. Emphasis on developing distributed database applications that support the information processing needs of business. Topics include: object-oriented program design, programming with object-oriented development platforms and the use of embedded Structured Query Language for database transaction processing. **Prerequisites:** CISA 3351 and CISA 3354.. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

- 4304. Database Administration.** 3(3-0)
Database administration, including creating databases, setting user logins and permissions and backup and recovery. Intermediate-level use of structured query language (SQL). **Prerequisite:** CISA 3351. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325..
- 4306. Telecommunications I.** 3(3-0)
Applications requiring telecommunications, internal and external influences on telecommunications systems and service providers, data transmission, standards and architectures, management of network design and operation, local area networks and future issues. **Prerequisites:** CISA 2302 or equivalent and one upper-division programming course. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325
- 4308. Telecommunications II.** 3(2-2)
Installation, administration, interoperability and security issues associated with the implementation of typical business telecommunication systems. **Prerequisite:** CISA 4306. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4311. Project Management.** 3(3-0)
This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good project. There will be an emphasis of information technology (IT) in the course lectures; however, projects do not have to include an IT component. Cross-listed with MGMT 4311. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4312. Risk Management.** 3(3-0)
This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Cross-listed with MGMT 4312. **Prerequisites:** CISA/MGMT 4311. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4321. Introduction to Information Security.** 3(3-0)
This course examines the concepts, principles, and applications of computer security in the business environment including Privacy, Information Security, and Critical Infrastructure. This course explores the knowledge and skills needed to ensure security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-based systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4322. Information Policy Assurance.** 3(3-0)
This course explores information security policies. The course includes both sociological and psychological issues in policy implementation in general, a dialogue on information security specific policies, the structure of a policy, and the lifecycle of policy from creation to enactment. The course also exposes the student to issue specific policies in different domains of security to assist the students learn in context of real life situations. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4323. Computer Forensics.** 3(3-0)
This course is an overview of the methods and tools utilized for collecting and preserving electronic digital evidence for the computer forensic process. Topics include the forensic examination, analysis, and report writing; and preparing for courtroom testimony about the forensic results. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.
- 4324. Risk Analysis.** 3(3-0)
This course examines concepts of risk analysis, risks in engineered systems, environmental risks, security risks; methods of risk analysis, fault trees and event trees; quantification of probabilities, use of data, models, and expert judgments; risks and decisions, interlinking risk analysis with risk management; applications to homeland security decisions. **Prerequisite:**

Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4325. Network Security 3(3-0)

The course explores mechanisms for protecting networks against attacks with an emphasis placed on network security applications for the Internet and corporate networks. The course also investigates various networking security standards and explores methods for enforcing and enhancing those standards. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4331. Enterprise Resource Planning Systems 3(3-0)

This course examines the concepts, principles, and applications of Enterprise Resource Planning (ERP) systems. This course helps students understand the key processes of business organizations. It also improves the student's understanding of how key business processes are managed and integrated in enterprise level software used by large organizations. Cross-listed with ACCT 4317. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4332. Data Mining/Business Intelligence 3(3-0)

This course provides an integrative foundation in the field of business intelligence at the operational, tactical, and strategic levels. Topics such as value chain, customer service management, business process analysis and design, transaction processing systems, management information systems, and executive information systems will be covered, along with other topics relevant to the field of business intelligence. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4333. Supply Chain Integration 3(3-0)

Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. This course emphasizes the use of information technology in the supply chain management process. Cross-listed with MGMT 4333. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4334. Business Process Integration 3(3-0)

This course provides a foundation for information system professionals who are often called upon to configure and integrate business processes. Information system professionals are often called upon to install and configure computer information systems including packages such as SAP. They must also demonstrate an understanding of how data is shared throughout the organization. This course helps students understand the key processes of business organizations. It also improves the student's understanding of how key business processes are managed and integrated in enterprise level software used by large organizations. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4358. Information Resources Management. 3(3-0)

Planning, organizing and control activities required for effective information systems management. **Prerequisite:** CISA 3356 Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4359. Advanced Problems in Computer Information Systems. 3(3-0)

Research in selected fields of computer information systems. Prerequisite: consent of instructor. May be repeated once for additional credit. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

ECONOMICS (ECON)

3331. Money and Banking. 3(3-0)

Principles, problems and structure of the United States monetary system. Operations of commercial banks, the regulation and control of the supply of money and credit and the organization of the Federal Reserve System. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3334. International Economics. 3(3-0)
International trade theory and policy and international monetary economics; balance of payments and exchange rate theory. Apply trade theories and models to explain why countries trade, gains from trade and trade patterns. Trade unions, tariffs, quotas and other non-tariff barriers to trade. Reasons and consequences of trade deficits. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4393. Special Problems in Economics. 3(3-0)
Special studies in Economics. May be repeated once for credit. **Prerequisite:** consent of the instructor. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

FINANCE (FINC)

3328. Internship in Finance. V:1-3
An off-campus learning experience allowing the acquisition and application of finance skills in an actual work setting. **Prerequisites:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325. Approval of a faculty coordinator, the department chair, and School of Business Head.

3333. Commercial Bank Management. 3(3-0)
Problems confronting commercial banks: development and application of credit standards, decisions on loan applications, liquidity management and profit sensitivity to varying interest rates. **Prerequisite:** ECON 3331. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

3337. Business Finance. 3(3-0)
Determining and analyzing the forms of business enterprise. Analysis of the techniques, methods and procedures used in the acquisition and proper employment of funds in the business entity. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3338. Financial Statement Analysis. 3(3-0)
Analysis and interpretation of financial statements for the guidance of management, stockholders and other stakeholders. Establishment of firms' business profiles; quality of earnings issues; and stock valuation. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3345. Real Estate Finance. 3(3-0)
Real estate valuation and methods of financing real estate transactions, property management and taxation. Instruments and sources of real estate credit. Real estate appraisal theory and practice. Real estate investment trusts (REIT). **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3351. Insurance and Risk Management. 3(3-0)
Principles and practices of risk management and insurance. Property and casualty insurance, fire insurance, consequential loss, transportation insurance, automobile insurance, crime insurance and disaster insurance. Individual life insurance, annuities and health insurance products with emphasis on policy coverage. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4331. Investments. 3(3-0)
Principles governing the proper investment of personal and institutional funds; the characteristics of a sound investment and the analysis of the different securities offered to investor. **Prerequisites:** FINC 3337, Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4332. Portfolio Management. 3(3-0)
Analysis and evaluation of the decision-making process in investments. Asset valuation, portfolio and risk management and performance evaluation. Theoretical and analytical developments in security selection and portfolio management. **Prerequisites:** FINC 4331. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4336. Financial Management. 3(3-0)
Finance function and its integration into the administration of the firm. Selected case studies and problems illustrate techniques used in financial decision making and optimum capital utilization. **Prerequisite:** FINC 3337. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4341. Financial Markets and Institutions. 3(3-0)
Financial markets and institutions in the U.S. economy. Determinants of savings and investments, interest rates and flow of funds. Role of regulatory agencies governing financial markets and institutions. Money and capital market instruments and institutions. **Prerequisites:** ECON 3331. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4342. International Finance. 3(3-0)
Foreign exchange markets, balance of international payments, short-term borrowing and investment decisions. Changes in exchange rates: pricing, profitability and output decision, international aspects of capital decisions. **Prerequisites:** FINC 3337. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4360. Options and Futures. 3(3-0)
Structure of the options and futures markets and the trading system of derivatives. Options and futures pricing theory. Analysis of hedging strategies using options and futures. Role of options and futures trading strategies as part of portfolio management, performance evaluation and investment planning. **Prerequisites:** FINC 4331. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4362. Planning and Capital Budgeting. 3(3-0)
Corporate analysis of valuations and investments, capital budgeting and financing, credit and debt management, risk management and taxation. Short-term planning including cash and working capital management. Long-term planning including debt and equity management.: **Prerequisites:** FINC 3337. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325.

4364. Business Forecasting. 3(3-0)
Techniques for statistically sound business forecasting. Graphical analysis and concepts such as seasonality, trends and cycles. Advanced forecasting using ARMA modeling as well as regression. **Prerequisites:** BUAD 3355. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4366. Entrepreneurial Finance. 3(3-0)
Financial issues affecting entrepreneurial investments associated with small or rapidly growing ventures. How investors and entrepreneurs create value. Strategic and business planning, financial forecasting, valuation, organizational design and financial contracting, and harvesting strategies.: **Prerequisite:** FINC 3337. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4393. Special Problems in Finance. 3(3-0)
Special studies in finance. May be repeated once for credit. **Prerequisite:** consent of the instructor. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

MANAGEMENT (MGMT)

3311. Principles of Management. 3(3-0)
Introduction to the management of business organizations. The functions of management and role of the manager. Managerial decision-making, communication, social responsibility and business ethics. How organizational power and politics affect the manager.

3314 Principles of Business Logistics 3(3-0)
A total systems approach to managing the logistical activities of the firm. Analysis of total cost balanced against customer service. Warehousing, transportation, inventory control, packaging, handling and order processing activities are surveyed. Cross-listed with

MKTG 3314 **Prerequisite:** MKTG 3361..Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3320 Supply Chain & Operations Management 3(3-0)

A survey of lean, quality, supply chain, and other operations management guiding concepts and quantitative tools utilized to plan, design, control physical resources/business information to produce/provide goods /services from raw material supplier to end customer. **Prerequisite:** BUAD 3355. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3325. Human Resources Management and Procedures. 3(3-0)

Human resources planning, employment, appraisal, training and pecuniary compensation; applicable federal and state legislation.

3328. Internship in Management. V:1-3

An off-campus learning experience allowing the acquisition and application of Management skills in an actual work setting. **Prerequisites:** Approval of a faculty coordinator, the department chair, the school of business head. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4311. Project Management 3(3-0)

This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good project. There will be an emphasis of information technology (IT) in the course lectures; however, projects do not have to include an IT component. Cross-listed with CISA 4311. **Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4312. Risk Management 3(3-0)

This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Cross-listed with CISA 4312. **Prerequisite:** CISA/MGMT 4311 Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4323 Total Quality & Lean Management 3(3-0)

The design, evaluation, employment, and integration of total quality and lean management principles and practices within a supply chain environment. Includes customer focus, statistical process control, design for quality, waste reduction, continuous improvement, standardized work, workplace organization, set-up time reduction, lot size reduction, preventive maintenance, management and workforce practices, and pull production systems are emphasized. **Prerequisite:** MGMT 3320. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4326. Labor Relations & Collective Bargaining 3(3-0)

This course offers students a survey of the historical, legal and social framework for and the process of negotiating a labor contract and handling typical grievance issues. Students will examine key elements to the organizing process, contract negotiations, and contract administration. Cognitive elements emphasized include knowledge, comprehension, application, and analysis. Students will have the opportunity to develop skills important to the performance of managing labor relations activities. **Prerequisite:** senior standing.. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4325. Management Decision-Making and Business Policy. 3(3-0)

To provide a capstone course for the graduating senior majoring in business that will allow him or her to practically apply the concepts and theories learned in the undergraduate program. The student will do this through integrating those principles with the ones that serve as the theoretical framework for the field of strategic management. The end result of this process will be a student who is able to analyze complex business problems and to effectively make decisions that affect the entire organization. **Prerequisite:** Completed in the final semester of B.B.A. program.

4327. Organization Theory and Human Behavior. 3(3-0)
Various organizational structure models and supporting theory, organizations as complex systems, organizational behavior, individual and group dynamics in the business environment, organization development and change. **Prerequisite:** senior standing. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4330 Purchasing & Supply Management 3(3-0)
Study of the procurement of goods and services resulting from internal needs assessment, and the application of principles of negotiation, purchasing processes, vendor relationship concepts, contract management, receiving, inventory and materials management, and production control, in a supply chain environment with domestic and international suppliers. **Prerequisite:** MGMT 3320. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4331. International Management. 3(3-0)
Management of the internationally competitive firm; topics considered include leadership, organizational structure, cultural differences and similarities and competitive analysis. **Prerequisite:** senior standing in Business Administration. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4333. Supply Chain Integration 3(3-0)
Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. Content areas included management of demand determination and purchasing, resources and materials, quality, lean, logistics and distribution, and systems integration processes. This course incorporates information technology exercises to integrate supply chain management processes. **Cross-listed with CISA 4333. Prerequisite:** Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4341. Compensation & Benefits 3(3-0)
This course identifies the key elements for developing a firm's strategic compensation program necessary to attract and retain a valued workforce. Students will study the bases for pay and benefit plans, and the design of compensation systems and benefit programs key to serving the internal workforce and compete in the external marketplace. **Prerequisite:** MGMT 3325. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4342. Training & Development 3(3-0)
This course integrates training theory and application for the high performing organization. Students examine training systems, strategies and practices critical in driving high performing organizations. The training process is mapped and discussed within the overarching framework of designing and planning training activities to meet organizational needs that are both strategic and tactical. **Prerequisite:** MGMT 3325. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4343. Performance Management 3(3-0)
This course emphasizes measuring and managing performance for the high performing enterprise. The key competitive advantage in today's globalized world lies, not in technology and products, but in its PEOPLE and their COLLECTIVE PERFORMANCE. Students will learn the process for operational excellence by examining the design and implementation of a results-driven work structure. The course discusses the importance of efficient workflow, control of operational standards, alignment with key performance metrics, rewarding results, and engaging workforce behavior to achieve high-performance. **Prerequisite:** MGMT 3325. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4344 Organizational Leadership 3(3-0)
This foundational course will help students develop an understanding of leadership theory while acquiring the necessary skills and insights to become effective leaders. The course blends theory and application, and integrates contemporary ideas and practices with established scholarly research. Students will examine the roles of self-leadership, and the binding relationships between leader and followers. The course considers how power, courage, vision, and morality influence leadership. **Prerequisite:** MGMT 3325. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4345 International Human Resources Management (3(3-0))

This course captures the compelling realities facing HRM professionals practicing in multinational enterprises today. Students will learn the international business context in which IHRM operates by investigating topic areas as new strategic forms as they impact HRM capabilities and processes, effectiveness in repatriation, transpatriation practices and strategic uses of global careers, ROI of expatriate assignments, the complexities of standardizing and customizing HRM practices and activities across local environments. **Prerequisite:** MGMT 3325. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4346 Seminar in Human Resources

Advanced course permitting students to engage in independent reading and research on contemporary issues in Human Resources. Course offers students an opportunity to research recent developments to examine underlying forces contributing to the current dialogue, legislative debate, and legal precedence in developing policy affecting the workplace. **Prerequisite:** MGMT 3325. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4355 Channel Marketing 3(3-0)

This course deals with the design and management of marketing channels. A marketing channel is viewed as an interorganizational flow system designed to deliver products and services from manufacturers to end consumers as well as reverse flows. This course specifically covers channel design, supply chain management and strategy including alliances and other collaborative relationships in a global environment. Special focus will be placed on trust between firms and its role in establishing a competitive advantage. Cross-listed with MKTG 4355. **Prerequisite:** MKTG 3361. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4392. Special Problems in Management. 3(3-0)

Special studies in management. May be repeated once for credit. **Prerequisite:** consent of the instructor. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

MARKETING (MKTG)

3314. Principles of Business Logistics. 3(3-0)

A total systems approach to managing the logistical activities of the firm. Analysis of total cost balanced against customer service. Warehousing, transportation, inventory control, packaging, handling and order processing activities are surveyed. **Prerequisite:** MKTG 3361. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3325. Selling and Sales Management. 3(3-0)

The personal selling process and the use of a professional, customer-oriented problem-solving approach in selling situations. The sales job, selection of salespeople, sales training programs and coordination/control of the sales function. Development of fundamentals of professional selling skills. **Prerequisites:** junior standing and MKTG 3361. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3328. Internship in Marketing. 3(3-0)

An off-campus learning experience allowing the acquisition and application of marketing skills in an actual work setting. **Prerequisites:** MKTG 3361, junior standing, approval of a faculty coordinator, the department chair, and approval of the school of business head. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3361. Principles of Marketing. 3(3-0)

Examination of marketing of goods and services by organizations and individuals in a free-enterprise economy. Topics covered include product, channels, price, promotion, consumer behavior, the legal and other uncontrollable environments and research, international marketing, strategy and control.

3362. Retail Marketing Management. 3(3-0)

Analysis and conceptualization of the relationship among channels of distribution members emphasizing the merchandising function of retail store management. Introduce applications of electronic commerce to retailing practice. **Prerequisite:** MKTG

3361. MKTG 3314 strongly recommended. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3364. Promotional Strategy. 3(3-0)
Demand-stimulation processes of all elements of the promotional mix at all levels of the channel of distribution. Analysis of theoretical models and pragmatic applications of promotion in an organization. **Prerequisite:** MKTG 3361. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3365. Marketing Research. 3(3-0)
Marketing research methods as applied to management problems involving marketing strategy and policy formulation, and economic-industry-firm-sales forecasts. **Prerequisites:** MKTG 3361, BCOM 3304 and BUAD 3355. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

3370. Internet as a Marketing Tool. 3(3-0)
Combines traditional marketing (situation analysis, marketing planning and marketing implementation) with the enhanced capabilities of electronic resources. Emphasis on student group application through use of online exercises and critical analysis of existing Web sites. Computer literacy expected. **Prerequisite:** MKTG 3361. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4350. Consumer Purchasing/Motivation. 3(3-0)
Analysis and evaluation of the consumer's position in the marketing structure including patterns of consumer behavior and the psychological, social and cultural forces that underlie such patterns. **Prerequisites:** MKTG 3361, MKTG 3365. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4355. Channel Marketing 3(3-0)
This course deals with the design and management of marketing channels. A marketing channel is viewed as an inter-organizational flow system designed to deliver products and services from manufacturers to end consumers as well as reverse flows. This course specifically covers channel design, supply chain management and strategy including alliances and other collaborative relationships in a global environment. Special focus will be placed on trust between firms and its role in establishing a competitive advantage. Cross-listed with MGMT 4355. **Prerequisite:** MKTG 3361. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4361. Marketing Management. 3(3-0)
Capstone Marketing course for majors. Marketing functions in the firm and marketplace from the viewpoint of the marketing manager. Concepts and analytical tools used by marketing managers. **Prerequisites:** MKTG 3325, MKTG 3364 and MKTG 4350; senior standing. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4363. International Marketing. 3(3-0)
Examines marketing in other countries, the marketing implications of cultural and environmental differences, international marketing research and adaptation of product, price, promotion and distribution decisions to international environments. Topics include international trade theory and the multinational firm. **Prerequisite:** MKTG 3361. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

4396. Special Problems in Marketing. 3(3-0)
Special studies in marketing. May be repeated once for credit. **Prerequisite:** consent of instructor. Successful completion of ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1301, MATH 1314/1324 and MATH 1325

**Bachelor of Business Administration
Accounting
2010-2011 Degree Plan**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Literature		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Name _____
 UIN# _____
 Semester of Entry _____ Catalog _____

120 CREDIT HOURS REQUIRED FOR DEGREE

63 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major			
	Grd	Cr Hr	
ACCT 3310 Intro to Accounting		3	
BCOM 3304 Business Communications		3	
BLAW 3341 Business Law		3	
BUAD 3301 Quantitative Methods of Business		3	
BUAD 3355 Business Statistics		3	
CISA 3358 Management Information Systems		3	
FINC 3337 Business Finance		3	
MGMT 3311 Principles Of Management		3	
MGMT 3320 Supply Chain & Ops MGMT		3	
MKTG 3361 Principles Of Marketing		3	
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3	
MAJOR Courses			
		24 Cr Hr	
	Grd	Cr Hr	
ACCT 3311 Intermediate Acct I		3	
ACCT 3312 Intermediate Acct II		3	
ACCT 3314 Cost Managerial Acct		3	
ACCT 4308 Income Tax Acct		3	
ACCT 4311 Auditing I		3	
ACCT 4314 Business Combinations		3	
ACCT 4307, 4317, OR CISA 3356		3	
BLAW 4342 Business Law for Accountants		3	
ELECTIVES			
--As needed to complete 120 credit hours required		6 Cr Hr	
	Grd	Cr Hr	
Business Elective		3	
ACCT Elective		3	

****Class taken in last semester****

Signed: _____
 Advisor, School of Business Date _____

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Fall/2010

**Bachelor of Business Administration
Computer Information Systems
2010-2011 Degree Plan**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Literature		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Name _____

UIN# _____

Semester of Entry _____ Catalog _____

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

Business Core (Upper Level) 2.0 overall GPA for major		33 Cr Hr	
	Grd	Cr Hr	
ACCT 3301 Acct for non-Acct Majors		3	
BCOM 3304 Business Communications		3	
BLAW 3341 Business Law		3	
BUAD 3301 Quantitative Methods for Business		3	
BUAD 3355 Business Statistics		3	
CISA 3356 Systems Analysis and Design		3	
FINC 3337 Business Finance		3	
MGMT 3311 Principles of Management		3	
MGMT 3321 Supply Chain and Ops MGMT		3	
MKTG 3361 Principles of Marketing		3	
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3	
Major Courses			
	Grd	Cr Hr	
CISA 3351 Database Design and SQL		3	
CISA 1310, 3354, 3364, 4301, or 4302 Programming Language		3	
CISA 1310, 3354, 3364, 4301, or 4302 Programming Language		3	
CISA 4306 Telecommunications I		3	
CISA 4358 Information Resource Mgmt/MIS		3	
CISA 4321 Information Security		3	
ELECTIVES			
12 Cr Hr			
--As needed to complete 120 credit hours required			
	Grd	Cr Hr	
CISA Elective		3	
CISA Elective		3	
CISA Elective		3	
BUSINESS Elective		3	

****Class taken in last semester****

**Signed: _____
Advisor, School of Business Date**

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Fall/2010

Bachelor of Business Administration
Degree Plan 2010-2011 Computer Information Systems
Enterprise Resource Planning Systems Concentration

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Literature		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major		Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods for Business			3
BUAD 3355 Business Statistics			3
CISA 3356 Systems Analysis and Design			3
FINC 3337 Business Finance			3
MGMT 3311 Principles of Management			3
MGMT 3321 Supply Chain and Ops MGMT			3
MKTG 3361 Principles of Marketing			3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>			30
Major Courses		18 Cr Hr	
	Grd	Cr Hr	
CISA 3351 Database Design and SQL		3	
CISA 1310,3354,3364,4301, or 4302 Programming Language		3	
CISA 1310,3354,3364,4301, or 4302 Programming Language		3	
CISA 4306 Telecommunications I		3	
CISA 4358 Information Resource Mgmt/MIS		3	
CISA 4321 Information Security		3	
Concentration Requirements		12 Cr Hr	
--As needed to complete 120 credit hours required			
	Grd	Cr Hr	
ACCT 4317 OR CISA 4331 (AIS or ERP)		3	
CISA 4334 Business Process Integration		3	
CISA Elective (4311, 4332 or 4333)		3	
CISA Elective (4311, 4332, or 4333)		3	
4311: Project Mgmt, 4332: Business Intelligence/Data or 4333: Supply Chain Integration			

Name _____
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 Semester of Entry _____ Catalog _____

Class taken in last semester

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

Signed: _____
 Advisor, School of Business Date

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Fall/2010

Bachelor of Business Administration
Degree Plan 2010-2011 Computer Information Systems
Project Management Concentration

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Lit/Phil/Lang/Cult Studies		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Name _____
 UIN# _____
 Semester of Entry _____ Catalog _____

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

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major		Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods for Business			3
BUAD 3355 Business Statistics			3
CISA 3356 Systems Analysis and Design			3
FINC 3337 Business Finance			3
MGMT 3311 Principles of Management			3
MGMT 3321 Supply Chain and Ops Mgmt			3
MKTG 3361 Principles of Marketing			3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>			3
Major Courses		18 Cr Hr	
		Grd	Cr Hr
CISA 3351 Database and Design and SQL			3
CISA 1310,3354,3364,4301, or 4302 Programming Language			3
CISA 1310,3354,3364,4301, or 4302 Programming Language			3
CISA 4306 Telecommunications I			3
CISA 4358 Information Resource Mgmt/MIS			3
CISA 4321 Information Security			3
Concentration Requirements		12 Cr Hr	
--As needed to complete 120 credit hours required			
		Grd	Cr Hr
CISA/ MGMT4311 (Project Mgmt)			3
CISA/ MGMT 4312 (Risk Mgmt)			3
MGMT 43424 (Total Quality & Lean Management)			3
MGMT 4344 (Organizational Leadership)			3

Class taken in last semester

Signed: _____
 Advisor, School of Business Date

**Bachelor of Business Administration
Degree Plan 2010-2011 Computer Information Systems
Information Assurance & Security Concentration**

GENERAL EDUCATION COURSES	42-44 Cr Hr	
	Grd	Cr Hr
<i>COMMUNICATION-ENGLISH</i>		
ENGL 1301 Rhetoric and Composition		3
ENGL 1302 Continuation of Rhetoric & Comp		3
<i>MATHEMATICS</i>		
MATH 1314 or 1324		3
<i>NATURAL SCIENCE</i>		
Natural Science w/lab experience		3-4
Natural Science w/lab experience		3-4
<i>HUMANITIES/VISUAL & PERF ARTS</i>		
Visual/Performing Arts		3
Lit/Phil/Lang/Cult Studies		3
<i>History/Political Science</i>		
HIST 1301 American History		3
HIST 1302 American History		3
POLS 2301 Govt & Politics of the U.S.		3
POLS 2302 Govt & Politics of Texas		3
<i>COMMUNICATION-ORAL</i>		
COMS 1311, 1315, or 1321		3
<i>GLOBAL LEARNING</i>		
Global Learning or (BUAD 3311)		3
<i>Social/Behavioral Science</i>		
ECON 2301 Principles of Macroeconomics		3
Departmental Requirements	15 Cr Hr	
	Grd	Cr Hr
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Principles of Accounting I - Financial		3
ACCT 2302 Principles of Accounting II - Managerial		3
CISA 1301 Introduction to Computers		3
ECON 2302 Principles of Microeconomics		3

Name _____

UIN# _____

Semester of Entry _____ Catalog _____

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

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Business Core (Upper Level) 2.0 overall GPA for major	33Cr Hr	
	Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods for Business		3
BUAD 3355 Business Statistics		3
CISA 3356 Systems Analysis and Design		3
FINC 3337 Business Finance		3
MGMT 3311 Principles of Management		3
MGMT 3320 Supply Chain and Ops Mgmt		3
MKTG 3361 Principles of Marketing		3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3
Major Courses		
	Grd	Cr Hr
CISA 3351 Database and Design and SQL		3
CISA 1310,3354,3364,4301, or 4302 Programming Language		3
CISA 1310,3354,3364,4301, or 4302 Programming Language		3
CISA 4306 Telecommunications I		3
CISA 4358 Information Resource Mgmt		3
CISA 4321 Information Security		3
Concentration Requirements		
--As needed to complete 120 credit hours required		12 Cr Hr
Concentration Requirements		
	Grd	Cr Hr
CISA 4308,4311,4322,4323, OR 4324		3
CISA 4308,4311,4322,4323, OR 4324		3
CISA 4308,4311,4322,4323, OR 4324		3
CISA 4325 Network Security		3
		3
4308: Telecommunications II, 4311: Project Mgmt, 4322: Information Policy Assurance, 4323: Computer Forensics or 4324: Risk Analysis		

****Class taken in last semester****

Signed: _____
Advisor, School of Business Date

Fall/2010

**Bachelor of Business Administration
Degree Plan 2010-2011 Finance**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
COMMUNICATION-ENGLISH			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
MATHEMATICS			
MATH 1314 or 1324		3	
NATURAL SCIENCE			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
HUMANITIES/VISUAL & PERF ARTS			
Visual/Performing Arts		3	
Literature		3	
History/Political Science			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
COMMUNICATION-ORAL			
COMS 1311 or 1315		3	
GLOBAL LEARNING			
Global Learning		3	
Social/Behavioral Science			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Name _____
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 Semester of Entry _____ Catalog _____

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

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Business Core (Upper Level) 2.0 overall GPA for major		33 Cr Hr	
	Grd	Cr Hr	
ACCT 3301 Acct for non-Acct Majors		3	
BCOM 3304 Business Communications		3	
BLAW 3341 Business Law		3	
BUAD 3301 Quantitative Methods for Business		3	
BUAD 3355 Business Statistics		3	
CISA 3358 Management Information Systems		3	
FINC 3337 Business Finance		3	
MGMT 3311 Principles of Management		3	
MGMT 3321 Supply Chain and Ops Mgmt		3	
MKTG 3361 Principles of Marketing		3	
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3	
Major Courses		21 Cr Hr	
	Grd	Cr Hr	
FINC 3338 Financial Statement Analysis		3	
FINC 4331 Investments		3	
FINC 4332 OR FINC 4360 Portfolio Mgmt or Options & Futures		3	
FINC 4336 OR FINC 4362 FINC MGMT or Capital Budgeting		3	
FINC 4341 Financial Markets & Institutions		3	
FINC 4342 International Finance		3	
ECON 3331 Money & Banking		3	
ELECTIVES		9 Cr Hr	
--As needed to complete 120 credit hours required			
	Grd	Cr Hr	
FINC Elective		3	
FINC Elective		3	
Business Elective		3	

Class taken in last semester

Signed: _____
 Advisor, School of Business Date

**Bachelor of Business Administration
Degree Plan 2010-2011 General Business**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Literature		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major		Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods of Business			3
BUAD 3355 Business Statistics			3
CISA 3358 Management Information Systems			3
FINC 3337 Business Finance			3
MGMT 3311 Principles Of Management			3
MGMT 3320 Supply Chain & Ops Mgmt			3
MKTG 3361 Principles Of Marketing			3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>			3
MAJOR Courses		15 Cr Hr	
		Grd	Cr Hr
MGMT 3325 (Human Resource Management)			3
MGMT 4327 (Org Theory & Human Behavior)			3
MGMT 4331 (International Management)			3
ECON 3331 (Money & Banking)			3
MGMT 4330 (Purchasing & Supply Chain Mgmt)			3
ELECTIVES		15 Cr Hr	
<i>--As needed to complete 120 credit hours required</i>			
		Grd	Cr Hr
Business Elective			3
Business Elective			3
Business Elective			3
Accounting Elective (Acct 3314 Managerial Acct suggested)	Cost		3
Marketing Elective			3

Name _____

UIN# _____

Semester of Entry _____ Catalog _____

Class taken in last semester

Signed: _____

Advisor, School of Business Date

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

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Fall/2010

**Bachelor of Business Administration
Degree Plan 2010-2011 International Management**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
COMMUNICATION-ENGLISH			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
MATHEMATICS			
MATH 1314 or 1324		3	
NATURAL SCIENCE			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
HUMANITIES/VISUAL & PERF ARTS			
Visual/Performing Arts		3	
Literature		3	
History/Political Science			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
COMMUNICATION-ORAL			
COMS 1311 or 1315		3	
GLOBAL LEARNING			
Global Learning		3	
Social/Behavioral Science			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major		Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods of Business			3
BUAD 3355 Business Statistics			3
CISA 3358 Management Information Systems			3
FINC 3337 Business Finance			3
MGMT 3311 Principles Of Management			3
MGMT 3320 Supply Chain & Ops Mgmt			3
MKTG 3361 Principles Of Marketing			3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>			3
MAJOR Courses		21 Cr Hr	
		Grd	Cr Hr
MGMT 3325 (Human Resource Management)			3
MGMT 4327 (Org Theory & Human Behavior)			3
MGMT 4331 (International Management)			3
ECON 3334 (International Economics)			3
BLAW 4344 (International Business Law)			3
FINC 4342 (International Finance)			3
MKTG 4363 (International Marketing)			3
ELECTIVES		9 Cr Hr	
--As needed to complete 120 credit hours required			
		Grd	Cr Hr
Foreign Language			3
Foreign Language			3
Business Elective (Advanced)			3

Name _____

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****Class taken in last semester****

Signed: _____
Advisor, School of Business Date

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

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Fall/2010

**Bachelor of Business Administration
Degree Plan 2010-2011 Management**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
COMMUNICATION-ENGLISH			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
MATHEMATICS			
MATH 1314 or 1324		3	
NATURAL SCIENCE			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
HUMANITIES/VISUAL & PERF ARTS			
Visual/Performing Arts		3	
Literature		3	
History/Political Science			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
COMMUNICATION-ORAL			
COMS 1311 or 1315		3	
GLOBAL LEARNING			
Global Learning		3	
Social/Behavioral Science			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major		Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods of Business			3
BUAD 3355 Business Statistics			3
CISA 3358 Management Information Systems			3
FINC 3337 Business Finance			3
MGMT 3311 Principles Of Management			3
MGMT 3320 Supply Chain & Ops Mgmt			3
MKTG 3361 Principles Of Marketing			3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>			3
MAJOR Courses		18 Cr Hr	
		Grd	Cr Hr
MGMT 3325 (Human Resource Management)			3
MGMT 4327 (Org Theory & Human Behavior)			3
MGMT 4331 (International Management)			3
MGMT 4324 (Total Quality & Lean Management)			3
MGMT 4328 (Labor Relations & Collective Bargaining)			3
MGMT 4329 (Purchasing & Supply Chain Management)			3
ELECTIVES		12 Cr Hr	
--As needed to complete 120 credit hours required			
		Grd	Cr Hr
MGMT Elective			3
MGMT Elective			3
Business Elective			3
Business Elective			3

Name _____

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Semester of Entry _____ Catalog _____

Class taken in last semester

Signed: _____
Advisor, School of Business Date

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

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Fall/2010

**Bachelor of Business Administration
Degree Plan 2010-2011 Management
Human Resources Management Concentration**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Literature		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Name _____

UIN# _____

Semester of Entry _____ Catalog _____

120 CREDIT HOURS REQUIRED FOR DEGREE

63 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major		Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods of Business			3
BUAD 3355 Business Statistics			3
CISA 3358 Management Information Systems			3
FINC 3337 Business Finance			3
MGMT 3311 Principles Of Management			3
MGMT 3320 Supply Chain & Ops MGMT			3
MKTG 3361 Principles Of Marketing			3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>			3
MAJOR Courses		21 Cr Hr	
		Grd	Cr Hr
MGMT 3325 (Human Resource Management)			3
MGMT 4327 (Org Theory & Human Behavior)			3
MGMT 4331 (International Management)			3
MGMT 4328 (Labor Relations & Collective Bargaining)			3
Concentration Requirements		9 Cr Hr	
MGMT 4341 (Compensation & Benefits)			3
MGMT 4342 (Training & Development)			3
MGMT 4343 (Performance Management)			3
ELECTIVES		6 Cr Hr	
--As needed to complete 120 credit hours required			
		Grd	Cr Hr
MGMT Elective (4344, 4345, or 4346)			3
MGMT Elective (4344, 4345, or 4346)			3
Business Elective			3
4344: Organizational Leadership			
4345: International Human Resources			
4346: Seminar in Human Resources			

****Class taken in last semester****

Signed: _____
Advisor, School of Business Date

Fall/2010

**Bachelor of Business Administration
Degree Plan 2010-2011 Management
Supply Chain Management Concentration**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Literature		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Name _____

UIN# _____

Semester of Entry _____ Catalog _____

120 CREDIT HOURS REQUIRED FOR DEGREE

63 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Business Core (Upper Level)		33 Cr Hr	
2.0 overall GPA for major		Grd	Cr Hr
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods of Business			3
BUAD 3355 Business Statistics			3
CISA 3358 Management Information Systems			3
FINC 3337 Business Finance			3
MGMT 3311 Principles Of Management			3
MGMT 3320 Supply Chain & Ops Mgmt			3
MKTG 3361 Principles Of Marketing			3
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>			3
MAJOR Courses		9 Cr Hr	
		Grd	Cr Hr
MGMT 3325 (Human Resource Management)			3
MGMT 4327 (Org Theory & Human Behavior)			3
MGMT 4331 (International Management)			3
Concentration Requirements		18 Cr Hr	
		Grd	Cr Hr
MGMT 3314 OR MKTG 3314 (Principles of Business Logistics)			3
MGMT 4355 or MKTG 4355 (Channel Marketing)			3
MGMT 4324 (Total Quality & Lean Management)			3
MGMT 4329 (Purchasing & Supply Chain Management)			3
MGMT 4343 (Performance Management)			3
MGMT 4333/ CISA 4333 (Supply Chain Integration)			3
ELECTIVES		3 Cr Hr	
--As needed to complete 120 credit hours required			
		Grd	Cr Hr
Business Elective (ACCT 4317 or CISA 4331) (AIS or ERP)			3

****Class taken in last semester****

Signed: _____
Advisor, School of Business Date

**Bachelor of Business Administration
Degree Plan 2010-2011 Marketing**

GENERAL EDUCATION COURSES		42-44 Cr Hr	
	Grd	Cr Hr	
<i>COMMUNICATION-ENGLISH</i>			
ENGL 1301 Rhetoric and Composition		3	
ENGL 1302 Continuation of Rhetoric & Comp		3	
<i>MATHEMATICS</i>			
MATH 1314 or 1324		3	
<i>NATURAL SCIENCE</i>			
Natural Science w/lab experience		3-4	
Natural Science w/lab experience		3-4	
<i>HUMANITIES/VISUAL & PERF ARTS</i>			
Visual/Performing Arts		3	
Literature		3	
<i>History/Political Science</i>			
HIST 1301 American History		3	
HIST 1302 American History		3	
POLS 2301 Govt & Politics of the U.S.		3	
POLS 2302 Govt & Politics of Texas		3	
<i>COMMUNICATION-ORAL</i>			
COMS 1311 or 1315		3	
<i>GLOBAL LEARNING</i>			
Global Learning		3	
<i>Social/Behavioral Science</i>			
ECON 2301 Principles of Macroeconomics		3	
Departmental Requirements		15 Cr Hr	
	Grd	Cr Hr	
MATH 1325 Mathematics for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Principles of Accounting I - Financial		3	
ACCT 2302 Principles of Accounting II - Managerial		3	
ITSC 1301 Introduction to Computers		3	
ECON 2302 Principles of Microeconomics		3	

Business Core (Upper Level) 2.0 overall GPA for major		33 Cr Hr	
	Grd	Cr Hr	
ACCT 3301 Acct for non-Acct Majors		3	
BCOM 3304 Business Communications		3	
BLAW 3341 Business Law		3	
BUAD 3301 Quantitative Methods of Business		3	
BUAD 3355 Business Statistics		3	
CISA 3358 Management Information Systems		3	
FINC 3337 Business Finance		3	
MGMT 3311 Principles Of Management		3	
MGMT 3320 Supply Chain & Ops Mgmt		3	
MKTG 3361 Principles Of Marketing		3	
MGMT 4325 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3	
MAJOR Courses		18 Cr Hr	
	Grd	Cr Hr	
MKTG 3325 Selling & Sales Management		3	
MKTG 3365 Marketing Research		3	
MKTG 4350 Consumer Purchasing & Motivation		3	
MKTG 4361 Marketing Management <i>(to be completed in your last semester only) **</i>		3	
MKTG 4363 International Marketing		3	
MGMT 4327 Org Theory & Human Behavior		3	
ELECTIVES		9 Cr Hr	
--As needed to complete 120 credit hours required			
	Grd	Cr Hr	
MKTG Elective (3364: Promotional Strategy, <i>recommended</i>)		3	
MKTG Elective		3	
ACCT Elective (3314: Cost Managerial, <i>recommended</i>)		3	

Name _____
 UIN# _____
 Semester of Entry _____ Catalog _____

Class taken in last semester

Signed: _____
 Advisor, School of Business Date _____

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

NOTE: This unofficial worksheet is intended to serve as a general outline and guide for the student to follow in order to meet degree requirements. It does not constitute a contract, nor does it imply assurance of graduation. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes.

Fall/2010

SCHOOL OF EDUCATION and KINESIOLOGY

Mr. Heriberto Gonzalez, *Interim School Head*
Dr. Sam Garcia, *Department Chair*
Ms. Grisel Portilla, *Administrative Assistant*
Administration Building, Room 236, Extension 6247

The School of Education and Kinesiology is committed to serving the needs of the region by preparing qualified professionals to assume positions of responsibility and leadership in a global society. Reflective of this mission, the School of Education and Kinesiology is dedicated to supporting and retaining quality faculty and staff who nurture and optimize student opportunities while simultaneously pursuing high academic, professional and personal standards that promote student achievement and life-long learning. The School of Education and Kinesiology serves an ethnically diverse population that comprises the university's student base and seeks to work cooperatively with area early childhood through grade 12 educators, education service centers, area community colleges, community and business leaders and professional organizations in promoting excellence in education at all levels. Students are expected to uphold the Texas Educator's Code of Ethics as well as the standards of professional organizations in their fields of study.

The School of Education and Kinesiology offers the Bachelor of Science in Interdisciplinary Studies; the Bachelor of Science in Kinesiology; and various master's degrees (see Graduate Catalog).

Academic Advising

Each undergraduate major is assigned a professional adviser upon entering the university. Students meet with their adviser on a scheduled basis to plan their program and any time there is a need to discuss questions or concerns.

Students who are interested in changing majors into any of our elementary, middle school or secondary certification programs are responsible for meeting with an adviser in the division's Advising Office prior to doing so. Advisers have available specific information regarding all program options.

NOTE: The following sections provide general information about programs in the School of Education and Kinesiology. Additional regulations for educator certification may take effect during the years of this catalog and may require changes that could not be foreseen at the time of printing. Changes that become effective in response to rulings by the State Board for Educator Certification and the Texas Higher Education Coordinating Board may apply to current and prospective students.

The Teacher Education Program

The teacher education program at Texas A&M University-San Antonio is administered by the Teacher Preparation and Certification Center (TPCC). The program is field-based and is conducted at least 30% of the time at public or private school sites. Students interested in elementary certification may seek certification in early childhood (EC) through grade six or certification in grades four through eight in the specialization areas of mathematics, science, social studies or English language arts/reading.

The elementary program is divided into two semesters of field-based study starting in the first semester of the junior year (64 semester hours) and upon acceptance into the teacher education program. Application packets for the teacher preparation program are available in the TPCC office along with a listing of assigned advisers. Early Childhood (EC-6) field experience assignments include a total of three semesters (2 field base and 1 student teaching) in EC-6 public and private school classrooms. Elementary (4-8) field experience assignments will be completed in grade 4 to 8 classrooms. Field experience assignments are to be completed in pre-arranged collaborating area schools. Student teaching is to be completed the third semester of study and involves working full days for one semester. Student teaching begins the day school begins, spring or fall, rather than when university classes begin.

The secondary (8-12)/all-level (EC-12) certification program usually begins in the second semester of the junior year and is a three semester field-based program. The first semester students are placed in a middle school or high school and the second semester students are placed in a high school. During the first and second semesters, several courses are field-based approximately 30% of the time. Classroom placements are based on degree certification being sought and pre-arranged with collaborating area schools. The student teaching experience in the third semester is 100% field-based. All EDED, EDSE and field based courses (other than student teaching) must be successfully completed before the student teaching experience.

Degree Plans

Students declaring EC-6, 4-8, or EC-12 Interdisciplinary Studies as a major should schedule an appointment with a School of Education and Kinesiology adviser to plan and develop a draft degree plan. After appropriate school personnel (adviser, certification officer, TPCC senior director sign the degree plan, it then becomes the official plan that students follow to graduation. Changes and course substitutions to the plan must be approved by the student's adviser, certification officer, and school chair when changes involve courses from each school). Changes may also occur when the State Board for Education Certification mandates changes in the teacher preparation program or certification areas.

Other secondary/all level degree plans may be obtained from the department of the student's major field, and students should also meet with the secondary/all level education coordinator by the sophomore year.

Educator Certification in Texas

The university maintains a Certification Office to assist individuals with certification concerns. The present certification rules in Texas became effective September 1, 1999. The Standard Certificate replaces the lifetime Provisional and Professional certificates for all certificate programs completed after September 1, 1999. The Standard Certificate is issued by the State Board for Educator Certification and must be renewed every five years to remain valid.

The Initial Standard Certificate

The initial certificate for beginning teachers may be obtained by completion of an appropriate undergraduate program culminating in a baccalaureate degree. A student seeking initial certification is required to have a minimum cumulative grade point average of 2.5 plus a minimum 2.5 average in courses constituting the teaching field(s) and delivery system(s) (Bilingual Education, Early Childhood Education, -Special Education).

In order to be recommended for initial certification or for additional teaching fields or areas of specialization, or for supplemental certificates, all persons are required to achieve a satisfactory level of performance on the Texas Examinations of Educator Standards (TE^{ES}). All persons seeking certification in Bilingual Education or Secondary Spanish must also pass a Spanish language proficiency test, the Bilingual Target Language Proficiency (BTLPT) or its successor.

Areas and Levels of Certification

The State Board for Educator Certification (SBEC) has approved subject areas and grade levels for certification to be phased in beginning fall 2002. Standards describing the knowledge and skills that a beginning teacher must demonstrate prior to certification have been developed for each certificate. For the years covered by this catalog, beginning teachers will be certified under the certification structure described below.

Standard Certificates for Early Childhood-Grade 6 and Grades 4-8

An undergraduate student seeking a certificate to teach in the elementary schools must complete the work for a Bachelor of Science degree in Interdisciplinary Studies. Requirements include approximately two years of course work in academic foundations courses; a minimum of 12 semester hours of science, 9 semester hours of mathematics and 6 semester hours of reading; 48 semester hours in an interdisciplinary academic major consisting of subjects taught in the elementary grades with 24 semester hours in one or more subject areas or 18 semester hours in a delivery system (Bilingual Education-Spanish, Early Childhood Education, Special Education), 24 semester hours of field-based professional development courses; and 6 semester hours of student teaching.

A&M-San Antonio offers the Bachelor of Science degree in Interdisciplinary Studies for the following specializations and delivery systems:

Generalist (Grades EC-6) with ESL Endorsement

For students wishing to teach primary and elementary age students in the general education classroom.

Generalist (Grades EC-6) with ESL Endorsement and EC Local Certificate – For students wishing to teach primary and elementary age students in the general classroom with a specialization in Early Childhood (PreK-2).

Bilingual Generalist – (Grades EC-6) – For students wishing to teach primary and elementary age students in the bilingual classroom.

Generalist (Grades 4-8) with ESL Endorsement and Content Specialization Option

For students wishing to teach middle level age students in the general education classroom. Students have the option of graduating with a content specialization meeting highly qualified expectations at the middle school level for specific content areas (i.e., Math, Science, Social Studies, English/Language Arts).

Bilingual Generalist - Spanish (Grades 4-8) with Content Specialization Option – For students wishing to teach middle level age students in the bilingual classroom. Students have the option of graduating with the ESL Generalist (Grades 4-8) or adding a content specialization meeting highly qualified expectations at the middle school level for specific content areas (i.e., Math, Science, Social Studies, English/Language Arts).

Special Education (Grades EC-12) with Generalist (Grades EC-6 or 4-8 with Content Specialization) and ESL

Endorsement Option - For students wishing to teach special education students in PreK-12 settings. Students have the option of graduating with the Special Education (EC-12) qualifying them to teach in behavior unit or life skills settings or adding an ESL Generalist EC-6 or 4-8 with content area specialization. The double certification meets highly qualified expectations in either elementary or middle level regular classrooms as well as special education PreK-12 for increased marketability and flexibility in teaching assignments.

Physical Education (Grades EC-12) with ESL Endorsement and Generalist (Grades 4-8) with Content Specialization

Option - For students wishing to teach physical education students in PreK-12 settings. Students have the option of Physical Education (EC-12) qualifying them to teach in physical education settings or adding an ESL Generalist EC-6 or 4-8 with content area specialization. The double certification meets highly qualified expectations in middle level regular classrooms as well as physical education PreK-12 for increased marketability and flexibility in teaching assignments.

Grades 8-12 Certification Areas – For students wishing to teach specific content areas in 8th-12th grade settings. Students seeking to teach in these fields major in degrees conferred through the Division of Arts & Sciences with minors in teacher education.

Standard Certificate for Grades 8-12 (formerly Secondary)

A student seeking a certificate to teach in the secondary schools of Texas must earn a bachelor's degree in a recognized major. Majors that lead to secondary certification can be found in the Divisions of Business, Arts & Sciences and Education & Kinesiology. The introduction to the Department of Arts & Sciences has a list of majors offered in that department that lead to teaching certification. To earn certification the student must spend approximately two years in academic foundations courses; approximately 48 semester hours in selected teaching fields; 18 semester hours in professional development courses; 3 hours in reading and 6 semester hours in student teaching. For further information, students should contact the chair of departments offering majors that lead to certification, as well as the coordinator for secondary instruction in the Department of Curriculum & Kinesiology.

Standard Certificate for Grades EC-12 (formerly All-level)

A student seeking a certificate to teach a special subject at all grade levels in Texas schools must complete the work for a Bachelor of Arts or Bachelor of Science degree consisting of approximately two years of course work in academic foundations courses; the required course work in the subject area, including specific courses at both the elementary and secondary levels; and the required professional education courses at the elementary and secondary levels. A&M-San Antonio offers the all-level certificate in Special Education, Physical Education, and Technology Applications. For further information students should contact the chair of the appropriate department, as well as the coordinator for secondary instruction in the Department of Curriculum & Kinesiology.

Supplemental Certificates

Supplemental certificates are added to existing elementary, secondary or all-level certificates or to new Grades EC-6, 4-8 or 8-12 standard certificates and are available in the following areas:

English as a Second Language
Special Education

Additional Standard Certificates Based on Graduate Course work

An additional standard certificate is obtained by completion of an appropriate program of no fewer than 30 semester hours of graduate work. This certificate may be issued to a student who has earned a master's degree, holds an initial standard or provisional certificate, has completed a required number of years of successful classroom teaching, has completed the required graduate-level course work or master's degree in an approved program and has been recommended by the certification officer. If course work is properly planned, the graduate student may be able simultaneously to complete requirements for a master's degree and an additional standard certificate.

A student who is interested in working toward a graduate degree and an additional standard certificate should consult the graduate adviser in the School of Education & Kinesiology concerning certificate requirements.

In order to be approved for the above certifications, all persons, including those holding a valid out-of-state certificate, are required to achieve a satisfactory level of performance on the TExES exam.

Graduate Teacher Certification

The Graduate Teacher Certification program is for those individuals who already hold a baccalaureate degree. This program is an accelerated route into teaching which offers training on how to be an effective teacher through graduate-level course work. Our Graduate teacher certification program is designed to be completed in a 12 to 15 month period, during which students have a paid teaching position in a public school classroom.

For further information, contact the senior director of the Teacher Preparation and Certification Center (TPCC) at Texas A&M-San Antonio at extension 6228.

Non-Certification Degrees: Kinesiology (Exercise Science), Kinesiology (Exercise Science/Pre-Physical Therapy)

The Department of Education & Kinesiology offers two undergraduate degrees that do not prepare recipients to sit for teacher certification. The Bachelor of Science degrees in Kinesiology (Exercise Science) and Kinesiology (Exercise Science/Pre-Physical Therapy) are designed for students wishing to pursue health-, exercise-, physical therapy- or movement-related careers outside of the public school setting. Students should contact the School of Education & Kinesiology for more information.

Admission to Education

(NOTE: State requirements sometimes cause changes in university requirements. Please contact TPCC for the latest updates to the admission requirements.)

Students admitted to the university may declare their interest in becoming teachers and initiate a general academic program preparatory to this objective. In addition to applying and being accepted to the university, after successfully completing 60 or more semester hours of study with a minimum cumulative grade point average of 2.5/4.0 (transfer and Texas A&M-San Antonio course work), the student should request an application to the teacher preparation program. Students may not register for 3000 or 4000 level education courses until the application is submitted and approved (unless special permission is obtained from adviser). Student may register for pre requisite courses). To be admitted to the teacher education program a student must:

- a. have completed 60 semester hours including at least 30 semester hours of academic foundations.
- b. have completed ENGL 1301 and ENGL 1302 HIST 1301, HIST 1302 and MATH 1314 or higher (with a "C" or better),. (The "B" or better rule applies to the courses listed above if any of the state required tests in reading, mathematics and writing do not yield a minimum passing score).
- c. have an official degree plan on file in the School of Education or submit a copy of the signed degree plan from another college.
- d. have a cumulative GPA of 2.5 or better (including all transfer work).
- e. have a minimum of the state prescribed scores on the state required tests in reading, mathematics and writing on the THEA, ACT, SAT or GRE.

- . have signed disclosure and consent forms required for participation in field experiences and student teaching. Schools participating in the field-based program may require criminal record checks on persons interacting on a daily basis with students. Applicants for a Texas teaching certificate must report any previous arrest, indictment, conviction and/or deferred adjudication to the Texas Board for Educator Certification. SBEC requires fingerprinting to verify a nationwide criminal history background check. An applicant with a criminal history may be denied certification.
- h. have completed critical thinking requirements (EDUC 1301 and EDUC 2301 or approved substitute (with a “C” or better).

Student must maintain a 2.5/4.0 grade point average to remain in the teacher preparation program. No education course (prefixes EDBL, EDED, EDRG, EDSE) may be counted toward any degree leading to teacher certification unless the grade is at least a “C.”

Admission to Student Teaching

Students are expected to plan their programs, if possible, so they are registered for not more than a maximum of 12 semester hours (6 hours are student teaching) when taking student teaching. Any exception must be approved by a student's department chair or the Head of the School of Education & Kinesiology. To be eligible to register for student teaching a student must:

- a. have been officially admitted to the teacher education program (TPCC) in the School of Education & Kinesiology.
- b. have completed a minimum of 100 semester credit hours with no more than 24 hours remaining, including student teaching.
- c. have a cumulative grade point average of at least 2.5/4.0 overall (transfer and Texas A&M-San Antonio work) and at least a 2.5 average or above in the teaching field(s) and/or delivery systems (bilingual, early childhood, special education).
- d. have completed all education courses (except EDED 4613 Elementary Student Teaching and EDED 4623 Secondary/All-level Student Teaching).

Exceptions:

- 1. Secondary/All-level students may take EDRG 4314 during student teaching.
- 2. EC-6 students may take EDRG 4330 during student teaching.
- 3. Students with financial aid may take enough courses to maintain aid funding.
- 4. For other circumstances, call the (TPCC) office and make an appointment for advising.
- e. have completed the application for student teaching (available in the TPCC office, Administration Building, Room 235).
- f. have submitted the results of a tuberculin test (within 180 days of student teaching).

Communication Skills

All transfer students entering Texas A&M-San Antonio must demonstrate minimum communication skills. Students in the School of Education and Kinesiology must pass ENGL 1302 with a grade of C or better to meet the requirement. Students in other divisions should contact their academic advisers for specific communication requirements.

DEPARTMENT OF CURRICULUM & KINESIOLOGY

Samuel S. Garcia, *Chair*

Administration Building, Room 236, Extension 7132

No course in the Department of Curriculum & Kinesiology may be counted toward any degree leading to teacher certification unless the grade is at least a "C."

Special Requirements for B.S. in Kinesiology

In addition to the graduation requirements set forth by the university and the School of Education & Kinesiology, the Kinesiology program requires a grade of "C" or better in all major or teaching-field courses for the B.S. in Kinesiology (EC-12 Physical Education), B.S. in Kinesiology (Exercise Science) and B.S. in Kinesiology (Exercise Science/Pre-Physical Therapy) degrees.

BILINGUAL EDUCATION (EDBL)

3311. Survey of Bilingual Education. 3(3-0)

This course is designed to equip the pre-service bilingual and second language teachers with the historical, sociolinguistic principles and legal foundations of bilingual education. We will examine different models of bilingual programs and its socio-cultural implications for language minority students. This course will emphasize how the political arena has influenced bilingual legislation in the United States.

3320. Tests and Measurements in the Bilingual and ESL Classrooms. 3(3-0)

Assessment instruments and strategies used in local, state and national systems for linguistically diverse students will be emphasized. In addition, this course will focus on the development of successful assessment practices for linguistically diverse students that can be used in Bilingual and ESL classrooms.

3321. Methods of Teaching English to Non-English Children. 3(3-0)

This course is designed to help educational practitioners to understand the inter-relatedness of language and literacy learning in the classroom of Non-English speakers. This course will examine the cultural contexts, social, and linguistic approaches to the teaching ESL. The importance of the teacher-student relationships and classroom climate will be emphasized.

3322. Teaching Language Arts, Social Studies & Music Content in Dual Language Classrooms. 3(3-0)

This course is designed to teach the methods and techniques for teaching Language Arts, Social Studies, and Music to the bilingual child. This course will emphasize the importance of the planning, curriculum, and instruction in the dual language classroom. In this course the use of lesson plans and the importance of meaningful teaching will be discussed.

4307. Advanced Problems in Teaching English as a Second Language. 3(3-0)

Major approaches of second language acquisition. Special materials and methods of instruction for the linguistically different child. Emphasis on organization, curriculum development and usage of learning techniques for teachers of English as a Second Language and of Bilingual Education.

4311. Second Language Acquisition and Literacy Development for English Language Learners. 3(3-0)

This course focuses on the language learning and acquisition theories for first and second language learning. In addition, this course will stress the literacy development theories, lesson planning, oral language development, and the implications of learning second language methodology.

4321. Applied Linguistics. 3(3-0)

Linguistic structures and the relationships found in first and second language learning; educational implications in public school classrooms; dialects and cognitive development of language.

4322. Teaching Mathematics, Science and Art Content in the Bilingual Classroom. 3(3-0)

This course is for students in the Bilingual EC-6 degree plan. The course will include knowledge of teaching Mathematics, Science and Art content in the bilingual and ESL Classroom. It will consist of a 3hr. course credit, lesson plan demonstrations, and TEKS alignment to each content area. EDBL 4316 and EDBL 3308 are a prerequisite for enrollment in this course.

EARLY CHILDHOOD (EDEC)

3303. Child Development

3(3-0)

Physical, cognitive, language, social and emotional development of children from birth to adolescence. Skills in objective observation and recording of information with emphasis on informal assessment techniques. Field experience is required. Prerequisite: admission to field-based teacher education program.

3329. Developmentally Appropriate Curriculum for the Young Child.

3(3-0)

Students will understand the historical, philosophical, psychological, sociological theories behind developmentally appropriate early childhood curriculum. Students will comprehend specifics about licensing, certification and management of childcare facilities as well as in the classroom. Students will identify and understand laws, rights and appropriate curriculum for special needs students. Prerequisite: EDEC 3303

3349. Academics Creativity and Play

3(3-0)

Developmental stages of art and creative thinking, relationship of creative activities to problem-solving. Methods and materials for teaching fine arts. Theories and research on learning academic skills through play and creative activities. Prerequisite: EDEC 3303 or EDED 3313.

4317. Cognitive Development in Early Childhood.

3(3-0)

Students will develop an understanding of the logical thought and reasoning skills of the young child through theories and research on cognitive development. Students will acquire knowledge on developmentally appropriate methods and materials to facilitate quantitative and qualitative concepts in young children. Also, students will comprehend strategies to enhance critical thinking with young children. EDEC 3303 or EDED 3313

4320. Assessment of Young Children.

3(3-0)

Student will acquire information regarding developmentally appropriate assessment strategies for the cognitive, social, emotional and physical domain. Student will identify formal and informal evaluative instruments and the subsequent advantages and disadvantages. Information will be provided on special problem regarding assessment, including assessment of special populations, interpretation of results and bias of results. Prerequisites: EDEC 3303.

4329. Language Development in Early Childhood.

3(3-0)

Acquisition and development of oral language, early literacy. Integrated approach to language skills for young children. Prerequisite: EDEC 3324.

4337. Physical Development in Early Childhood.

3(3-0)

Strategies and materials for enhancing the physical development of young children. Units of health, nutrition, safety and other related topics. Field experiences. Prerequisite: EDEC 3324.

4349. Social/Emotional Development in Early Childhood.

3(3-0)

Students will understand the interdependence of children's social and emotional development upon behavior. Students will comprehend strategies for promoting positive guidance, developing a strong self concept, expanding gender and ethnic identity and encouraging autonomy in young children. Pre-requisite EDEC 3303.

4361. Curriculum and Materials for Early Childhood Education.

3(3-0)

Methods and materials for teaching young children. Scope and sequence of language, mathematics, social and natural sciences, fine arts, health and safety and physical education. Field experiences required. Prerequisites: EDEC 3328, EDEC 4317 or EDEC

EDUCATION (EDED)

3301. Principles of Learning: Early Childhood Elementary Levels. 3(3-0)

Students will identify theories related to motivation, interest, attention, transfer, relevance and other principles of learning. In addition, students will understand instructional models and subsequent theories for teaching children from early childhood to the grade.

3303. Development and Behavior of the Child and Adolescent. 3(3-0)

This course will cover the child and adolescent in contemporary society, including cultural background, interest, attitudes, values and needs, self-concepts, and adjustment mechanisms. The learning process will be covered with regards to students' social, emotional and sexual development. This will include a study of the growth and development, behavioral characteristics, and teaching and learning processes of the middle and secondary aged child in multi-cultural society.

3308. Methods in Educational Media and Technology. 3(3-0)

Emphasizes techniques to enhance learning, use of media and technology, learning styles of different students and ways to use media and technology to accommodate different learning styles.

3347. English Language Arts Methods for Early Childhood and Elementary Teachers. 3(3-0)

This course focuses on the six components of language arts: listening, talking, reading, writing, viewing and visual representation. Psycholinguistic and sociolinguistic theory and its application to English language learning will be addressed. Strategies for teaching reading in the content area with emphasis on the skills necessary for helping students increase their reading vocabulary and reading comprehension are discussed. Additionally, this course offers experience and training in the use of writing as an instructional tool and techniques and methods for writing throughout the curriculum. Details pertaining to research, visual literacy and digital/critical literacy are explained.

3348. Classroom Management: Early Childhood and Elementary Teachers. 3(3-0)

This course introduces various managerial strategies, offers teachers candidates ideas for effective classroom management, and develops an understanding of the value of collaborating within the school community. This course covers basic skills and knowledge for creating a learning environment that encourages positive social interaction and effective communication among members of the learning community at the middle & secondary levels.

3349. Social Studies Methods: Early Childhood Elementary 3(3-0)

This course provides teacher candidates with a method of teaching and assessing social studies in the early childhood through elementary grade levels; including methods and of selecting organizing social studies programs, the sequence of the content of the social studies curriculum, adapting and enriching social studies programs to meet the needs of all students, and creating assessments aligned with the social studies curriculum.

3357. English Language Arts Methods: Middle School and Secondary Levels. 3(3-0)

This course focuses on the six components of language arts: listening, talking, reading, writing, viewing and visual representation. Strategies for teaching reading in the content area, specifically for the middle and secondary levels, with emphasis on the skills necessary for helping students increase their reading vocabulary and reading comprehension are discussed. Additionally, the implementation of writing and the application of advanced writing in the content areas will be utilized.

3358. Classroom Management – Middle and Secondary Level Teachers 3(3-0)

This course addresses two distinct areas of classroom management. The first area is directed at the capacity building of each student in the critical assertiveness traits that are needed by all classroom teachers. The second area addressing the various technical areas of managing the classroom. Much of the training is directed in a format of identifying and addressing the clinical needs and responses to these two management areas. Students who complete this course will have the necessary competencies and skills to manage their behaviors and the behaviors of students. By the end of the course, students will know how to establish and maintain an academic climate in a classroom so that quality student performance can be attained.

3359. Social Studies Methods: Middle Secondary & Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing social studies in the middle and secondary levels; including methods of selecting and organizing social studies programs, the sequence of the content of the social studies curriculum, adapting and enriching social studies programs to meet the needs of all students, and creating assessments aligned with the social studies curriculum.

3370. Introduction to Special Populations. 3(3-0)

This course is designed as an enriched, integrated pre-service course with content experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic, and academic diversity and equity with an emphasis on learning. A 15 hour field experience in public school setting (P-12) is required.

3380. Teaching as a Profession. 3(3-0)

This course is designed for students who are considering teaching as a career. This course will focus on the requirements for becoming certified in Texas and serves as an introduction to and analysis of the culture of schooling and classrooms. Students will have an opportunity to explore and discuss current educational issues and challenges that impact students, teachers, and society. A 15 hour field experience in public school settings (P-12) is required.

4301. Curriculum Across the Disciplines – Early Childhood and Elementary Levels. 3(3-0)

This course provides pre-service teachers with an understanding of the broad components of curriculum and the specific strategies necessary to develop an integrated curriculum. In particular, this course will focus on construction and implementation of differentiated instruction for the EC-12 learners. Students will understand the value of employing various materials, products, processes and learning profiles to create a classroom community for diverse students to thrive. Pre-requisite: EDEC 3313 and 1 semester of Field Based experience.

4309. Trends in Education 3(3-0)

This course will include an analysis of current trends in education as well as application of the critical skills necessary for professional success of beginning teachers. Pre-requisite: 18 semester hours of upper level teacher preparation coursework and 1 semester of Field Base Experience.

4311. Curriculum and Learning for Adolescent Students. 3(3-0)

This course provides teacher candidates with the knowledge and skills necessary to teach adolescents in the middle and secondary grade levels. Topics include the middle level and secondary philosophies; school organization; middle level and secondary curriculum, instruction and assessment teaching skills; and middle level and secondary professional roles. Pre-requisite: admission to the teacher education program.

4346. Science Methods: Early Childhood and Elementary Levels. 3(3-0)

Emphasizing effective integrated science teaching focusing on inquiry and other constructivist approaches. Aligned to state curriculum (TEKS) and elementary comprehensive TExES competencies.

4347. Math Methods: Early Childhood Elementary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing mathematics in the early childhood through elementary grade levels; including methods of selecting and organizing mathematics programs, the sequence of the content of the mathematics curriculum, adapting and enriching mathematics programs to meet the needs of all students, and creating assessments aligned with the mathematics curriculum.

4356. Science Methods: Science Methods: Middle School & Secondary Levels. 3(3-0)

Emphasizing effective integrated science teaching focusing on inquiry and other constructivist approaches. Aligned to state curriculum (TEKS) and elementary comprehensive TExES competencies. Field experience required.

4357. Math Methods: Middle & Secondary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing math in the middle and secondary levels; including methods of selecting and organizing math programs, the sequence of the content of the math curriculum, adapting and enriching math programs to meet the needs of all students, and creating assessments aligned with the math curriculum.

EDUCATION FIELD EXPERIENCE (EDFE)

Requirements for admission to the teacher education and student teaching program are set forth in the introduction to The School of Education and Kinesiology.

3100. Field Base Experience. **1(1-0)**
Requirement of two semesters of field experience (each consisting of 64 hours) while enrolled in departmentally approved field base courses. This lab course is designed to equip pre-service teacher candidates with classroom observation experiences in the field. This lab is taken in conjunction with designated field based courses in which students are provided specific assignments to complete during the classroom observation. The course must be successfully completed for two semesters prior to teaching. Prerequisite: Admission to the teacher preparation program.

4316. Elementary School Student Teaching/4323.Secondary School Student Teaching. **3(3-0)**
Students will demonstrate, in a laboratory setting, knowledge of and an ability to effectively apply those skills necessary for successful teaching in the elementary school. Student teaching is a full-time assignment (8 a.m. to 5 p.m.) for 16 weeks in an accredited elementary school. Student is to furnish transportation. Prerequisite: Admission to student teaching.

HEALTH (EDHL)

3331. Consumer Health. **3(3-0)**
An informed health consumer is one who purchases health products and services that are useful and beneficial. This consumer is also aware of consumer protection, product safety and services available if dissatisfied with a product or service.

3335. Drug Education. **3(3-0)**
Study of prescription and non-prescription drugs, their action in the body, their benefits and abuse potentials.

3381. Community Health. **3(3-0)**
Acquaints the student with all aspects of community and public health. Designed to prepare students for planning, implementation and evaluation of health education/health promotion programs in community, health care and worksite settings. Prerequisites: EDHL 1254, EDHL 1304, EDHL 2325.

3383. Women's Health. **3(3-0)**
Medical, historical, legal, environmental, sociological and psychological issues that affect women's health, both past and present. Prerequisite: EDHL 1254.

4342. Program Planning for Health Promotion. **3(3-0)**
Explore the demographics of the Kingsville area, identify a disease that is prevalent to a local population, assess the resources available, develop a health promotion program and implement the program at a local facility. Prerequisite: EDHL 3381, STAT 1342.

KINESIOLOGY (EDKN)

3311. Group Management in Physical Activities. **3(3-0)**
Theory and application of group management skills that are appropriate for physical activities. Effects of litigation, facilities, design, program, equipment, class scheduling and lesson planning on group management. Prerequisite: completion of 90 semester hours. Field Experience Required.

3315. Functional Anatomy. **3(3-0)**
This is a basic course in human anatomy. An in-depth study of the structure involved in human movement will be studied as well as the basic functions of these structures. Pre-requisite: Human Anatomy and Physiology I

3316. Medical Terminology **3(3-0)**
This course is designed to develop skills necessary to read and comprehend original research, medical reports, and health/fitness evaluations with regards to prefixes, suffixes and root words of medical terms.

3320. Motor Development/Motor Learning. **3(3-0)**
Physical factors that influence growth, maturation and aging; process underlying perceptual-motor performance and the interpretation and applications of motor research to human movement. Prerequisites: EDKN 1119, EDKN 1134, EDKN 2112, EDKN 2114 and EDKN aquatics.

- 3426. Basic Physiology of Exercise.** **3(3-0)**
 Physiology as applied to exercise and human performance. How the systems of the body respond to both acute and chronic exercise training. Includes required laboratory experiences. Prerequisite: BIOL 2401; credit or registration in BIOL 2402; junior standing.
- 3332. Program Development/Management in Fitness Industries.** **3(3-0)**
 Organizational development and management in corporate, commercial and institutional fitness industries. Prerequisites: EDKN 1300, EDKN 1301 and junior standing.
- 3445. Measurement and Evaluation in Kinesiology.** **3(3-0)**
 Use and function of the various tests in kinesiology, together with the purpose, scope and techniques of test construction will be analyzed. Sufficient statistical techniques necessary for adequate manipulation and interpretation will be reviewed. Required laboratory experiences. Prerequisites: EDKN 1300, EDKN 1301 or EDHL 1304, and MATH 1314.
- 3350. Kinesiology and Sport in Society.** **3(3-0)**
 Impact of kinesiology and sport on society and its institutions. Individual characteristics, motivation, psychological interventions and social processes that influence exercise and human performance behaviors. Prerequisites: EDKN 1300, EDKN 1301 and junior standing.
- 4316. Complex Psychomotor Skills for Children.** **3(3-0)**
 Developmental movement experiences for children; sport and health-related physical fitness activities, dance, lead up games, gymnastics, game analysis and evaluative criteria for movement skills. Completion of 90 semester hours. Field experience required
- 4417. Advanced Physiology of Exercise.** **3(3-0)**
 This course investigates the role of various physical environments, activity extremes, and disease status on the human response to physical activity. Additional emphasis is placed on the nutrient demands and role of supplements in human performance.
- 4324. Exercise in Chronic Disease and Disabilities.** **3(3-0)**
 Special exercise testing and exercise program design/implementation considerations for individuals with commonly seen chronic diseases and disabilities. Basic pathophysiology. Prerequisites: EDKN 3326 and senior standing.
- 4325. Biomechanics.** **3(3-0)**
 The study of the human body in its performance of movement and interrelationships of biomechanics, musculoskeletal anatomy and neuromuscular physiology. Prerequisites: BIOL 2401; junior standing.
- 4328. Internship I.** **3(3-0)**
 The student and the university supervisors will develop a contractual agreement which provides for a minimum of 120 clock hours of specific learning experiences on or off campus. Prerequisites: EDKN 3320, EDKN 4315, EDKN 4342 and senior standing.
- 4330. Research Projects in Kinesiology.** **3(3-0)**
 An independent review of literature and a laboratory or field problem yielding a formal report on the research. Variable credit dependent upon the project. May be repeated for a maximum of 6 semester hours. Prerequisite: advanced standing and prior approval of the problem by the supervising instructor.
- 4334. Research Project in Exercise Science.** **3(3-0)**
 An independent review of literature and a laboratory or field problem yielding a formal report on the research. Prerequisites: Kinesiology majors only, senior standing and prior approval of the problem by the supervising instructor.
- 4342. Motor Skills for Special Populations.** **3(3-0)**
 Practical considerations for conducting kinesiology programs for individuals of all ages with disabilities. Legal entitlements, integrating persons with disabilities, conducting individualized instruction, physical fitness programs and use of motor skills for transitional living. A minimum of 20 hours of field experiences required. Prerequisites: EDKN 3320 or junior standing.
- 4401. Exercise Testing and Prescription.** **4(4-0)**
 Design and implementation of exercise programs for healthy and special populations based upon appropriate screening and evaluation procedures. Laboratory required. Prerequisites: EDKN 3326, senior standing and 2.5 grade point average in kinesiology.

READING

The Reading program is designed to prepare future teachers in the curriculum and instruction in Language Arts. The program emphasizes utilizing data to identify strengths, modalities and other literacy needs. Additionally, early Foundations, multidisciplinary approaches, and assessment and remediation beliefs are showcased with intent to Understand one's teaching practice and literacy understanding.

READING (EDRG)

3314. Foundations of Literacy Instruction.

3(3-0)

This course offers an introduction to literacy development and effective reading instruction, specifically for emerging readers. Main components of this course include: oral language, phonological and phonemic awareness, word analysis and decoding. The key components of fluency, vocabulary and comprehension will also be addressed and strategies for developmentally appropriate instruction will be presented.

3355. Teaching Reading at the Secondary Level.

3(3-0)

This course focuses on the teaching of reading and writing within the content areas. Integrative curriculum and cross-discipline instruction is explained and special attention is paid to vocabulary and comprehension instruction particular to the content areas. Details pertaining to research, visual literacy and digital/critical literacy are explained.

3389. Teaching Reading in the Intermediate Grades and Middle School.

3(3-0)

Learning and instructional theory applied to reading instruction in grades 4-8. Fifty percent of course time will be spent in a public school setting. Prerequisite: admission to teacher education.

4307. Literacy Instruction Grades 4-8

3(3-0)

Strategies for teaching reading in the content areas with emphasis on the skills necessary for helping students increase their reading vocabulary and reading comprehension. Prerequisite: EDRG 3414 or EDRG 3389.

4314. Developmental Corrective Reading for Secondary School.

3(3-0)

The nature of the reading process, reading styles, comprehension instruction, vocabulary development, readability and lesson planning in the content areas. Prerequisite: 9 advanced hours of education or the equivalent.

4330. Reading Assessment and Remediation

3(3-0)

This capstone course focuses on multiple literacy assessments and their use in the classroom setting. Principles of assessment are discussed with a special focus concerning the use of assessment to guide instruction. Also included is differentiated instruction for special populations, language development and reading disabilities. Pre-requisite: EDRG 3314.

SPECIAL EDUCATION (EDSE)

3345. Survey of Exceptional Individuals.

3(3-0)

A survey of special education with attention devoted to mildly to moderately handicapped individuals in the socio-cultural context: family, community, educational and vocational. This is the first course in the special education sequence. Field Experience Required.

3346. Development of Exceptional Individuals.

3(3-0)

Emphasis is upon the growth and development of exceptional individuals, including comparisons of developmental milestones and the study of causes of behavior and recurring patterns of behavior. A minimum of 15 hours of field experience is included. Prerequisite: EDSE 3345.

- 3347. Behavior Management for Exceptional Individuals.** **3(3-0)**
Approaches to individual and group behavior change and behavior management with exceptional individuals. Includes the observation of exceptional individuals in varying settings. Includes a minimum of 15 hours of field experience. Prerequisite: EDSE 3345.
- 3348. Educational Procedures for Exceptional Students.** **3(3-0)**
Instructional models and strategies applicable to the educational needs of exceptional individuals. This is the last course in the special education sequence and includes a minimum of 30 hours of field-based instruction and practice. Prerequisite: EDSE 3345.
- 4345. Transitioning Strategies in Special Education.** **3(3-0)**
Methods and strategies applicable to the educational needs of secondary students with disabilities including post-secondary education, life skills, vocational preparation and transition planning. Prerequisite: EDSE 3345.
- 4346. Assessment of Exceptional Individuals.** **3(3-0)**
Formal and informal assessment procedures applicable to identification of and instructional planning for exceptional individuals. The theory and content of instruments used to identify, analyze and evaluate the strengths and learning needs of exceptional individuals are emphasized. A minimum of 15 hours of field experience is included. Prerequisite: EDSE 3345.
- 4347. Federal and State Regulations Concerning Exceptional Individuals.** **3(3-0)**
Principles and procedures designed to comply with the various rules and regulations concerning exceptional individuals. Prerequisite: EDSE 3345.
- 4348. Special Education Consultation.** **3(3-0)**
Consultation skills for effective collaboration with families and among professionals toward the goal of inclusion of students with exceptionalities in least restrictive environments. A minimum of 15 hours of field experience is required. Prerequisite: EDSE 3345.

**Bachelor of Science – Interdisciplinary Studies E.C. - 6th Generalist
2008-2010 Transfer Plan**

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030) ¹	Pick two. BIOL 1408, CHEM 1405, GEOL 1301 with 1101 or 1401, PHYS 1305 with 1110 or 1405	8 hours	
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, or MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOCI 1301, SOCI 1306	3 hours	
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, <u>EDUC 2301</u> , PHIL 1301	3 hours	
TAMU-SA Core Curriculum Hours		44 hours	

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to the Teaching Profession (must be taken for admission to the Division of Education & Kinesiology)	3 hours	
GEOG 1303	World Geography	3 hours	
Additional Science ¹	Two of the Natural Science courses not previously taken	8 hours	
MATH 1350 and 1351	Fundamentals of Mathematics I and II	6 hours	
KINE 1306	First Aid	3 hours	
HIST 2321	Development of World Civilization	3 hours	
Total Major Hours at AC or other college/university		26 hours	
Total Hours at AC or other college/university		70 hours	

MAJOR/MINOR/SUPPORT COURSES to be taken at TAMU-SA

EDED 3313	Child Development	3 hours	
EDRG 3314 FB	Foundations of Literacy Instruction	3 hours	
EDED 3316 FB	Soc Studies Elem School	3 hours	
EDED 3318	Principles of Learning	3 hours	
EDRG 3321	Literature for Public Schools	3 hours	
EDED 3344 FB	Assessment and Teaching Math	3 hours	
EDED 4318 FB	Academics, Creative, Play	3 hours	
EDED 3346 FB	Science Methods	3 hours	
EDRG 3344 FB	English Language Arts	3 hours	
HIST 4346	Texas History	3 hours	
EDRG 4307	Literature Instruction Grades 4-8	3 hours	
EDBL 4316	Literacy Development for English Lang. Learners	3 hours	
EDRG 4330 FB	Class Assessment and Remediation	3 hours	
EDSE 4358 FB	Behavior Management for Exceptional Individuals	3 hours	
EDSE 4391	Survey of Exceptional Individuals	3 hours	
EDED 4310	Technology	3 hours	
EDED 4320	Curriculum	3 hours	
EDED 4613	Student Teaching – Elementary/Bilingual	6 hours	
Total Major/Support Hours		57 hours	
Minimum Hours Required		127 hours	

Notes:

- The semester before you transfer to TAMU-SA, contact the Education Academic Advisor at 932-6247 to discuss your degree plan.
 - All courses to be taken at TAMU-SA are subject to change due to new state policies changing the EC-4 certification to EC-6 certification.
- ¹ Two Science courses are required for the Core Curriculum Component, and the other two are required to complete the degree program.
- ² FB denotes Field Base class (observation/teaching hours)

Bachelor of Science in Interdisciplinary Studies–English Language Arts/Reading Grades 4-8
2008-2010 Transfer Plan

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318 OR SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030) ¹	Pick two. BIOL 1408, CHEM 1405, GEOL 1401, PHYS 1305/1110	8 hours	
Literature (040) ²	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, or MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOCI 1301, SOCI 1306	3 hours	
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, <u>EDUC 2301</u> , GEOG 1303, HIST 2321, HIST 2322, or PHIL 1301	3 hours	
Total TAMU-SA Core Curriculum Hours		44 hours	

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to the Teaching Profession	3 hours	
Additional Science ¹	Two of the Natural Science courses not previously taken	8 hours	
MATH 1350 and MATH 1351	Fundamentals Mathematics I & II	6 hours	
Additional Literature ²	One Literature course not previously taken	3 hours	
COMM 2311	News Gathering and Writing I	3 hours	

<i>Total Major Hours at AC or other college/university</i>	<i>23 hours</i>
<i>Total Hours at AC or other college/university</i>	<i>67 hours</i>

MAJOR COURSES to be taken at TAMU-SA

EDRG 3344	English Language Arts	3 hours	
EDRG 3321	Literature Public Schools	3 hours	
EDSE 4391	Survey of Exceptional Individuals	3 hours	
EDED 3302	Dev/Behav Child and Adolescent	3 hours	
EDSE 4358	Behav Mgmt Except. Students	3 hours	
EDED 3333	Mang/Organiz Middle School	3 hours	
EDED 3332	Curric/Materials Dev/Planning	3 hours	
EDED 4310	Technology	3 hours	
EDED 4613	Student Teaching – Elem/Bilingual	6 hours	
ENGL 3300	Special Topics in Writing	3 hours	
ENGL 4311	English Grammar and Usage	3 hours	
ENGL 4343/4346	19 th Century British Lit or 20 th Century British Literature	3 hours	
ENGL 4365/4366	Colonial & 19 th Century American Lit or 20 th Century American Literature	3 hours	
ENGL 4390	Explorations in English	3 hours	
COMS 3304	Advanced Oral Interpretation	3 hours	
EDRG 4307	Lit Instruction Grades 4-8	3 hours	
EDRG 4314	Develp Correction Rdg for Secondary Sch	3 hours	
EDRG 4330	Class Assessment/Remediation	3 hours	
<i>Total Major Support Hours</i>		<i>57 hours</i>	
<i>Minimum Hours Required</i>		<i>124 hours</i>	

Notes:

- The semester before you transfer to TAMU-SA, contact the Education Advisor at 210-932-6247 to discuss your degree plan.
- All courses to be taken at TAMU-SA are subject to change due to the new state policies changing the EC-4 certification to EC-6 certification.

¹ Two Science courses are required for the Core Curriculum Component and the other two are required to complete the degree program.

² One Literature course is required for the Core Curriculum Component and the other one is required to complete the degree program.

**Bachelor of Science in Interdisciplinary Studies
Transfer Plan MATH 4-8
2008-2010**

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030)	Pick two. BIOL 1408, CHEM 1405, GEOL 1401, PHYS 1305/1110	8 hours	
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, or MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOC 1301, SOCI 1306	3 hours	
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, <u>EDUC 2301</u> , GEOG 1303, HIST 2321, HIST 2322, or PHIL 1301	3 hours	
Total TAMU-SA Core Curriculum Hours		44 hours	

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to Teaching as a Profession	3 hours	
MATH 1316	Trigonometry	3 hours	
MATH 1348	Analytic Geometry	3 hours	
MATH 1350 and 1351	Fundamentals Mathematics I & II	6 hours	
MATH 2413	Calculus	4 hours	
MATH 1442	Elementary Statistics	3 hours	
SUPPORT AREA- LOWER	Any 2 courses-same discipline	6 hours	
ADDITIONAL SCIENCE	Two of the Natural Science courses not previously taken	8 hours	
Total Major Hours at AC or other college/university		36 hours	
Total Hours at AC or other college/university		80 hours	

MAJOR/MINOR/ COURSES to be taken at TAMU-SA

EDED 3302	Dev/Behav Child&Adolescent	3 hours	
EDED 3332	Curric/Materials Dev/Planning	3 hours	
EDED 3333	Manage/Organiz. Middle Sch	3 hours	
EDED 3344	Assess/Teaching Mathematics	3 hours	
EDED 4310	Technology	3 hours	
EDSE 4358	Behav Mgmt Except. Students	3 hours	
EDSE 4391	Survey Exceptional	3 hours	
EDED 4613	Student Teaching-4-8	6 hours	
EDRG 4307	Lit/ Instruction Gr 4-8	3 hours	
MATH 3325	Intro to Mathematical Proofs	3 hours	
MATH 3340/4341	Linear Algebra	3 hours	
MATH 3360	Modern Geometry	3 hours	
STAT 3***/4***	Advanced	3 hours	
SUPPORT AREA-UPPER	Any Course-same as support area-lower	3 hours	
Total Major/Hours		45 hours	
Minimum Hours Required		125 hours	

Notes:

- The semester before you transfer to TAMU-SA, contact the Education Advisor at 932-6247 to discuss your degree plan.

**Bachelor of Science in Interdisciplinary Studies
Transfer Plan SCIENCE 4-8
2008-2010**

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030)	BIOL 1406 and BIOL 1407	8 hours	
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, and MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOCI 1301, SOCI 1306	3 hours	
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, EDUC 2301 , GEOG 1303, HIST 2321, HIST 2322, PHIL 1301	3 hours	
Total TAMU-SA Core Curriculum Hours 44 hours			

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to Teaching as a Profession	3 hours	
PHYS 1305 and 1307 _{w/labs} (or PHYS 1405 and 1407)	Introductory Physics I&II <u>with labs</u>	8 hours	
GEOL 1403	Physical Geology	4 hours	
CHEM 1311 with 1111	General Chemistry with Lab	4 hours	
CHEM 1312 with 1112	General Chemistry II with Lab	4 hours	
GEOG 1301	Physical Geography	3 hours	
GEOL 1301 with Lab (or GEOL 1401)	Earth Science I	4 hours	
MATH 1350 and 1351	Fundamentals of Math I & II	6 hours	
Total Major Hours at AC or other college/university		36 hours	
Total Hours at AC or other college/university		80 hours	

MAJOR/MINOR/ COURSES to be taken at TAMU-SA

EDED 3302	Dev/ Behav Child & Adolescent	3 hours	
EDED 3332	Curric/ Materials Dev/ Planning	3 hours	
EDED 3333	Manage/ Organiz. Middle School	3 hours	
EDED 3344	Assessment and Teaching of Math	3 hours	
EDSE 4358	Behav Mgmt Except. Students	3 hours	
EDSE 4391	Survey Exceptional Individuals	3 hours	
EDED 4613	Student Teaching	6 hours	
EDRG 4307	Literacy Instruction Gr 4-8	3 hours	
EDRG 4314	Dev Cor Reading for Sec School	3 hours	
EDED 4310	Technology	3 hours	
ADVANCED SCIENCE		4 hours	
ADVANCED SCIENCE		4 hours	
ADVANCED SCIENCE		4 hours	
ADVANCED SCIENCE		3 hours	
Total Major/Hours		48 hours	
Minimum Hours Required		128 hours	

Notes:

- The semester before you transfer to TAMU-SA, contact the Education Advisor at 932-6247 to discuss your degree plan.

**Bachelor of Science in Interdisciplinary Studies
Transfer Plan Social Studies 4-8
2008-2010**

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030)	PHYS 1405 and CHEM 1405	8 hours	
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, or MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOCI 1301, SOCI 1306	3 hours	
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, EDUC 2301 , PHIL 1301	3 hours	
Total TAMU-SA Core Curriculum Hours		44 hours	

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to Teaching as a Profession	3 hours	
GEOG 1301	Physical Geography: Meteorology	4 hours	
GEOG 1302	Physical Geography: Climate & Mankind	4 hours	
MATH 1350 and 1351	Fundamentals of Math I & II	6 hours	
ECON 2301	Prin of Economics I	3 hours	
ECON 2302	Prin of Economics II	3 hours	
GEOG 1303	World Geography	3 hours	
HIST 2321	Dev of World Civ	3 hours	
HIST 2322	Dev of World Civ	3 hours	
Total Major Hours at AC or other college/university		32 hours	
Total Hours at AC or other college/university		76 hours	

MAJOR/MINOR/ COURSES to be taken at TAMU-SA

EDED 3302	Dev/ Behav Child & Adolescent	3 hours	
EDED 3332	Curric/ Materials Dev/ Planning	3 hours	
EDED 3333	Manage/ Organiz. Middle School	3 hours	
EDED 3316	Teach Social Studies in Elem School	3 hours	
EDSE 4358	Behav Mgmt Except. Students	3 hours	
EDSE 4391	Survey Exceptional Individuals	3 hours	
EDED 4613	Student Teaching	6 hours	
EDRG 4307	Lit Instruction Gr 4-8	3 hours	
EDED 4310	Technology	3 hours	
HIST 4334	Civil War and Reconstruction	3 hours	
HIST 4336/4338	American Rise World Power/ US 1945	3 hours	
HIST 4344/4332	American Frontier/ American Controv	3 hours	
HIST 4346	Texas History	3 hours	
POLS 4324/HIST 3324/ SOCI 4324	Technology and Society	3 hours	
POLS 4331/4332	Constitutional Law I or II	3 hours	
Total Major/Hours		48 hours	
Minimum Hours Required		124 hours	

Notes:

- The semester before you transfer to TAMU-SA, contact the Education Advisor at 932-6247 to discuss your degree plan.

**Bachelor of Science in Interdisciplinary Studies
Transfer Plan English Language Arts/ Reading Grades 8 – 12
2008-2010**

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030)	Pick two. BIOL 1406, BIOL 1407, BIOL 1411, BIOL 1413, BIOL 2301/2106, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2416, BIOL 2420, BIOL 2421, CHEM 1311/1111, CHEM 1312/1112, GEOL 1401, GEOL 1402, GEOL 1403, GEOL 1404, GEOL 1446, PHYS 1401, PHYS 1402, PHYS 1405, PHYS 1407, PHYS 2425, PHYS 2426	8 hours	
Literature (040)	ENGL 2322	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, or MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOCI 1301, SOCI 1306	3 hours	
Global Learning (090)	ANTH 2301, ANTH 2302, EDUC 2301 , GEOG 1303, HIST 2321, HIST 2322, or PHIL 1301	3 hours	
Total TAMU-SA Core Curriculum Hours		44 hours	

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to Teaching as a Profession	3 hours	
ENGL 2362	ENGL 2323	3 hours	
COMM 1307; COMM 2309; COMM 2311; COMS 1144/COMJ 2129; Labs**	Pick two. Introduction to Mass Media; Editing; News Writing; Forensic Lab; Publications Lab	6 hours	
Total Major Hours at AC or other college/university		12 hours	
Total Hours at AC or other college/university		56 hours	

MAJOR/MINOR/ COURSES to be taken at TAMU-SA

EDED 3302	Dev/ Behav Child & Adolescent	3 hours	
EDED 3332	Curric/ Materials Dev/ Planning	3 hours	
EDED 3333	Manage/ Organiz. Middle School	3 hours	
EDED 3310	Instructional Design Secondary Schools	3 hours	
EDED 3362	Inst Methods/Strat Sec Schools	3 hours	
EDSE 4391	Survey Exceptional Individuals	3 hours	
EDED 4623	Student Teaching	6 hours	
EDED 4310	Technology	3 hours	
EDRG 4307	Literacy Instruction Gr 4 - 8	3 hours	
EDRG 3321	Lit for Public Schools	3 hours	
EDRG 3344	English Language Arts	3 hours	
EDRG 4314	Dev Correct Read Sec Schools	3 hours	
EDRG 4330	Class Assessment and Remediation	3 hours	
ENGL 4311	English Grammar and Usage	3 hours	
ENGL 4331	Major Plays of Shakespeare	3 hours	
ENGL 4390	Explorations in English	3 hours	
Pick One: ENGL 4322; ENGL 4325; ENGL 4327;ENGL 4341; ENLG 4343;ENGL 4346 ENGL Lit Adv (advisor apprvd Brit Lit)	British Lit of Middle Ages; Lit of British Renaissance; Rest & 18 th Century British Lit; Studies in British Novels; 19 th Century British Lit; 20 th Century British Lit	3 hours	
Pick Two: ENGL 4361; ENGL 4365; ENGL 4366; ENG Lit Adv (advisor approved Am Lit)	Studies in American Novel; Colonial & 19 th Century Am Lit; 20 th Century American Lit	6 hours	
Pick Two: COMJ 3304; COMJ 4302 COMM 3308; COMS 3304*; COMS 3331; COMM/COMJ/COMS: Adv Approved Upper Div	Feature & Special Articles; Editorial Writing; Radio, TV News, Script Writing; Adv Oral Interpretation; Persuasive Communication	6 hours	
Total Major/Hours		66 hours	
Minimum Hours Required		122 hours	

Notes:

- The semester before you transfer to TAMU-SA, contact the Education Advisor at 932-6247 to discuss your degree plan.
- **May be repeated to reach a total of 3 hours.
- *This course has a prerequisite of COMS 3331.

**Bachelor of Science in Interdisciplinary Studies
Transfer Plan SCIENCE 8-12
2008-2010**

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030)	BIOL 1406 and BIOL 1407	8 hours	
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, and MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOCI 1301, SOCI 1306	3 hours	
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, <u>EDUC 2301</u> , GEOG 1303, HIST 2321, HIST 2322, PHIL 2301	3 hours	
Total TAMU-SA Core Curriculum Hours		44 hours	

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to Teaching as a Profession	3 hours	
PHYS 1401 & 1402	College Physics I & II with Labs	8 hours	
CHEM 1311 with 1111	General Chemistry with Lab	4 hours	
CHEM 1312 with 1112	General Chemistry II with Lab	4 hours	
GEOL 1301 & 1302 with Labs (or GEOL 1401, 1402)	Earth Science I and II with Labs	8 hours	
PHYS 1304/1104 or 1404 or ASTR 1404	The Solar System	4 hours	
MATH 1316	Trigonometry	3 hours	
Total Major Hours at AC or other college/university		34 hours	
Total Hours at AC or other college/university		78 hours	

MAJOR/MINOR/ COURSES to be taken at TAMU-SA

EDED 3302	Dev/ Behav Child & Adolescent	3 hours	
EDED 3332	Curric/ Materials Dev/ Planning	3 hours	
EDED 3333	Manage/ Organiz. Middle School	3 hours	
EDED 3362	Inst meth/Strats for Secondary Schools	3 hours	
EDED 3310	Instructional Design Secondary Schools	3 hours	
EDSE 4391	Survey Exceptional Individuals	3 hours	
EDED 4623	Student Teaching	6 hours	
EDRG 4314	Devel Corrective Reading Sec Schools	3 hours	
EDED 4310	Technology	3 hours	
Pick one: BIOL 3407 or CHEM 3451	Ecology or Environmental Chemistry	4 hours	
CHEM 3323 and 3123	Organic Chemistry I and Lab	4 hours	
GEOG 3305	Environmental Geography	3 hours	
BIOLOGY SCIENCE, ADVANCED		4 hours	
ADVANCED SCIENCE		4 hours	
Total Major/Hours		49 hours	
Minimum Hours Required		127 hours	

Notes:

- The semester before you transfer to TAMU-SA, contact the Education Advisor at 932-6247 to discuss your degree plan.

**Bachelor of Science in Interdisciplinary Studies – Special Education EC-12
2008-2010 Transfer Plan**

CORE CURRICULUM

Communications (010) English	ENGL 1301 and ENGL 1302	6 hours	
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318 OR SPCH 1321	3 hours	
Mathematics (020)	MATH 1314	3 hours	
Natural Science (030)	Pick two. BIOL 1406, BIOL 1407, BIOL 1411, BIOL 1413, BIOL 2301/2106, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2416, BIOL 2420, BIOL 2421, CHEM 1311/1111, CHEM 1312/1112, GEOL 1401, GEOL 1402, GEOL 1403, GEOL 1404, GEOL 1446, PHYS 1401, PHYS 1402, PHYS 1405, PHYS 1407, PHYS 2425, PHYS 2426	8 hours	
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours	
Visual/Performing Arts (050)	Pick one. ARTS 1301, ARTS 1303, ARTS 1304, DRAM 1310, or MUSI 1306	3 hours	
US History (060)	HIST 1301 and HIST 1302	6 hours	
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours	
Social & Behavioral Sciences (080)	Pick one. ECON 2301, ECON 2302, GOVT 2304, PSYC 2301, SOCI 1301, SOCI 1306	3 hours	
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, <u>EDUC 2301</u> , HIST 22321, HIST 2322, PHIL 1301	3 hours	
Total TAMU-SA Core Curriculum Hours		44 hours	

MAJOR COURSES to be taken at AC or other transfer college/university

EDUC 1301	Intro to the Teaching Profession	3 hours	
KINE 1306 or EDKN 2326	First Aid	3 hours	
MATH 1350 and MATH 1351	Fundamentals Mathematics I & II	6 hours	
Choose 1 from the following:	SOCW 2361, PSYC 2308, CSDO 2325, TECA 1354, HSCI 2320 or EDEC 3324	3 hours	
<i>Total Major Hours at AC or other college/university</i>		<i>15 hours</i>	
<i>Total Hours at AC or other college/university</i>		<i>59 hours</i>	

MAJOR/MINOR COURSES to be taken at TAMU-SA

EDRG 3321	Literature for Public Schools	3 hours	
EDRG 3344	English Language Arts	3 hours	
EDBL 4316	Language Development Process	3 hours	
EDED 3302	Dev & Behav Child & Adol	3 hours	
EDED 3332	Curriculum	3 hours	
EDED 3333	Class Mgmt & Org Mid Sch	3 hours	
EDED 3344	Assess/Teaching Mathematics	3 hours	
EDSE 4352	Educational Proced Except Stud	3 hours	
EDSE 4358	Behavior Management	3 hours	
EDED 4613	Student Teaching – Elem	3 hours	
EDED 4623	Student Teaching – Sec	3 hours	
EDRG 3314	Foundation of Literacy Instruction	3 hours	
EDRG 4307	Lit/Instruction Gr 4-8	3 hours	
EDRG 4314	Develp Correct Rdg for Sec Sch	3 hours	
EDRG 4330	Class Assess/Remed	3 hours	
EDSE 4350	Assessment of Exceptional Students	3 hours	
EDSE 4353	Transitioning Strategies in Sp. Ed.	3 hours	
EDSE 4357	Federal and State Regulations	3 hours	
EDSE 4383	Development/Exceptional Individuals	3 hours	
EDSE 4385	Special Education Consultation	3 hours	
EDSE 4391	Survey of Exceptional Individuals	3 hours	
EDED 4310	Technology	3 hours	
<i>Total Major Support Hours</i>		<i>66 hours</i>	
<i>Minimum Hours Required</i>		<i>125 hours</i>	

Notes:

- The semester before you transfer to TAMU-SA, contact the Arts & Sciences Advisor at 932-6247 to discuss your degree plan.

**Bachelor of Science – Kinesiology
EC-12
Transfer Plan**

Communications (10) English	ENGL 1301 and ENGL 1302	6 hours
Communications (11) Speech	Pick one. SPCH 1311, SPCH 1315	3 hours
Mathematics (20)	MATH 1314 OR MATH 1414	3 hours
Natural Science (30)	BIOL 2401 and BIOL 2402 <i>are prerequisites for EDKN 3326 and EDKN 4325</i>	8 hours
Humanities (40)	Pick one. ENGL 2375, HUMA 2319, 2323, 1305, HIST 2321, 2322	3 hours
Visual/Performing Arts (50)	Pick one. ARTS 1303, DRAM 1310, HUMA 1315, MUSI 1306	3 hours
US History (60)	HIST 1301 and HIST 1302	6 hours
Political Science (70)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours
Social & Behavioral Sciences (80)	Pick one. PSCY 2301, 2302, 2308	3 hours
Institutionally Designated Option (90)	KINE 1238 “Concepts of Fitness and Wellness” <i>is a required course at TAMU-SA.</i> KINE 1338 will be the recommended course at Northwest Vista.	2 hours
	TAMU-SA Core Curriculum Hours	43 hours

MAJOR COURSES to be taken at ACC or other transfer college/university **Cr Hrs.**

Introduction to the Teaching Profession	EDUC 1301	3 hours
Special Populations	EDUC 2301	3 hours
Aquatics*	Pick one. KINE 1154, 2154	1 hour
Beginning Rhythmic Activities*	Pick one. KINE 1160, 1161, 1162, 1163, 1167, 1168, 1169, 1170, 1172, 1173, DANC 1141, 1147, 1151, 1152	1 hour
Foundations of Kinesiology	KINE 1301	3 hours
Intramurals & Officiating*	Pick one. KINE 1308 (St. Philips, SAC, Northeast Lakeview), KINE 1304 (Palo Alto), 1322 (Northwest Vista)	3 hours
First Aid	KINE 1306	3 hours

Lifelong Activities*	Pick one. KINE 1101, 1102, 1103, 1104, 1105, 1106, 1110, 1115, 1120, 1121, 1122, 1123, 1125, 1126, 1127, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1140, 1150, 1156, 1176, 1177, 1178, 1180, 1182, 1184	1 hour
Ind/Dual Sports*	Pick one. PAC and Northwest Vista: KINE? 2147 OR 2148 SAC, Northeast Lakeview, and St. Philips: KINE 1179	1 hour
Team Sports*	Pick one. PAC: KINE 2149 Northwest Vista, SAC, Northeast Lakeview, and St. Philips: KINE 1111 OR 2115	1 hour
	TAMU-SA Major Transfer Hours	20 hours

MAJOR COURSES to be taken at TAMU-SA

Cr Hrs.

Motor Development/ Motor Learning	EDKN 3320	3 hours
Basic Physiology of Exercise	EDKN 3326	3 hours
Program Dev/Mgt Fitness Industries	EDKN 3332	3 hours
Measurement/Evaluation in Kinesiology	EDKN 3345	3 hours
Kinesiology & Sport in Society	EDKN 3350	3 hours
Complex Psychomotor Skills Children	EDKN 4315	3 hours
Biomechanics	EDKN 4325	3 hours
Motor Skills Special Populations	EDKN 4342	3 hours
	TAMU-SA Major Hours	24 hours

SUPPORT COURSES

Cr Hrs.

12 hours may be taken at TAMU-SA OR Transfer Institution	
6 hours <i>must</i> be taken at TAMU-SA	
	18 hours

PROFESSIONAL EDUCATION COURSES: --“C” or higher required in these courses.--Admission to the Teacher Ed Program required to enroll in these courses.		Cr Hrs.
* denotes field base course		
* Devel & Behavior of the Adolescent	EDED 3302	3 hours
Intro Instructional Design	EDED 3310	3 hours
* Classroom Mgt & Organization	EDED 3333	3 hours
Group Management in Phys Activities	EDED 3341	3 hours
* Instructional Meth & Strategies in Secondary Schools	EDED 3362	3 hours
Development Corrective Read for Sec Schools	EDRG 4314	3 hours
Student Teaching	EDED 4623	6 hours
		24 hours

	<i>Core Curriculum Hours</i>	<i>43 hours</i>
	<i>TAMU-SA Major Transfer Hours</i>	<i>20 hours</i>
	<i>TAMU-SA Major Hours</i>	<i>24 hours</i>
	<i>TAMU-SA Support Hours</i>	<i>18 hours</i>
	<i>TAMU-SA Professional Education Courses</i>	<i>24 hours</i>
	<i>Total Hours</i>	<i>129 hours</i>
	<i>Minimum Hours Required</i>	<i>129 hours</i>

**Bachelor of Science – Kinesiology
Exercise Science
Transfer Plan**

CORE CURRICULUM to be taken at ACC or other transfer college/university		Cr Hrs.
Communications (010) English	ENGL 1301 and ENGL 1302	6 hours
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours
Mathematics (020)	MATH 1314	3 hours
Natural Science (030) ¹	BIOL 2401 and BIOL 2402	8 hours
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours
Visual/Performing Arts (050)	Pick one. ARTS 1301, DRAM 1310, MUSI 1306	3 hours
US History (060)	HIST 1301 and HIST 1302	6 hours
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours
Social & Behavioral Sciences (080)	PSYC 2301	3 hours
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, EDUC 2301, PHIL 1301, GEOG 1302, GEOG 2312, ECON 1301, ECON 1303, ECON 2301, ECON 2302, ECON 2311, BIOL 2306, HUMA 1301, HUMA 1302, HIST 2321, HIST 2322, ENGL 2332, ENGL 2333	3 hours
TAMU-SA Core Curriculum Hours		44 hours

MAJOR COURSES to be taken at ACC or other transfer college/university		Cr Hrs.
Aquatics	Pick one. KINE 1130, 1131, 1154, 1173, 1174, 2154	1 hour
Fitness Activity	Pick three. KINE 1101, 1102, 1103, 1104, 1106, 1108, 1109, 1114, 1116, 1119, 1126, 1131, 1134, 1136, 1140, 1146, 1150, 1154, 1156, 1176, 1177, 1178, 1179, 1180, 1183, 1184, 1194, 1196, 1198, 2101, 2103, 2136, 2156, 2178, 2179, 2180, 2182, 2184	3 hours
Contemporary Wellness	Pick one. KINE 1238, 1338	2 hours
Foundations of Kinesiology	KINE 1301	3 hours
First Aid	KINE 1306	3 hours
Health Promotion	KINE 1304	3 hours
Introductory Nutrition	BIOL 1322	3 hours
TAMU-SA Major Transfer Hours		18 hours

MAJOR COURSES to be taken at TAMU-SA		Cr Hrs.
Motor Development /Motor Learning	EDKN 3320	3 hours
Basic Physiology of Exercise	EDKN 3326	3 hours
Program Dev/Mgt Fitness Industries	EDKN 3332	3 hours
Measurement/Evaluation in Kinesiology	EDKN 3345	3 hours
Kinesiology & Sport in Society	EDKN 3350	3 hours
Exercise & Chronic Disease/Disability	EDKN 4324	3 hours
Biomechanics	EDKN 4325	3 hours
Internship I	EDKN 4328	3 hours
Seminar in Exercise Science	EDKN 4329	3 hours
Research Project in Exercise Science	EDKN 4334	3 hours
Motor Skills Special Populations	EDKN 4342	3 hours
Healthy Aging	EDKN 4344	3 hours
Exercise Testing & Prescription	EDKN 4401	4 hours

	<i>TAMU-SA Major Hours</i>	<i>40 hours</i>
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SUPPORT COURSES		Cr Hrs.
12 hours may be taken at TAMU-SA OR Transfer Institution		
6 hours <i>must</i> be taken at TAMU-SA		
		<i>18 hours</i>

	<i>Core Curriculum Hours</i>	<i>44 hours</i>
	<i>TAMU-SA Major Transfer Hours</i>	<i>18 hours</i>
	<i>TAMU-SA Major Hours</i>	<i>40 hours</i>
	<i>TAMU-SA Support Hours</i>	<i>18 hours</i>
	<i>Total Hours</i>	<i>120 hours</i>
	<i>Minimum Hours Required</i>	<i>120 hours</i>

**Bachelor of Science – Kinesiology
Exercise Science- Pre PT
Transfer Plan**

CORE CURRICULUM to be taken at ACC or other transfer college/university		Cr Hrs.
Communications (010) English	ENGL 1301 and ENGL 1302	6 hours
Communications (011) Speech	Pick one. SPCH 1311, SPCH 1315, SPCH 1318, SPCH 1321	3 hours
Mathematics (020)	MATH 1314	3 hours
Natural Science (030)	CHEM 1311/1111 and CHEM 1312/1112 OR CHEM 1411 and CHEM 1412	8 hours
Literature (040)	Pick one. ENGL 2322, ENGL 2323, ENGL 2332, ENGL 2333, ENGL 2341	3 hours
Visual/Performing Arts (050)	Pick one. ARTS 1301, DRAM 1310, MUSI 1306	3 hours
US History (060)	HIST 1301 and HIST 1302	6 hours
Political Science (070)	GOVT 2301 and GOVT 2302 OR GOVT 2305 and GOVT 2306	6 hours
Social & Behavioral Sciences (080)	SOCI 1301	3 hours
Global Learning (090)	Pick one. ANTH 2301, ANTH 2302, EDUC 2301, PHIL 1301, GEOG 1302, GEOG 2312, ECON 1301, ECON 1303, ECON 2301, ECON 2302, ECON 2311, BIOL 2306, HUMA 1301, HUMA 1302, HIST 2321, HIST 2322, ENGL 2332, ENGL 2333	3 hours
TAMU-SA Core Curriculum Hours		44 hours

MAJOR COURSES to be taken at ACC or other transfer college/university		Cr Hrs.
Contemporary Wellness	Pick one. KINE 1238, 1338	2 hours
Foundations of Kinesiology	KINE 1301	3 hours
First Aid	KINE 1306	3 hours
Health Promotion	KINE 1304	3 hours
Introductory Nutrition	BIOL 1322	3 hours
General Psychology	PSYC 2301	3 hours
TAMU-SA Major Transfer Hours		17 hours

MAJOR COURSES to be taken at TAMU-SA		Cr Hrs.
Statistics for Behavioral Sciences/ Biometrics	PSYC 3381, SOCI 3381, OR STAT 4301	3 hours
Motor Development/ Motor Learning	EDKN 3320	3 hours
Basic Physiology of Exercise	EDKN 3326	3 hours
Program Dev/Mgt Fitness Industries	EDKN 3332	3 hours
Measurement/Evaluation in Kinesiology	EDKN 3345	3 hours
Exercise & Chronic Disease/Disability	EDKN 4324	3 hours
Biomechanics	EDKN 4325	3 hours
Internship I	EDKN 4328	3 hours
Seminar in Exercise Science	EDKN 4329	3 hours
Research Project in Exercise Science	EDKN 4334	3 hours
Motor Skills Special Populations	EDKN 4342	3 hours
Healthy Aging	EDKN 4344	3 hours
Exercise Testing & Prescription	EDKN 4401	4 hours
	TAMU-SA Major Hours	40 hours

SUPPORT COURSES: 6 hours <i>must</i> be taken at TAMU-SA		Cr Hrs.
12 hours may be taken at TAMU-SA OR Transfer Institution		
Human Anatomy & Physiology I	BIOL 2401 <i>are prerequisites for EDKN 3326 and EDKN 4325</i>	4 hours
Human Anatomy & Physiology II	BIOL 2402 <i>are prerequisites for EDKN 3326 and EDKN 4325</i>	4 hours
Biology for Science Majors I	BIOL 1406	4 hours
Biology for Science Majors II	BIOL 1407	4 hours
BIOL Elective		3 hours
		19 hours

OTHER COURSES: --The following courses are not required for the degree but are either required (noted with *) or recommended (noted with **) for admission to most physical therapy programs.		Cr Hrs.
Hours may be taken at TAMU-SA OR Transfer Institution		
*College Physics I / Lab	PHYS 1301/1101	
*College Physics II / Lab	PHYS 1302/1102	
*Trigonometry	MATH 1316	
**Computer Literacy	EDED 2301	
**Technical Writing	ENG 2314	
**Child Psychology	PSYC 2308	
		--- hours

	<i>Core Curriculum Hours</i>	<i>44 hours</i>
	<i>TAMU-SA Major Transfer Hours</i>	<i>17 hours</i>
	<i>TAMU-SA Major Hours</i>	<i>40 hours</i>
	<i>TAMU-SA Support Hours</i>	<i>19 hours</i>
	<i>Total Hours</i>	<i>120 hours</i>
	<i>Minimum Hours Required</i>	<i>120 hours</i>

FACULTY

- Abreo, Rosa Maria, Assistant Professor of Curriculum and Instruction; B.A., Our Lady of the Lake University; M.Ed., Southern Methodist University; Ph.D., The University of Texas at Austin.
- Allen, Mishaleen E., Assistant Professor of Special Education; B.S., M.S., M.Ed., Ph.D., Texas Woman's University.
- Bliss, Ann V., Assistant Professor of English; B.A., The University of California, Berkeley; M.A., California State University, East Bay; Ph.D., The University of California, Davis.
- Barker, Kimberly, Assistant Professor of Curriculum and Instruction; B.S., Baylor University; B.A., M.A., Ed.D., University of Texas at San Antonio.
- Blackburn-Harris, Shelley, Assistant Professor of Curriculum and Instruction; B.A., M.Ed., University of Texas at Arlington; Ed.D., University of North Texas.
- Bohmann, Amy Kristine, Assistant Professor of Psychology; B.A., Texas Lutheran University; M.A., Ph.D., Texas Tech University.
- Bossey, Consuelo, Associate Professional Track in Curriculum and Instruction; B.A., Transylvania College; M.Ed., Ed.D., Texas A&M University-Commerce.
- Brantley, Brian C., Assistant Professor of Communications; B.A., M.A., University of Houston; Ph.D., University of Alabama.
- Brezinski, Heather Renee, Lecturer in Curriculum and Instruction; B.A., University of Northern Iowa; M.Ed., Arizona State University.
- Brown, Rebecca Ayesha, Assistant Professor of English; B.A., University of Washington; M.A., Western Washington University; Ph.D., University of Florida.
- Bush, William Sebastian, Assistant Professor of History; B.A., University of New Orleans; M.A., University of Nevada, Las Vegas; Ph.D., The University of Texas at Austin.
- Chapman-Vasill, Beth L., Lecturer in Accounting; B.B.A., M.B.A., Texas State University.
- Coleman, Richard Wayne, Professor of Marketing; B.S., University of Southern Mississippi; M.I.M., American Graduate School of International Management; D.B.A., Louisiana Tech University.
- Coulton, Gary F., Associate Professor of Psychology and Director of Graduate Studies; B.A., University of New Mexico; M.A., Trinity University; Ph.D., Auburn University.
- Elam, Dennis Lee, Assistant Professor of Accounting; B.B.A., M.B.A., Ph.D., The University of Texas at Austin.
- Frantzen, Durant, Assistant Professor of Criminology; B.S., M.S.C.J., Texas State University; Ph.D., Sam Houston State University.
- Garcia, Nancy C., Assistant Professor of Curriculum and Instruction; B.A., Texas State University; M.Ed., University of Texas at Brownsville; Ed.D., Texas A&M University-Kingsville.
- Garcia Jr., Remigio Lauro, Lecturer in Curriculum and Instruction; B.M., M.Ed., Texas State University; Ph.D., The University of Texas at Austin.
- Garcia, Samuel, Department Chair of Curriculum and Instruction; B.S., The University of Texas at Austin; M.Ed., Texas State University; Ed.D., Texas A&M University-Kingsville.
- Geneser, Pamela Vivien, Assistant Professor of Curriculum and Instruction; B.A., M.A., Ph.D., The University of Texas at Austin.
- Glaser, Daniel A., Assistant Professor of Management; B.M., East Texas State University; M.B.A., Ph.D., University of North Texas.
- Green, Carolyn Wilson, Associate Professor of Computer Information Systems and Interim Provost and Vice President for Academic Affairs; B.A., Ph.D., University of Houston.
- Green II, Richard, Assistant Professor of Accounting; B.S., Southwest Missouri State College; M.P.A., University of Missouri; Ph.D., St. Louis University.
- Guardia, Adrian B., Lecturer in Management and Marketing; B.B.A., St. Mary's University; M.B.A., Ph.D., Our Lady of the Lake University.
- Hackard, James Clifford, Assistant Professor of Finance; B.A., B.B.A., The University of Texas at Austin; M.B.A., University of Texas at San Antonio.
- Harun, Syed, Associate Professor of Economics and Finance; B.S., University of Dhaka (Bangladesh); M.A., Ph.D., University of New Orleans.

Herrington, David Earl, Associate Professor of Educational Leadership; B.S., Abilene Christian University; M.Ed., Sul Ross State University; Ph.D., Texas A&M University.

Hewitt, Barbara A., Assistant Professor of Computer Information Systems; B.S., University of Texas at San Antonio; M.B.A., Texas State University.

Holmes, Patricia, Associate Professor of Kinesiology; B.S., Missouri Southern State College; M.S., Pittsburg State University; Ph.D., Texas Woman's University.

Horne, Susan E., Visiting Assistant Professor in Management; B.S., University of Massachusetts; M.B.A., Babson College.

Hurley, Tracy A., Associate Professor of Management and Division Head for Business, Arts & Sciences; B.B.A., M.B.A., Ph.D., University of Houston.

Huson, Mark Leslie, Assistant Professor in Computer Information Systems; B.S., University of Tulsa; M.S., University of Southern California; M.S., Air Force Institute of Technology; Ph.D., Arizona State University.

Jenkins, Richard Arthur, Lecturer in Business Communication; B.A., Texas A&M University; M.A., University of Texas at San Antonio.

Jurica, James, Associate Professor of Curriculum and Instruction and Interim Division Head for Education & Kinesiology; B.B.A., Ph.D., The University of Texas at Austin; M.Ed., University of Houston.

Kalmbach, Karen Christina, Assistant Professor of Psychology; B.A., M.A., York University; Ph.D., Sam Houston State University.

Kapavik, Robin, Assistant Professor of Curriculum and Instruction; B.A., Ph.D., The University of Texas at Austin; M.S., Texas A&M University.

Kearney, Woweck Sean, Assistant Professor of Educational Leadership; B.A., The University of Texas at Austin; Th.M., Dallas Theological Seminary; M.Ed., Texas State University.

Kelsey, Cheryl L., Assistant Professor of Educational Leadership; B.A., University of Central Oklahoma; M.A., Southern Nazarene University; Ed.D., Oral Roberts University.

Kendrick, Kevin H., Assistant Professor of Kinesiology; B.S., Aquinas College; M.S., Eastern Kentucky University; Ph.D., Texas Woman's University.

Lewis, Judy Dianne, Assistant Professor of Accounting; B.B.A., Stephen F. Austin State University; M.B.A., Texas A&M University; Ph.D., University of North Texas.

Li, Jingquan, Associate Professor of Computer Information Systems; B.E., Xi'an Jiaotong University (China); M.S., University of Toledo; Ph.D., University of Illinois at Urbana-Champaign.

Moore, Jenny Hannah, Lecturer in Communications; B.A., The University of Texas at Austin; M.S., University of Oregon.

Mudge, Suzanne D., Associate Professor of Counseling; B.S., M.Ed., Lamar University; Ph.D., St. Mary's University.

Peters, Scott W., Assistant Professor of Counseling; B.A., Northeastern Illinois University; M.A., Ph.D., University of Texas at San Antonio.

Phillips, Marianne; Assistant Professor of Curriculum and Instruction; B.S., The University of Texas at Austin; M.S., University of Houston-Clearlake; Ed.D., University of Houston.

Pittman, Ramona; Assistant Professor of Curriculum and Instruction; B.S., University of Southern Mississippi; M.Ed., William Carey University; Ph.D., Texas A&M University.

Porter, Amy Meschke, Assistant Professor of History; B.A., Austin College; M.A., Ph.D., Southern Methodist University.

Ramirez Jr., Enrique G., Lecturer in Management and Marketing; B.S., The University of Texas at Austin; M.M., Northwestern University.

Rock, Samuel, Lecturer in Psychology; B.A., Washington and Jefferson College; M.S., Ph.D., Pennsylvania State University.

Romo, John Gilbert, Visiting Assistant Professor in Mathematics; B.A., Trinity University; M.S., Ph.D., Oklahoma State University.

Siegal, Lisa Dawn, Lecturer of Marketing; B.A., University of Pennsylvania; M.B.A., New York University.

Smith, John Damien; Assistant Professor of Kinesiology; B.S., University of Texas at San Antonio; M.S., Texas A&M University-Kingsville.

Sosa-Fey, Josephine, Assistant Professor of Management; B.A., M.B.A., Our Lady of the Lake University; D.B.A., Nova Southeastern University.

Suthammanont, Christina M., Assistant Professor of Political Science; B.A., New York University; Ph.D., Texas A&M University.

Torres-Raines, Rosario, Professor of Sociology; B.S., M.A., Ph.D., Texas Woman's University.

Valadez, Albert Adolph, Associate Professor of Counseling; B.A., Texas A&M University; M.Ed., Texas State University; Ph.D., St. Mary's University.

Vera, Debbie Jean, Assistant Professor of Curriculum and Instruction; B.S., Oklahoma State University; M.S., Texas A&M University-Corpus Christi; Ph.D., Texas A&M University.

Vinaja, Bethuel Roberto, Assistant Professor of Management; B.S., University of Baja California; M.B.A., Texas Christian University; Ph.D., University of Texas at Arlington.

Voges, Kathleen E., Associate Professor of Management; B.B.A., M.B.A., Texas State University; Ph.D., University of Texas at Arlington.

Wayne, E. Rob, Visiting Assistant Professor in Biology; B.S., Trinity University; M.S., Ph.D., University of Texas at San Antonio.

Wilson, Jennifer Clark, Assistant Professor of Curriculum and Instruction; B.S., M.Ed., Ph.D., The University of Texas at Austin.

Wise de Valdez, Megan R., Assistant Professor of Biology; B.S., M.S., University of Nebraska-Lincoln; Ph.D., Colorado State University.

LIST OF COURSE PREFIXES

The following are the keys to the prefixes used with the course numbers:

ACCT	Accounting	EDED	Education
ADED	Adult Education	EDKN	Kinesiology
BIOL	Biology	EDRG	Reading (Education)
BCOM	Business Communications	EDSE	Special Education
BLAW	Business Law	EDSL	English as a Second Language
BUAD	Business Administration	ENGL	English
CHEM	Chemistry	FINC	Finance
CISA	Computer Information Systems	GEOG	Geography
COMJ	Journalism	HIST	History
COMM	Communications	MATH	Mathematics
COMS	Speech	MGMT	Management
CRIM	Criminology	MKTG	Marketing
ECON	Economics	POLS	Political Science
EDAD	Educational Administration	PSYC	Psychology
EDBL	Bilingual Education	SOCI	Sociology
EDCG	Counseling and Guidance	SPAN	Spanish
EDEC	Early Childhood	STAT	Statistics