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2015-2016
THE UNIVERSITY OF TEXAS AT TYLER
UNDERGRADUATE/GRADUATE CATALOG



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2015-2016 Catalog

The University of Texas at Tyler

www.uttyler.edu

DISCLAIMER

This catalog is a general information publication only. It is not intended to nor does it contain all regulations that relate to students. The provisions of this catalog do not constitute a contract, express or implied, between any applicant, student or faculty member and The University of Texas at Tyler or The University of Texas System. The University of Texas at Tyler reserves the right to withdraw courses at any time, to change fees or tuition, calendar, curriculum, degree requirements, graduation procedures, and any other requirements affecting students. Changes will become effective whenever the proper authorities so determine and will apply to both prospective students and those already enrolled.

VOLUME 30 APRIL 2015 NUMBER 1

The University of Texas at Tyler is a four-year university providing appropriate educational services at the undergraduate and graduate level.

BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM

Officers

Paul L. Foster, Chairman

R. Steven "Steve" Hicks, Vice Chairman

Francie A. Frederick, General Counsel to the Board of Regents

Executive Vice Chancellor for Business Affairs — Scott C. Kelley, Ed.D.

Executive Vice Chancellor for Health Affairs — Raymond S. Greenberg, M.D., Ph.D.

Note: Chairman Foster and Student Regent Max Richards are nonvoting ex-officio members of all standing committees.

Members

Term set to expire May 2015

Vice Chairman Wm. Eugene Powell

Vice Chairman R. Steven Hicks

Regent Robert L. Stillwell

Term set to expire May 2015

Student Regent Max Richards

Term set to expire February 2017

Regent Alex M. Cranberg

Regent Wallace L. Hall, Jr.

Regent Brenda Pejovich

Term set to expire February 2019

Chairman Paul L. Foster

Regent Ernest Aliseda

Regent Jeffrey D. Hildebrand

Term set to expire February 2021

Vice Chairman R. Steven Hicks

Regent David J. Beck

Regent Sara Martinez Tucker

Standing Committees

Academic Affairs Committee

Audit, Compliance and Management Review Committee

Facilities Planning and Construction Committee

Finance and Planning Committee

Health Affairs Committee

Technology Transfer and Research Committee

The University of Texas System Administration

Chancellor — William H. McRaven

Executive Vice Chancellor for Academic Affairs — Pedro Reyes, Ph.D.

ADMINISTRATION OF THE UNIVERSITY OF TEXAS AT TYLER

President	Rodney H. Mabry
Interim Provost and Vice President for Academic Affairs	Ross Sherman
Vice President for Administration	Jesse Acosta
Vice President for University Advancement	Jerre Iversen
Vice President for Student Affairs	Howard Patterson
Vice President for Technology	Sherri Whatley
Vice President for Research and Technology Transfer	Michael Odell
University Counsel	Michael Donley
Vice Provost and Dean of The Graduate School	William Geiger
Dean, College of Arts and Sciences	Martin Slann
Dean, College of Business and Technology	James Lumpkin
Interim Dean, College of Education and Psychology	Wes Hickey
Dean, College of Engineering	James Nelson
Dean, College of Nursing and Health Sciences	Yong "Tai" Wang
Dean, Ben and Maytee Fisch College of Pharmacy	Lane Brunner

THE UNIVERSITY

History

The University of Texas at Tyler was created as Tyler State College by the Texas Legislature in 1971 and was renamed Texas Eastern University four years later. The University became a campus of The University of Texas System in 1979, as a result of action by the 66th Texas Legislature. Originally established as an upper-level university, UT Tyler's mission was expanded in 1997 when the 75th Texas Legislature passed House Bill 1795 authorizing it to offer classes for freshman and sophomore students. Governor George W. Bush signed the bill into law on May 26, 1997.

Regional Accreditation

The University of Texas at Tyler is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of Texas at Tyler.

The University of Texas System

As a member institution of The University of Texas System, UT Tyler is subject to the *Rules and Regulations* of the Board of Regents of The University of Texas System.

Mission

The University of Texas at Tyler is a comprehensive institution of higher education offering undergraduate and graduate degree programs as an institution of the renowned University of Texas System. The University of Texas at Tyler's vision is to be nationally recognized for its high quality education in the professions and in the humanities, arts and sciences, and for its distinctive core curriculum. Guided by an outstanding and supportive faculty, its graduates will understand and appreciate human diversity and the global nature of the new millennium. They will think critically, act with honesty and integrity, and demonstrate proficiency in leadership, communication skills, and the use of technology.

The University is committed to providing a setting for free inquiry and expects excellence in the teaching, research, artistic performances and professional public service provided by its faculty, staff and students. As a community of scholars, the University develops the individual's critical thinking skills, appreciation of the arts, humanities and sciences, international understanding for participation in the global society, professional knowledge and skills to enhance economic productivity, and commitment to lifelong learning.

Within an environment of academic freedom, students learn from faculty scholars who have nationally recognized expertise in the arts and

sciences, and in such professions as engineering, public administration, education, business, health sciences, and technology. The faculty engages in research and creative activity, both to develop and maintain their own scholarly expertise and to extend human knowledge. The results of that research and other creative efforts are made available to students in the classroom and to the general public through publication, technology transfer, and public service activities. The institution also seeks to serve individuals who desire to enhance their professional development, broaden their perspectives, or enrich their lives.

Location

The University of Texas at Tyler is the only public degree-granting university located in the East Texas Planning Region, an area of approximately one million population, which includes the greater Tyler/Longview metropolitan area. The natural beauty of this dynamic region is exemplified by UT Tyler's distinctive campus with its scenic lakes and wooded, rolling hills.

Off-Campus Locations

The University of Texas offers selected courses and degree programs at the Longview University Center, the UT Tyler Palestine Campus and the Houston Engineering Center.

Longview University Center

The University of Texas at Tyler Longview University Center (LUC) opened in 2000 and is located at 3201 N. Eastman Road in Longview, Texas. Nursing has traditionally been the Longview University Center's largest program with the entire bachelor of science in nursing curriculum offered on the campus. Nursing students attend traditional face-to-face courses that are led by full-time, fully accredited, on-site faculty members. In addition, the LUC is in the process of expanding its course offerings in the fields of industrial technology and criminal justice. For additional information about the LUC call 903-663-8100, go online to uttyler.edu/luc, or visit the UT Tyler Longview University Center Facebook page.

Palestine Campus

The University of Texas at Tyler, Palestine Campus originated in 1995 and is now located at 100 University Boulevard along Loop 256, one quarter mile south of Hwy 287/Hwy 19 in Palestine, Texas. The modern Mathis Hall building, which opened in 2010, includes an on-site library and computer lab with online access to the Muntz Library, a Nursing Skills and Simulation Learning Laboratory, two student break areas, relaxing outdoor patio areas, and modern hi-tech classrooms with wireless internet access, all in a beautiful park-like setting. The Palestine BSN Nursing program, the university's first PATSS Hyflex BSN Nursing curriculum, allows students to learn from expert on-site faculty and interactive online content. The PATSS program requires less on-campus time, freeing students for a variety of excellent clinical experiences in Palestine and the greater East Texas region.

Houston Engineering Center

The University of Texas at Tyler Houston Engineering Center is located in the heart of the West Houston Energy Corridor at 2811 Hayes Road on the Houston Community College Campus. Upper division coursework leading to bachelor's degrees from UT Tyler in civil, electrical, and mechanical engineering is available through study at the center. On-site faculty provide the majority of the instruction for the degree programs. Well-equipped modern classrooms and teaching laboratories are available to students so they have the same educational experience whether they choose to study in Tyler or in Houston.

Innovation Academy

The Innovation Academy is a University Charter School that serves as a laboratory and demonstration school for the Ingenuity Center and the College of Education and Psychology. The Innovation Academy is a University Prep School to develop students who are STEM College Ready. The IA has developed a STEM Pathway that all students follow so they are prepared to complete rigorous coursework that leads to STEM Majors at the University level and ultimately STEM Careers. In 2015 the IA will serve grades 3-9 at its three campuses in Tyler, Longview, and Palestine. The school follows the T-STEM Academy Blueprint and is a demonstration site for Project Lead the Way. The school is tuition free.

Faculty and Course Information

In an effort to provide as much information to students, parents, and the general public regarding courses and faculty, UT Tyler makes available on its website syllabi for current courses (www.uttyler.edu/catalog/syllabi.php), vitae for instructors of record, (www.uttyler.edu/facultystaff/faculty-search.php), and end-of-course evaluations for all courses (www.uttyler.edu/courseevals/homepage.aspx).

Statement on Protection of Social Security Numbers

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. Employees who have access to confidential information may only use that information as is necessary and appropriate in the performance of their official duties and in compliance with applicable laws, regulations, and policies.

Statement on Equal Opportunity

No person shall be excluded from participation in, denied the benefits of, or be subject to discrimination under any program or activity sponsored or conducted by The University of Texas System or any of its component institutions on any basis prohibited by applicable law, including, but not limited to, race, color, age, national origin, religion, sex, sexual orientation, or disability.

This policy applies to all University administrators, faculty, staff, students, visitors and applicants for employment or admission.

Academic Organization

The University of Texas at Tyler is organized into seven academic colleges:

College of Arts and Sciences

College of Business and Technology

College of Education and Psychology

College of Engineering

College of Nursing and Health Sciences

Ben and Maytee Fisch College of Pharmacy

University College

Bachelor's Degrees

The University of Texas at Tyler offers a wide variety of educational opportunities. The university offers bachelor's degrees with majors in the following areas:

Program	Degree
Accounting	B.B.A.
Applied Arts and Sciences	B.A.A.S.
Art	B.A./B.F.A.
Biology	B.S.
Chemistry	B.S.
Civil Engineering	B.S.C.E.
Computer Information Systems	B.S.
Computer Science	B.S.
Construction Management	B.S.
Criminal Justice	B.S.
Economics	B.A./B.S.
Electrical Engineering	B.S.E.E.
English	B.A.
Finance	B.B.A.
Health & Kinesiology	B.A.
Health Studies	B.S.
History	B.A./B.S.
Human Resource Development	B.S.
Industrial Technology	B.S.
Interdisciplinary Studies	B.S.
Kinesiology	B.S.
Management	B.B.A.
Marketing	B.B.A.
Mass Communication	B.A./B.S.
Mathematics	B.S.

Mechanical Engineering	B.S.M.E.
Music	B.M./B.A.
Nursing	B.S.N.
Political Science	B.A./B.S.
Psychology	B.A./B.S.
Social Sciences	B.A./B.S.
Spanish	B.A.
Speech Communication	B.A./B.S.

Master's Degrees

The University of Texas at Tyler offers master's degrees in the following areas:

Program	Degree
Accountancy	M.Acc.
Art (Studio)	M.F.A.
Art (Art History)	M.A.
Biology	M.S.
Business Administration	M.B.A.
Civil Engineering	M.S.C.E.
Clinical Mental Health Counseling	M.A.
Clinical Psychology	M.S.
Communication	M.A.
Computer Science	M.S.
Criminal Justice	M.S.
Curriculum and Instruction	M.Ed.
Educational Leadership	M.Ed.
Electrical Engineering	M.S.E.E.
English	M.A.
Health and Kinesiology	M.Ed.
Health Sciences	M.S.
History	M.A.
Human Resource Development	M.S.
Industrial Management	M.S.
Interdisciplinary Studies	M.A./M.S.
Kinesiology	M.S.
Mathematics	M.S.
Mechanical Engineering	M.S.M.E.
Nursing	M.S.N.
Political Science	M.A.
Public Administration	M.P.A.
Reading	M.Ed.
School Counseling	M.A.

Special Education	M.Ed.
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Doctoral Degrees

The University of Texas at Tyler offers doctoral degrees in the following areas:

Program	Degree
Human Resource Development	Ph.D.
Nursing	Ph.D.
Pharmacy	Pharm.D.*

**Pending accreditation*

Accreditation and Memberships

Accredited by the following:

American Chemical Society
 Association of Technology, Management, and Applied Engineering (ATMAE)
 Association to Advance Collegiate Schools of Business International (AACSB)
 Commission on Collegiate Nursing Education (CCNE)
 Council for Accreditation of Counseling & Related Educational Programs (CACREP)
 Council for the Accreditation of Educator Preparation
 Engineering Accrediting Commission of ABET, <http://www.abet.org>
 National Association of Schools of Music (NASM)
 Southern Association of Colleges and Schools, Commission on Colleges (SACS-COC)
 Texas Board of Nursing
 Texas Education Agency

Recognized by the following:

Department of Homeland Security (DHS): Student Exchange Visitor Program (SEVP) and Immigration and Customs Enforcement (ICE)
 Texas Commission on Law Enforcement (TCOLE)
 Texas Higher Education Coordinating Board
 Veterans Administration

TUITION, CHARGES, AND FEES

Tuition charges at Texas state universities are established by state law. The 78th Texas Legislature (2003) allowed the Board of Regents of The University of Texas System to set designated tuition rates. The Texas Legislature does not set the specific amount for any particular student fee. Student fees assessed are authorized by state statute; however, the specific fee amounts and the determination to increase fees are made by the University administration and The University of Texas System Board of Regents.

Other expenses at The University of Texas at Tyler are fixed within statutory limitations by the Board of Regents. The cost to attend UT Tyler varies with the individual student. Information relating to the cost of attendance and financial aid opportunities can be found online at <http://www.uttyler.edu/admissions/costs/>. The university reserves the right to change tuition and fees in keeping with acts of the Texas Legislature and/or policies of the Board of Regents.

Payment of Fees

Students are expected to pay all fees at the time of registration, have an approved financial aid program arranged by the Student Financial Aid Office prior to registration, or pay by installments as outlined below. Payment may be made by cash, check, credit card, or money order. Checks, money order, and credit card (VISA, Master Card, Discover, American Express) payments will be accepted subject to final collection by the university's bank. All tuition and fee payments by third parties, i.e. employers of students, clubs, service organizations and relatives of students, must be arranged by the Enrollment Services Center prior to registration.

Option to Pay Tuition and Fees by Installments

Students of UT Tyler may make payment of tuition and fees for the fall and spring semesters through one of the following installment plan options:

- 3 payment installment plan with an installment fee of \$25.00
- 4 payment installment plan with an installment fee of \$35.00
- 5 payment installment plan with an installment fee of \$45.00

A late payment fee of \$25 will be assessed for each late payment.

A student who fails to provide full payment of tuition and fees, including late fees assessed, when payments are due, is subject to one or more of the following actions:

1. Bar from registration/deny readmission;
2. Withholding of grades, degree and official transcript;
3. Denial of course credit for work done that semester;
4. Apply appropriate penalties as established by law;
5. Referral of debt to collection agency.

Residents of States other than Texas

Residency Classifications

All students must, upon application to the University, complete a certification of residency form.

While State requirements for establishing residency are complex and should be referred to in each particular circumstance, they generally require that an independent individual (18 years of age or older) establish a domicile in Texas and reside in Texas for a period of 12 months prior to the census date of the academic term in which the person is enrolled.

For minors and dependents, the parents or court-appointed legal guardian must have established a domicile and meet the above residency requirements. The minor or dependent must be eligible to be claimed by the parent or court-appointed legal guardian on their federal income tax. An individual may also be classified as a Texas resident if the individual (1) graduated from a public or private high school or received the equivalent of a high school diploma in Texas; (2) resided in Texas for at least three years as of the date the person graduated from high school or received the equivalent of a high school diploma; and (3) continuously resided in Texas for one year prior to the census date of the academic term in which the person is enrolled. Texas Education Code, 54.052.

Persons who are unable to meet the requirements above are classified as nonresidents.

The Office of Admissions is guided by the Texas Education Code, the *Rules and Regulations of the Board of Regents* and the *Rules and Regulations for Determining Residence Status* of the Texas Higher Education Coordinating Board in determining the resident status of students. The law governing residence for tuition purposes is not the same as the law governing residence for voting, vehicle registration, etc. Various circumstances can affect a student's residence status for tuition purposes: i.e. death or divorce of parents, custody of minor by court order, and active military duty of student or student's parents. A nonresident student classification is presumed correct as long as the individual continues as a student. However, the nonresident presumption is not conclusive, and it is possible that a nonresident student may be reclassified to resident student status after residing in Texas for at least 12 months and evidencing unequivocal intent to remain in the state.

Responsibility for Residency Classification

The responsibility for registering under the proper residence is placed upon the student. It is the student's duty, at or before registration, if there is any possible question of the right to legal residence in Texas under the state law and the university rules; to raise the question with the Office of Admissions and have such questions settled prior to registration. Copies of *Rules and Regulations for Determining Residence*

Status prepared by the Texas Higher Education Coordinating Board are available in the Office of Admissions. There can be no change of resident status except upon express authorization by the Director of Admissions. Attempts on the part of a nonresident student to evade the nonresident fee are a serious matter and may lead to disciplinary action, including expulsion and/or penalty as set forth in the law.

Special Tuition Classifications for Nonresidents

Listed below are some exceptions which permit nonresidents to pay resident tuition rates. All special tuition exceptions must be approved through the Enrollment Services Center prior to the census date each term.

1. A nonresident or foreign student employed at least half-time in a program-related position such as teaching assistant or a research assistant is entitled to pay the same tuition as a resident of Texas. The student's spouse and children may also be enrolled under this classification.
2. A nonresident or foreign student holding a competitive academic scholarship of at least \$1,000 for the academic year in which he/she enrolled is entitled to pay the tuition required of Texas residents provided he/she competes with other students including Texas residents for the scholarship and the scholarship is awarded by a scholarship committee recognized by UT Tyler and approved by the Coordinating Board.
3. Usually, a member of the United States military forces is entitled to pay the resident tuition fee for self or dependents. The student must submit appropriate evidence including a statement from his/her commanding officer stating that the member is currently on permanent active duty assignment within the state of Texas.
4. Students who reside in Arkansas, Louisiana, and Oklahoma may be charged the statutory rate for Texas residents, plus \$30.00 per semester credit hour. Students must demonstrate residency by providing a current driver's license or copies of their state tax returns for the current year. This must be presented each semester prior to payment of tuition and fees.

The *Texas Education Code*, §54.058 *et seq.* includes other exceptions not reprinted in the catalog. For more information consult the cited statutes, the Office of Student Financial Aid, or refer to the Coordinating Board's website, <http://www.collegefortexans.com>.

Tuition and Fee Exemptions

Certain students are exempt from paying tuition and some of the required fees by state law. Specific eligibility requirements under these provisions can be obtained from the Enrollment Services Center. Applications for exemptions must be completed prior to the census date for the semester.

Tuition Exemptions and Waivers

Adopted Children formerly in Foster Care or other Residential Care
Texas Commission for the Blind
Texas Commission for the Deaf
Children of Disabled/Deceased Texas Firefighters and Law Enforcement Officers
Children of Prisoners of War or Persons Missing in Action
Children of Professional Nursing Program Faculty
Children and Spouses of Texas Veterans

Firefighters taking Fire Science Courses
Peace Officer
Disabled Peace Officers
Economic Hardship
Members of State Military Forces/U.S. Military Stationed in Texas
Nursing Preceptors and their Children
Senior Citizen +65 Exemptions (Includes Audits)
Students formerly in Foster Care
Surviving Spouse and Dependent Children of Certain Deceased Public Servants (Employees)
Hazlewood Exemption
Competitive Scholarship Waiver
Teaching/Research Assistant Waiver
Teacher/Professor Tuition Waiver
100 Mile/Bordering State Waiver
Valedictorian of Texas High School Exemption

For a complete listing of all exemptions, and waivers, scholarships, and grants offered by the Texas Higher Education Coordinating Board, please refer to: www.collegeforalltexans.com.

Continued receipt of a tuition and fee exemption and/or waiver is conditioned on the student maintaining a GPA for making satisfactory academic progress and, if an undergraduate, not completing an excessive number of credit hours. (Texas Education Code, Sections 54.2001 and 54.2002)

Tuition Rebate for Qualified Students

A qualified student is eligible to apply for a rebate of a portion of the undergraduate tuition the student has paid, in accordance with Section 54.0065 of the Texas Education Code. The 1997 Texas Legislature approved a tuition rebate plan for students receiving their first baccalaureate degree. To be eligible for this rebate a student must be a Texas resident who enrolled for the first time in an institution of higher education in the fall of 1997 or later. The student must have attempted all work at a Texas public institution of higher education and have been entitled to pay resident tuition at all times while pursuing the degree. The student must not have attempted more than three hours in excess of the minimum required for the degree, including transfer credits and course credit earned exclusively by examination. Only the number of semester credit hours earned exclusively by examination in excess of nine semester credit hours is treated as hours attempted. The student must also graduate in a timely manner. Timely graduation is defined as four calendar years from the first semester of enrollment in college courses after high school graduation. Certain degree programs, including architecture and engineering, are permitted five calendar years.

Rebate Application forms are available through Enrollment Services. Eligible students must apply for this rebate prior to the final day of their semester of graduation.

Schedule of Refunds

If a student formally drops one or more courses through Enrollment Services, the university will refund applicable tuition and fees collected for courses from which a student drops within the first 12 days of a fall or spring semester or a summer term of 10 weeks or longer, within the

first four days of a term or session of more than five weeks but less than 10 weeks, or within the first day of a term or session of five weeks or less, provided the student remains enrolled at the institution for that semester or term. Refunds for courses dropped by a student who later in the semester or term withdraws from the institution will be calculated according to the following schedule:

A term or session 10 weeks or longer

prior to first class day	100%
during first five class days	80%
during second five class days	70%
during third five class days	50%
during fourth five class days	25%
after fourth five class days	no refund

A term or session of 6-9 weeks

prior to first class day	100%
during the first, second, or third class day	80%
during fourth, fifth, or sixth class day	50%
seventh class day and thereafter	no refund

A term or session of 5 weeks or less

prior to first class day	100%
during the first class day	80%
during the second class day	50%
during the third class day and thereafter	no refund

For refunds, the effective date of withdrawal will be the date when the withdrawal is officially completed and recorded by Enrollment Services. If a scheduled course of instruction is cancelled by the university, all fees will be refunded. No refunds will be made unless applied for in the same school year as withdrawal. Immediate refund will not be made to students who withdraw during the refund period. Normally, refunds will be disbursed according to the refund preference indicated through the P2 Card within 30 days from the last day of scheduled refunds.

All policies regarding the payment or refunding of tuition, fees, and charges comply with applicable statutes and are approved by the Board of Regents of The University of Texas System. If a person desires clarification of any matter relating to payment or refund of such charges, or believes special circumstances warrant exceptions to the published policy, the Office of Business Affairs at UT Tyler should be contacted.

Return of Unearned Title IV Funds (due to complete withdrawal in a term)

(34 CFR 668.22)

As an institution participating in programs under Title IV of the Higher Education Act of 1965 as amended, (HEA, Section 484B), The University of Texas at Tyler is required to determine the earned and unearned Title IV aid as of the date a student withdraws from all courses within a term and return the unearned portion to the appropriate Title IV program.

The Return of Title IV Funds regulations do not dictate the institution's refund policy for tuition and fee charges.

The return of federal funds is required if a student fails to attend, withdraws from, or otherwise fails to complete the period of enrollment for which the financial assistance was intended. After the 60% point in the period of enrollment, a student has earned 100% of the Title IV funds therefore, no return is required. Students are advised to visit with a financial aid staff member prior to submitting a requests for complete withdrawal.

The unearned portion will show on the student's account as an outstanding balance that must be paid in full prior to receiving official UT Tyler records.

Additional information in reference to Return to Title IV Funds and Withdrawals can be found here:

<http://www.uttyler.edu/financialaid/withdrawal-policy.php>.

Tuition and Mandatory Fees

Students pay a statutory tuition rate of \$50 per semester credit hour for Texas Residents (*See below*, Excess Hours) and \$412 per semester credit hour for Non-Texas Residents. Students also pay a designated tuition of \$129 per undergraduate credit hour or \$209 per graduate semester credit hour; and \$249 per doctoral semester credit hour.

Students will be given notice on their tuition bill, tuition receipt or an email in connection with tuition charges, of the amount of his/her tuition payment that is required to be set aside to provide financial assistance for students enrolled at the institution per the *Texas Education Code*, Section 56.014.

Tuition and fees are subject to change by legislative or regental action and become effective on the date enacted. The Texas Legislature does not set the specific amount for any particular student fee. The student fees assessed above are authorized by state statute; however, the specific fee amounts and the determination to increase fees are made by the university administration and The University of Texas System Board of Regents. Tuition and fee updates can be found at <http://www.uttyler.edu/catalog/tuition/>.

In addition all students are required to pay a set of mandatory fees, as set out below.

Automated Service Fee \$30/semester

To defray costs of the automated student information system, software provided for student use, and library services.

Basic Computer Access Fee \$125/semester

To defray costs of providing campus computing services in support of academic programs.

Student Service Fee \$11/credit hour up to \$150/semester

To provide a well-rounded program of activities and services for students of the university. Refunds of these fees are on the same basis as tuition as described under schedule of refunds.

Fine and Performing Arts Fee \$30/regular sem.;\$15/summer

To offset the maintenance and operation of the R. Don Cowan Fine and Performing Arts Center.

Intercollegiate Athletics Fee **\$12/credit hour**
(min. \$72max. \$180)

To maintain the intercollegiate athletics programs. Maximum \$180 per semester.

Recreational Facility Fee **\$40/regular sem.;**
\$30/12 week session or longer; \$15/6
week session or more but less than 12
weeks;
\$10/5 week or less session

To operate and maintain student recreational facilities or programs.

International Education Fee **\$1/semester**

To support various international study and travel programs.

Medical Services Fee **\$35/regular sem. and long summer;**
\$15/summer I and II

To help operate and maintain the student health clinic.

Records Fee **\$5/semester**

To defray cost of providing UT Tyler transcripts and enrollment certifications. There is a limit of five transcripts per day at no charge and a maximum of fifty transcripts at no charge.

Student Union Fee **\$105/regular sem. and long summer;**
\$50 /summer I and II

Provides revenue for financing, constructing, operating, maintaining, renovating, improving, or equipping a student union building.

New Student Program Fee **\$75 new freshman only**

To support New Student Orientations and charged only to new freshmen during their first semester of enrollment at UT Tyler.

Guaranteed Tuition Rate Plan

The University of Texas at Tyler offers a guaranteed tuition rate plan for all incoming freshman and undergraduate transfer students entering UT Tyler in fall 2014 or thereafter. The plan is available only to incoming students who are seeking their first bachelor's degree. The plan does not apply to continuing undergraduates or graduate students. Community College students may opt for the guaranteed tuition rate plan by declaring an intent to transfer to UT Tyler. Once the guaranteed tuition rate plan option has been selected, changing to the traditional tuition plan is not allowed. The guaranteed tuition rate plan provides a constant per-semester-hour tuition rate for 12 consecutive semesters. More information, including on how to sign up on the guaranteed tuition rate plan, can be found at <http://www.uttyler.edu/cashiers/guaranteed-tuition.php>.

Other Fees and Charges

For a complete list of other fees and charges, including individual course fees, please visit the Student Business Services website at <http://www.uttyler.edu/catalog/tuition/other-fees.php>.

Tuition and Fees for Excess Hours

As authorized by state law, a student who pays resident tuition rates and who attempts hours that exceed a designated limit will be charged nonresident tuition rates. The designated limit for a student who initially enrolled in an institution of higher education in Fall 1999 through Summer 2006 is 45 credit hours beyond the required hours for the student's declared degree program. The designated limit for a student who initially enrolled in an institution of higher education in Fall 2006 or later is 30 credit hours beyond the hours required for completion of the student's degree program.

The following semester credit hours are not included in the calculation:

1. semester credit hours earned by the student 10 or more years before the date the student begins the new degree program under the Academic Fresh Start Program of the Texas Education Code, § 51.931;
2. hours earned by the student before receiving a baccalaureate degree that has previously been awarded to the student;
3. hours earned by the student by examination or similar method without registering for a course
4. hours from remedial and developmental courses, workforce education courses, or other courses that would not generate academic credit that could be applied to a degree at the institution if the course work is within the 27-hour limit at two-year colleges and the 18-hour limit at general academic institutions;
5. hours earned by the student at a private institution or an out-of-state institution; and
6. hours not eligible for formula funding.

For more information contact the Enrollment Services Center.

Doctoral Excess Hours (99-hour Rule)

A resident doctoral student who has a total of 100 or more semester credit hours of doctoral work at an institution of higher education is required to pay nonresident doctoral tuition rates. Contact the Enrollment Services Center for more information.

UNDERGRADUATE ADMISSIONS AND GRADUATION

The University of Texas at Tyler offers baccalaureate and master's degree programs and strives to meet the educational needs of high school graduates, transfer students from community colleges and other universities, and students seeking graduate degrees. Admission requirements for graduate programs are defined in the Graduate Policies and Programs section of this catalog.

Undergraduate Admission Requirements

1. All applicants must complete an Application for Admission on-line by visiting: <http://www.uttyler.edu/admissions> or by going to <http://www.applytexas.org> by the posted deadline for the intended semester of enrollment.
2. Applicants must submit an official updated transcript from each college or university attended, and a \$40 application fee for domestic students, or a \$75 application fee for international students.
3. Applicants will not be subject to discrimination on any basis prohibited by law including but not limited to race, color, age, national origin, religion, gender, veteran status, or disability.
4. Automatic admission is available to any applicant who meets any minimum requirements established by the institution and is a child of certain public servants who were killed or sustained a fatal injury in the line of duty.
5. Unsolicited letters of support will not be retained or considered during the admission review process.

Freshman Admission

Eligibility for admission as a freshman is determined primarily on the basis of three predictors of academic success: high school preparation, rank in high school class, and SAT (ACT) score. Additional consideration for admission will be based on an evaluation of the additional criteria as described below.

Students enrolling with ACT/SAT scores and high school rankings below UT Tyler's published admission criteria, and/or students enrolling as 'liable' or 'not satisfied' according to published state standards for TSI compliance, will be required to participate in the PASSages (Patriot Academic Success Services) Program during their first semester of enrollment.

High School Preparation

To be eligible for admission to the university as a freshman an applicant must be a high school graduate or equivalent. A high school record that demonstrates achievement in the most challenging academic course work available is the best single predictor of academic success. Beginning freshmen must submit an official high school transcript before classes begin in order to verify graduation and completion of required courses.

The minimum high school units required for admission include:

1. Language Arts
Required: Four units of English
2. Science
Required: Three units of science to include at least one unit of Chemistry or Physics
Strongly recommended: Three units of laboratory science including Chemistry and Physics.
3. Foreign Language
Required: Two units in a single language effective fall semester 2001.
4. Mathematics
Required: Three units at the level of Algebra I or higher.
Strongly recommended: Students planning to enter scientific, engineering and similar technical fields are advised to take at least four units of math in preparation for entering the first university calculus course in their first semester at the university.
5. Social Studies
Required: Three units
6. Electives
Required: Additional courses in the areas above and/or in fine arts and/or computer science to satisfy high school graduation requirements

High School Rank in Class and SAT (ACT) Score

1. An applicant who graduates from an accredited high school in one of the two years preceding the academic year for which the applicant is applying for admission and who has a grade point average in the top 10 percent of the applicant's high school graduating class will be admitted automatically (subject to applicable enrollment limit). SAT (ACT) scores must be submitted.
2. An applicant who does not qualify for admission under item A but meets the following criteria also qualifies for regular admission:

High School Rank in Class	ACT	SAT (Math & Critical Reading)
Top 25%	20	970
Second 25%	21	1010
Third 25%	22	1050
Fourth 25%	23	1080

Additional Criteria

In addition to the current university requirements for admission, applicants must also have either: successfully completed the curriculum requirements for the recommended or advanced high school program or its equivalent; or satisfied ACT's College Readiness Benchmarks on the ACT assessment application to the applicant, or earned on the SAT assessment a score of at least 1500 out of 2400 or the equivalent.

The above requirement may be satisfied if the applicants official high school transcript or diploma states that the applicant completed the portion of the recommended or advanced curriculum or its equivalent that was available to the applicant, but was unable to complete the remainder of the curriculum solely because courses necessary to

complete the remainder were unavailable to the applicant at the appropriate times in the applicant's high school career as a result of course scheduling, lack of enrollment capacity, or another cause not within the applicant's control.

An applicant may be given additional consideration based upon an evaluation of the individuals' involvement and level of responsibility in extracurricular activities; involvement in responsible non-academic affairs while attending high school, including employment and family responsibilities; status as a first general college student; English not first language; and socioeconomic background.

Transfer Students

Transfer students having fewer than 30 semester credit hours must meet the freshmen admission requirements as specified above.

Transfer students having successfully completed 30 semester hours or more at a regionally accredited institution must have earned a minimum grade point average of 2.0 (on a 4.00 scale) on all college/university coursework attempted.

Students seeking special certification courses may be admitted to complete the required certification courses based on the program requirements.

UT Tyler strives to provide guidance for prospective transfer students by outreach through community college visits, individual counseling, transfer credit evaluations, on-campus recruitment events, and orientation. UT Tyler offers transfer students incentives such as scholarship opportunities to those who qualify, and application fee waivers for those who apply during a Mobile Go Center event. Transfer scholarship awards are renewable for two years and have the effect of waiving out-of-state tuition. Additional information regarding admission requirements, scholarship information, recommended degree plans, housing, student life, and athletics are all included on the UT Tyler web site: www.uttyler.edu.

Appealing an Admission Decision

Students who do not meet the minimal admission requirements, or who have special ability, experience, or other circumstances to demonstrate readiness for college level work may petition for admission by scheduling an appointment with an admissions counselor and submitting an application for appeal form and supporting documentation to the Enrollment Services Center, ADM 230. Consideration will be given to the individual's involvement and level of responsibility in extracurricular activities and involvement in responsible, non-academic affairs including employment and family responsibilities; status as a first generation college student; English not first language; socioeconomic background, and other extenuating circumstances. Petitions for special admission to the university must receive approval from the Admissions Appeal Committee prior to registration.

Readmission

If a student has not attended UT Tyler during the past academic year, the student will need to submit a completed application, official transcripts from any institution attended since leaving UT Tyler, and a

\$40 application fee for domestic students, or a \$75 application fee for international students. Readmitted students come under the catalog in effect at the time of readmission. Students who withdraw from the university to perform active military service (not including Texas National Guard training exercises) will not have to reapply for admission but will be readmitted upon a request made within one year of being released from active military services and may be eligible for the same financial assistance provided before the student's withdrawal. See *Texas Education Code*, Section 51.9242.

Transient Admission

Undergraduate students pursuing degrees at other colleges and universities who wish to take courses at the University may be admitted as transient students. The transient student application and approval form are available in the Enrollment Services Center, ADM 230, or the website at <http://www.uttyler.edu/admissions>.

A transient student who later wishes to be admitted to the University on a regular basis must apply for admission as a transfer student.

Students who attend the University as transient students and then are admitted on a regular basis are immediately subject to the University's academic regulations. Specifically, students will be placed on academic probation upon enrollment if their grade point average for work undertaken at the University as a transient student is below a 2.00.

International Admissions

In addition to the undergraduate admission requirements stated previously, applicants that are F-1 nonimmigrant visa holders from countries other than the U.S. are subject to the following:

1. An official English evaluation of the transcripts, from an approved agency of the Undergraduate Admissions Office if the academic transcripts are from a foreign institution.
2. Evidence of English proficiency must be submitted before admission will be granted. Applicants whose primary language is not English must submit results of the Test of the Test of English as a Foreign Language (TOEFL), Pearson Test of English (PTE), or the International English Language Testing System (IELTS). Minimum score requirements are as follows:
 - a. TOEFL Internet Based Test (IBT): 79
 - b. TOEFL Paper Based Test (PBT): 550
 - c. Pearson Test of English (PTE): 53
 - d. International English Language Testing System (IELTS) overall band score: 6.5 and 6 or greater in all sub-sections
 - e. TOEFL, PTE, AND IELTS scores will be waived for individuals who complete Level 6 of the University of Texas at Tyler Intensive English Language Institute (IELI) with no grade lower than an A or those who complete Level 7 with no grade lower than a B.
3. All undergraduate international students must pay a nonrefundable application fee of \$75.00.
4. Application deadlines are as follows:
 - Fall Semester: June 1
 - Spring Semester: November 1
 - Summer Semester: March 1

After an international student is admitted, the student will be required to submit the following documentation to the Office of

International Programs (OIP) International Student, Scholar and Faculty Services (ISSFS) Center.

- a. An affidavit of support is required indicating the source of funds being made available to the student. The affidavit of support must indicate the amount of money being provided in U.S. Dollars and the length of time the funds will be made available.
- b. Holders of student (F-1) visas must be classified as full-time students. For international undergraduate students, full-time enrollment is 12 semester credit hours.
- c. Before registration the OIP ISSFS Center must have a copy of a current passport, visa, I-94, and current I-20s. In addition, accepted students who will be transferring in from another U.S. school will need to submit a SEVIS transfer form completed by the transferring institution.
- d. International students holding non-immigrant visas are required to maintain approved comprehensive medical insurance, repatriation insurance and medical evacuation insurance while enrolled at UT Tyler. An international student may purchase his or her own insurance. However, the policy must meet or exceed UT System Student Health Insurance Plan requirements and a health insurance waiver must be submitted by the deadline for the insurance charge on the student bill to be waived. If no waiver form is submitted, a health insurance fee will be assessed at the time of enrollment. The health insurance fee will be in the amount of the premium approved for the UT System Student Health Insurance Plan for the actual cost of the insurance.
- e. Submit the International Application Fee. A nonrefundable application fee of U.S. \$75.00, payable by cashier's check or money order, is required of all international students applying for admission to The University of Texas at Tyler.

Transient Admission at other Institutions

After the student is admitted to UT Tyler, he or she should not register for any course(s) at any other institution until approval is granted. Approval by the student's Advisor, Department Chair, Dean and the University Registrar is required to assure that the courses taken at another institution will count toward the student's degree. A student should not register at another institution until an Undergraduate Transient Form has been completed and approved. Forms for this purpose are available at www.uttyler.edu/registrar/forms/index.php or at the Enrollment Services Center, and must be submitted by the relevant UT Tyler Census Date as noted on the Academic Calendar.

Academic Fresh Start

An applicant for admission who is a Texas resident may seek to enter this institution pursuant to the "academic fresh start" statute, Texas Education Code, §51.931 by requesting an Academic Fresh Start Program Acknowledgement form from the Director of Admissions, and submitting the form to the Enrollment Services Center, ADM 230. The University will not consider academic course credits or grades earned by the applicant 10 or more years prior to the starting date of the semester in which the applicant seeks to enroll. An applicant who makes the election to apply under this statute may not receive any course credit for courses taken 10 or more years prior to enrollment under academic fresh start. Once Academic Fresh Start has been enacted, appropriate notations will be placed on the student's official transcript.

Texas Success Initiative (TSI)

The Texas Success Initiative is designed to determine whether students possess the basic skills in reading, writing, and mathematics, necessary for university courses. In accordance with Texas Education Code, Section 51.3062, unless exempt, all students must take the TSI Assessment prior to enrolling at the University.

Students not meeting TSI requirements may be granted an Advisement Plan for Academic Success. This one-semester agreement allows students to enroll with advisor approval. Future enrollment may be denied if the terms of the TSI Agreement have not been met by the conclusion of the term.

The following students are exempt from taking the test:

1. For a period of five (5) years from the date of testing, a student who is tested and performs at or above the following standards: (A) ACT: composite score of 23 with a minimum of 19 on both the English and the mathematics tests; (B) Scholastic Assessment Test (SAT): a combined critical reading and mathematics score of 1070 with a minimum of 500 on both the critical reading and the mathematics tests; or
2. For a period of five (5) years from the date of testing, a student with a TAKS math score of at least 2200 is exempt from the math requirement. A student with a TAKS English/Language Arts score of at least 2200 and an essay score of at least 3 is exempt from the reading and writing requirements. A student who has graduated with an associate or baccalaureate degree from an institution of higher education.
3. For a period of five (5) years from the date of testing, a student with EOC STAAR scores of Level 2 on the English III shall be exempt from the TSI reading and writing assessment. A student with an EOC STAAR score of Level 2 on Algebra II shall be exempt from the TSI math assessment.
4. A student who has graduated with an associate or baccalaureate degree from an institution of higher education.
5. A student who transfers to an institution from a private or independent institution of higher education or an accredited out-of-state institution of higher education and who has satisfactorily completed college-level coursework which emphasized reading, writing, and mathematic competency.
6. A student who has previously attended any institution and has been determined to have met readiness standards by that institution.
7. A student who is enrolled in a certificate program of one year or less (Level-One certificates, 42 or fewer semester credit hours or the equivalent) at a public junior college, a public technical institute, or a public state college.
8. A student who is serving on active duty as a member of the armed forces of the United States, the Texas National Guard, or as a member of a reserve component of the armed forces of the United States and has been serving for at least three years preceding enrollment.
9. A student who on or after August 1, 1990, was honorably discharged, retired, or released from active duty as a member of the armed forces of the United States or the Texas National Guard or service as a member of a reserve component of the armed forces of the United States.
10. A non-degree-seeking or non-certificate-seeking student.

Registering for Beginning Mathematics Courses

Students needing to take mathematics are placed into the appropriate courses through the use of test scores (THEA, ACT, SAT), departmental tests, or successful completion of certain courses. The chart below gives the minimum requirements to enroll in the required mathematics courses.

Test/Course	College Algebra or Equivalent	Calculus I
	MATH 1314, MATH 1324, MATH 1332*	MATH 2413**
	Min. Score/grade	Min. Score/grade
THEA Math	270	
SAT Math	500-674	675
ACT Math	21	27
MATH 0303	"C"	
MATH 1316 or MATH 2312 or Trigonometry Test		"C" "pass with 70%"

*Students who do not have THEA, SAT or ACT math scores will be required to take the pre-algebra test administered by the Mathematics Department. Students who fail the test will be required to enroll developmental math courses elsewhere

**Students enrolling in Calculus I must have the minimum SAT or ACT math scores noted above or one of the following: "C" or better in MATH 1316 or MATH 2312, or pass the departmental trigonometry test. It is assumed that all students enrolling in Calculus I are proficient in algebra. Students who are not proficient in algebra are advised to enroll in MATH 1314: College Algebra and MATH 1316: Trigonometry prior to enrolling in Calculus I.

Immunization Requirements

1. In accordance with Texas Education Code 51.9192, Subchapter Z, all first-time students at UT Tyler, including transfer and graduate students, and all students who have previously attended UT Tyler prior to January 1, 2012, and who are enrolling at UT Tyler following a break in enrollment of at least one fall or spring semester are required to provide proof of vaccination against bacterial meningitis at least 10 days prior to the beginning of the semester. All documentation should be submitted to the Enrollment Services Center (ESC), in ADM 230. Exemptions for this requirement are as follows:

- The student is 22 years of age or older.
- The student is enrolled in online-only programs. If the student attends any on-campus classes, they must submit proof of vaccination.
- The student submits an affidavit or a certificate signed by a physician who is duly registered and licensed to practice in the United States, stating, in the physician's opinion, the vaccination required would be injurious to the student's health and well-being.

- The student submits a signed affidavit stating the student declines the vaccination for bacterial meningitis for reasons of conscience, including a religious belief. A conscientious exemption form from the Texas department of State Health Services must be used. This form is located at <http://webds.dshs.state.tx.us/immco/affidavit.shtm>.

2. In accordance with State law, the following immunizations are required for all students enrolled in health related courses which will involve direct patient contact in medical or dental care facilities or who come in contact with human or animal biological fluids or tissue.* Students for whom these immunizations are not required are strongly urged to obtain these immunizations for their own protection.

Measles: proof of two doses of measles vaccine administered on or after the first birthday and at least 30 days apart or proof of immunity.

Mumps: proof of one dose of mumps vaccine administered on or after the first birthday or proof of immunity.

Rubella: proof of one dose administered on or after the first birthday or proof of immunity.

Tetanus/diphtheria: proof of one "booster" dose of tetanus/diphtheria (within 10 years).

Hepatitis B virus (HBV): proof of serologic immunity to HBV or certification of immunization with a complete series of Hepatitis B vaccine. Students will be required to present a letter or other suitable written certification.

Influenza: proof of influenza vaccination required every fall semester

*Note: Certain exemptions are allowed from the immunization requirement

Students enrolled at University of Texas institutions will assume the full cost of the immunizations.

Students may obtain information regarding the consequences of not being current on immunization for certain diseases; the age groups most vulnerable to these vaccine preventable diseases; and local providers of immunization services from the University Health Clinic.

Transfer Credit

Credit earned at other regionally accredited colleges or universities may be transferred by students presenting sealed official transcripts describing such credit. Transcripts that have been opened by students prior to submission will be considered unofficial and no credits will be transferred based upon such documents. Courses are acceptable for transfer at the level at which these courses were classified by the institution granting the credit.

Only courses in which a student has earned a grade equivalent of "C" or better will be acceptable for transfer. The only exception will be if a student transfers to UT Tyler Core complete from another Texas public college or university, and the transferring institution recognized a "D" as satisfying its Core Curriculum requirements.

After enrolling at UT Tyler, students who wish to enroll in courses at another university or college must have prior approval from their academic advisor and the Office of the Registrar on an Undergraduate Transient Form. For specific procedures review the Undergraduate Transient Admission section of this catalog.

Military Service Credit

U.S. Military Veterans who meet the eligibility requirements below may elect to receive up to 12 undergraduate credit hours of physical

education towards elective course requirements for their undergraduate degree.

The Military Service Credit option is available to Veterans who have met the following requirements:

1. Graduated from a public or private high school, accredited by a generally recognized accrediting organization or from a high school operated by the United States Department of Defense.
2. Honorably discharged former member of the armed forces of the United States
3. Completed a minimum of two years of service in the armed services or was discharged because of a disability.

The awarding of credit is irrevocable (i.e., cannot be removed from transcript once awarded). Therefore, in deciding whether to claim this credit, students should consider, in consultation with an academic advisor, the impact of the credit on their eligibility for a tuition rebate, the possibility that they will be charged additional tuition if they have excess credit, and the possibility that they will be ineligible for Texas BOnTime loan forgiveness if they have excess credit.

To have the credit awarded, students must complete a Military Service Credit Agreement form and provide proof of eligibility as noted on that document. Signatures from the student's academic advisor and department chair are required. Once processed (and approved), the appropriate amount of elective credit will be added to the student's official academic record. Effective the date of approval.

Texas Common Course Numbering System

The Texas Common Course Numbering System (TCCNS) is designed to aid students in the transfer of freshman and sophomore academic credit courses from colleges and universities throughout Texas. The University of Texas at Tyler has joined this consortium approved by the Texas Association of Collegiate Registrars and Admissions Officers and the Texas Higher Education Coordinating Board. The system ensures that if the student takes courses that the receiving institution designates as common, then the courses will be accepted in transfer at other Texas public colleges and universities.

College Credit by Examination

Credit by examination may be established through testing programs such as the Advanced Placement Program (AP), the College Level Examination Program (CLEP), and International Baccalaureate (IB). Guidelines for credit by CLEP, AP, and IB examinations are available at the Enrollment Services Center. CLEP, AP, and IB credit received from a prior college/university will transfer as credit was awarded.

Students may decline the awarding of credits earned by examination if they wish to complete coursework through traditional enrollment. Requests to decline credit earned by examination must be submitted in writing to the Enrollment Services Center.

Transfer Disputes for Lower-Division Courses from Texas Institutions

The following procedures shall be followed by public institutions of higher education in the resolution of credit transfer disputes involving lower-division courses:

1. The receiving institution shall give written notice to the student and to the sending institution that transfer of the course credit is denied
2. Institutional representatives and the student shall attempt to resolve the transfer of the course credit in accordance with the Texas Higher Education Coordinating Board rules and/or guidelines
3. 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 receives written notice of denial, the institution that denies the transfer shall notify the Commissioner of Higher Education of the denial and the reason for the denial

The Commissioner or the Commissioner's designee shall make the final determination concerning the dispute of the transfer of course credit and will give written notice of the determination to the student and each institution.

Correspondence Credit

A student may not apply more than six semester hours of upper-division correspondence credit toward a degree. Prior approval to include these hours in a degree plan must be secured from the student's academic advisor, department chair, and dean. To secure this approval, follow the procedures outlined in the undergraduate transient approval section of this catalog. To transfer, courses must be awarded a letter grade of A, B, or C. Courses taken for CR must be approved prior to enrollment.

Classification

Students are assigned a classification at the beginning of each semester based on the total number of semester hours accumulated, including transfer credits and degrees earned.

A student who has been admitted to a degree program is said to be a regular or a matriculated student. A student holding a baccalaureate or higher degree is classified as a post-baccalaureate student. All other students are classified as undergraduate students.

Student classifications and the basis for each are as follows:

Classification	Criterion
Freshman	0-29 semester hours
Sophomore	30-59 semester hours
Junior	60-89 semester hours
Senior	90 or more semester hours
Post-baccalaureate	Holding a bachelor's (or higher) degree
Graduate	Holding a bachelor's (or higher) degree and being admitted to a graduate program

Visiting UT System Students Program

The Visiting U.T. System Students Program is designed to allow upper-level and graduate or professional students enrolled in an institution of the UT System to take courses or engage in research at another institution within the UT System during a regular semester or summer session. Each campus must appoint an individual designated to coordinate the visiting student program at both the home and host institution. Every campus has the responsibility to determine the

academic qualifications necessary for their students to participate in the visiting program. Approval of a student's proposed visitation will be contingent on space and desired courses being readily available in the proposed visitation program and, for participation in a research laboratory, on approval of the director of the laboratory (*Rules and Regulations* of the Board of Regents, Rule 50701).

University Honors Program

The University Honors Program provides intellectually enriching opportunities for academically talented and motivated students at UT Tyler. The emphasis is on small classes, enriched coursework, independent learning, speaking and writing, research within the discipline, sharing ideas, and discovering new worlds beyond the campus.

Eligibility

The Honors Program is open to all majors. Students may enter the Honors Program in the fall semester of their first year or in a subsequent semester as a transfer student. The application for admission to the Honors Program is separate from the application for admission to the university, and must be submitted separately to the Honors Program Office. Contact Dr. Paul Streufert, Director of the University Honors Program, at 903-565-5823 or e-mail: pstreufert@uttyler.edu or honors@uttyler.edu.

Honors Endowed Scholarship

Students who meet the entrance requirements for the University Honors Program as first-semester freshmen are eligible to receive an Honors Endowed Scholarship. Honors students will receive an additional scholarship as long as they remain in good standing in the Honors Program. Students who enter the Honors Program after the freshman year are also eligible for the Honors Endowed Scholarship.

The application to the Honors Program serves as application for the Honors Endowed Scholarship. No additional scholarship application is required.

Honors Curriculum

The curriculum of the UT Tyler Honors Program consists of a minimum of 12 hours of honors courses for the university's core curriculum, 6 hours of honors in the major/contract courses, and an honors senior project. To be eligible for special Honors designation at graduation, students must complete the 18-hour Honors Program and attend all Honors Colloquia, as described below.

Honors Colloquium

One of the hallmarks of the Honors Program is the Honors Colloquium, which is an opportunity for students to meet and talk with scholars, as well as local, regional, and national leaders about topics that relate to each semester's courses. Colloquia may also include museum trips, service projects, productions, and other leadership and learning activities. Typically the Honors Program hosts four colloquia per semester.

Honors in the Core (12 hrs.)

Honors students must enroll in one Honors Seminar (HNRS) in each of the student's first 4 semesters. These 12 hours of Honors Seminars will replace 12 hours of standard Core Curriculum. Students will be required to meet the remaining hours of the Core Curriculum as determined by the Honors director.

Honors in the Major/Contract Courses (6 hrs.)

Each semester of the junior year, students will enroll in Honors in the Major or contract courses in their major in which they will complete an additional research project. Contract courses will be chosen in consultation with the Honors director.

Honors Senior Project

In their final two semesters, students will complete an honors project in the major. The project will be written under the guidance of a faculty member in the student's discipline with the approval of the Honors director.

Articulation Agreements

Articulation Agreements, which are designed to offer students continuity when transferring from a community college to a baccalaureate degree, have been signed between UT Tyler and several regional community colleges. Please contact the Academic Advising Center for further information.

General Baccalaureate Degree Requirements

Each candidate for the baccalaureate degree must fulfill the following requirements:

1. Consult with the appropriate academic advisor(s) and complete all requirements outlined in the Patriot Advising Report (PAR).
2. Complete Core Curriculum requirements with a grade of "C" or better in each course.
3. Complete a minimum of 42 upper-division semester credit hours (Refer to your major for any specific additional requirements.)
4. Complete at least 25% of the hours required for the degree at UT Tyler
5. Complete at least 24 of the last 30 upper-division credit hours in residence at UT Tyler.
6. Complete a minimum of 6 upper-division hours in the major field of study at U.T. Tyler. (Colleges or departments may establish more stringent requirements.)
7. Complete a minimum of 120 hours. All hours counted toward this requirement must be unique, non-duplicated credit hours. Credit hours from multiple completions of courses designated specifically as repeatable for credit, up to the designated repeat limit for each such course, are considered unique credit hours.
8. Maintain a 2.0 overall grade point average or higher if required by a specific major.
9. File for graduation on or before the Final Filing Deadline for the semester of graduation. See Graduation Guidelines below.

Core Curriculum Requirements (42 hours)

All students seeking their first baccalaureate degree from UT Tyler are required to satisfy all requirements of the Texas Core Curriculum.

Customarily, students admitted to UT Tyler are subject to the requirements of the Core Curriculum, majors, minors, and emphases/specializations in place as of their term of admission. However, any student first enrolled in an institution of higher education prior to fall 2014 shall have the choice to (1) complete the Core Curriculum requirements in effect in summer 2014, or (2) transition to the current Core Curriculum requirements. Students shall then complete the remaining requirements under the fall 2014 current Core Curriculum. Students are encouraged to see their advisors for guidance on the best option for meeting Core Curriculum requirements.

Core Curriculum and field of study requirements are normally completed at the freshmen/sophomore level. All courses used to complete the Core Curriculum requirements at UT Tyler must be completed with a grade of "C" or better. Please check with your advisor before registering for Core Curriculum courses to ensure that you are registered for the correct classes. (Additional acceptable Core courses may be added; check the web version of the catalog for the most current list.)

When changes occur in curricula students may elect to adopt versions of the Core Curriculum, majors, minors, or emphases/specializations that become available after their terms of admission. Approvals by the appropriate academic advisor(s) are required for any of changes to degree plans.

Foundational Component Areas

Communication (6 hours)

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively. Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

Two of the following courses are required:

ENGL 1301	College Composition I [TCCN: ENGL 1301]
ENGL 1302	College Composition II [TCCN: ENGL 1302]
ENGL 1303	Basic Creative Writing
HNRS 1352	World, Text, and Image II
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]

Mathematics (3 hours)

Courses in this category focus on quantitative literacy in logic, patterns, and relationships. Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

One course from the following:

MATH 1316	Trigonometry [TCCN: MATH 1316]
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]
MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
MATH 1332	Math for Liberal Arts Majors I
MATH 1333	Math for Liberal Arts Majors II
MATH 1342	Statistics [TCCN: MATH 1342]
MATH 1343	Statistics II
MATH 1350	Concepts of Modern Mathematics I [TCCN: MATH 1350]

MATH 2312	Precalculus
MATH 2413	Calculus I [TCCN: MATH 2413]
MATH 2414	Calculus II [TCCN: MATH 2414]
HNRS 2413	Honors Calculus I
HNRS 2414	Honors Calculus II

Life and Physical Sciences (6 hours)

Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

Two courses from the following:

BIOL 1301	Intro to Life Sciences I
BIOL 1302	Intro to Life Sciences II
BIOL 1306	General Biology I [TCCN: BIOL 1306]
BIOL 1307	General Biology II [TCCN: BIOL 1307]
BIOL 1320	Zombie Apocalypse: Biology of Disease
BIOL 1330	Biology in Pop Culture
CHEM 1305	Introductory Chemistry I [TCCN: CHEM 1305]
CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1312	General Chemistry II [TCCN: CHEM 1312]
CHEM 1320	Forensic Chemistry I
CHEM 1321	Forensic Chemistry II
CHEM 1330	Culinary Chemistry
CHEM 1340	The Chemistry of Luxury
CHEM 1350	Chemistry in Action
PHYS 1301	College Physics I [TCCN: PHYS 1301]
PHYS 1302	College Physics II [TCCN: PHYS 1302]
PHYS 1303	Introduction to Astronomy
PHYS 2325	University Physics I [TCCN: PHYS 2325]
PHYS 2326	University Physics II [TCCN: PHYS 2326]

Language, Philosophy and Culture (3 hours)

Courses in this category focus on how ideas, values, beliefs, and other aspects of culture express and affect human experience. Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

One course from the following:

ENGL 2310	Literary Appreciation [TCCN: ENGL 2341]
ENGL 2322	English Literature to the 1780's [TCCN: ENGL 2322]
ENGL 2323	English Literature from the 1780's to the Present [TCCN: ENGL 2323]
ENGL 2350	American Literature Survey [TCCN: ENGL 2326]
ENGL 2362	World Literature through The Renaissance [TCCN: ENGL 2332]
ENGL 2363	World Literature since The Renaissance [TCCN: ENGL 2333]
HNRS 1351	World, Text, and Image I
PHIL 1301	Introduction to Philosophy [TCCN: PHIL 1301]
PHIL 2303	Introduction to Logic
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]

Creative Arts (3 hours)

Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination. Courses involve the synthesis and interpretation of artistic expression and enable critical, creative, and innovative communication about works of art.

One course from the following:

ART 1301	Introduction to Art [TCCN: ARTS 1301]
ART 1306	Art and Film
ART 2303	Art History Survey I [TCCN: ARTS 1302]
ART 2304	Art History Survey II [TCCN: ARTS 1304]
HNRS 2352	World, Text, and Image IV
MUSI 1301	Music Fundamentals
MUSI 1306	Music Appreciation [TCCN: MUSI 1306]
MUSI 2301	Music of the Americas
MUSI 2308	Music Literature [TCCN: MUSI 1307]
THTR 1301	The Theatre: Plays in Performance [TCCN: DRAM 1310]
THTR 1356	The Cinema: Films and Performers

American History (6 hours)

Courses in this category focus on the consideration of past events and ideas relative to the United States, with the option of including Texas History for a portion of this component area. Courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role.

Each of the following courses are required:

HIST 1301	United States History I [TCCN: HIST 1301]
HIST 1302	United States History II [TCCN: HIST 1302]

Government/Political Science (6 hours)

Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas. Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations.

Each of the following courses are required:

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Social and Behavioral Science (3 hours)

Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human.

Courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on the individual, society, and culture.

One course from the following:

ANTH 2346	Introduction to Anthropology [TCCN: ANTH 2346]
ECON 1301	Introduction to Economics [TCCN: ECON 1301]

ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]
GEOG 1313	World Regional Geography [TCCN: GEOG 1303]
HIST 2321	World Civilizations I [TCCN: HIST 2321]
HIST 2322	World Civilizations II [TCCN: HIST 2322]
PSYC 1301	Introduction to Psychology
SOCI 1301	Introduction to Sociology [TCCN: SOCI 1301]

Component Area Option (6 hours)**Human Expression (3 hours)**

One course from the following:

ENGL 1301	College Composition I [TCCN: ENGL 1301]
ENGL 1302	College Composition II [TCCN: ENGL 1302]
ENGL 1303	Basic Creative Writing
HNRS 2351	World, Text, and Image III
MCOM 2307	Mass Media and Society [TCCN: COMM 1307]
SPCM 1311	Introduction to Communication Studies [TCCN: SPCH 1311]

STEM (3 hours)

One to Three courses from the following to total 3 hours:

Life and Physical Sciences or Mathematics	
BIOL 1301	Intro to Life Sciences I
BIOL 1302	Intro to Life Sciences II
BIOL 1306	General Biology I [TCCN: BIOL 1306]
BIOL 1106	General Biology I Laboratory [TCCN: BIOL 1106]
BIOL 1307	General Biology II [TCCN: BIOL 1307]
BIOL 1107	General Biology II Laboratory [TCCN: BIOL 1107]
BIOL 1320	Zombie Apocalypse: Biology of Disease
BIOL 1330	Biology in Pop Culture
BIOL 1340	Genetics and Society
BIOL 1350	Science and Pseudoscience
BIOL 1360	Nature, the Environment, and Ecology
BIOL 2320	Introduction to Microbiology [TCCN: BIOL 2320]
BIOL 2120	Introduction to Microbiology Laboratory [TCCN: BIOL 2120]
CHEM 1305	Introductory Chemistry I [TCCN: CHEM 1305]
CHEM 1105	Introductory Chemistry I Laboratory [TCCN: CHEM 1105]
CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
CHEM 1312	General Chemistry II [TCCN: CHEM 1312]
CHEM 1112	General Chemistry II Laboratory [TCCN: CHEM 1112]
CHEM 1320	Forensic Chemistry I
CHEM 1321	Forensic Chemistry II
CHEM 1330	Culinary Chemistry
CHEM 1340	The Chemistry of Luxury
CHEM 1350	Chemistry in Action

HNRS 2413	Honors Calculus I
HNRS 2414	Honors Calculus II
MATH 1316	Trigonometry [TCCN: MATH 1316]
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]
MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
MATH 1332	Math for Liberal Arts Majors I
MATH 1333	Math for Liberal Arts Majors II
MATH 1342	Statistics [TCCN: MATH 1342]
MATH 1343	Statistics II
MATH 1350	Concepts of Modern Mathematics I [TCCN: MATH 1350]
MATH 1351	Concepts of Modern Mathematics II [TCCN: MATH 1351]
MATH 2113	Calculus I Computer Lab
MATH 2114	Calculus II Computer Lab
MATH 2312	Precalculus
MATH 2413	Calculus I [TCCN: MATH 2413]
MATH 2414	Calculus II [TCCN: MATH 2414]
PHYS 1301	College Physics I [TCCN: PHYS 1301]
PHYS 1101	College Physics I Laboratory [TCCN: PHYS 1101]
PHYS 1302	College Physics II [TCCN: PHYS 1302]
PHYS 1102	College Physics II Laboratory [TCCN: PHYS 1102]
PHYS 1303	Introduction to Astronomy
PHYS 2325	University Physics I [TCCN: PHYS 2325]
PHYS 2125	University Physics I Laboratory [TCCN: PHYS 2125]
PHYS 2326	University Physics II [TCCN: PHYS 2326]
PHYS 2126	University Physics II Laboratory [TCCN: PHYS 2126]

Core Curriculum Transfer and Transient Enrollment

If a student, upon initial transfer or subsequent readmission after one full year or more of non-attendance at UT Tyler, is considered Core Curriculum complete by another Texas public institution of higher education as noted on the student's official transcript from that institution, they are considered Core Curriculum complete by UT Tyler.

In both scenarios academic credit will be awarded for all courses the previous institution has specifically listed on the student's official transcript as applying toward that institution's Core Curriculum, even if those courses do not otherwise meet standard transfer credit requirements. For example, this allows for Core Curriculum courses with a grade of 'D', which are typically rejected, to be accepted.

Any student concurrently enrolled at more than one institution of higher education must follow the Core Curriculum of the institution in which they are classified as a degree-seeking student. Accordingly, all degree-seeking students at UT Tyler must meet the Core Curriculum requirements set forth by UT Tyler to be considered core complete. Students who complete the Core Curriculum of another institution while enrolled at UT Tyler as a degree-seeking student are, regardless of their status with the other institution, only considered Core complete if their coursework satisfies all Core Curriculum requirements at UT Tyler.

Students wishing to complete coursework toward the Core Curriculum at another institution while enrolled as a degree-seeking student at UT Tyler must file an Undergraduate Transient Form.

Pre-Professional Programs

For information on pre-law, pre-theology, pre-med, pre-veterinary or pre-dental programs, see the College of Arts and Sciences section of this catalog.

Double Major

Students at UT Tyler may earn a degree with a double major by completing all requirements set forth by each major. No fewer than 12 semester credit hours in each major field of study must be completed in residence at UT Tyler. Students in pursuit of a double major must meet with an advisor for each major. Both advisors must be made aware the student is in pursuit of a double major so a combined degree plan may be created to satisfy all requirements for both majors.

To qualify as a double major, both majors must end with the same degree type (B.A., B.S., B.B.A., etc.) and be awarded in the same semester. If the two majors end in different degree types, the two majors do not constitute a double major; two majors that do not share a common degree type constitute a double degree (see double degree requirements). If a student in pursuit of a double major chooses to graduate with one major before completing both, then the second major will become a second baccalaureate degree (see second baccalaureate requirements).

Students earning a degree with a double major will receive a single diploma stating their degree (ex. Bachelor of Arts, Bachelor of Science, etc.) and listing both majors. The transcript will show a single degree posting which lists both majors.

Double Degree

To qualify for a double degree (for, example, a BA degree and a BS degree), a student must complete the major requirements for both degrees as stated in the catalog. A minimum of 150 hours is required for a double degree. Students seeking a double degree should consult with advisors for each degree, as total hour requirements will vary dependent upon the requirements for the degrees being pursued. Both degrees must be completed in the same semester, and two separate graduation applications must be submitted. Students earning a double degree will receive a diploma for each degree. The transcript will show separate degree postings for each degree earned.

Second Baccalaureate Degree

To earn a second baccalaureate degree, the student must complete the requirements for the second major; six hours of U.S. History, three hours of Texas Government and three hours of U.S. Government (if not taken as part of the first degree); and satisfy any lower-level requirements for the second degree. A second baccalaureate degree requires the completion of a minimum of 30 hours of resident credit in addition to the hours required for the first degree.

Graduation Guidelines and Procedures

Catalog of Graduation

In order to graduate, a student must fulfill catalog requirements in effect at matriculation or any subsequent catalog during their period of enrollment. A catalog over six years old may be used to determine requirements for a degree only if the student has been enrolled continuously in fall and spring semesters. If a student has not enrolled at UT Tyler in the past year, the student is required to complete a readmission application. Students who complete a readmission application are admitted under the catalog in effect at the time of readmission.

Filing for Graduation

All students at UT Tyler must formally apply for graduation by completing the following guidelines:

1. Pay the non-refundable graduation fee via their Student Center or at the Enrollment Services Center* (ADM230).
2. Formally apply for graduation using the Apply for Graduation feature in their Student Center between the First Date to File and Final Filing Deadline for the semester in which they plan to graduate.

In order to facilitate a timely pre-graduation review of their graduation eligibility, all students are highly encouraged to apply prior to the Priority Filing Date for their term of graduation, as listed below.

**Students attending the Longview or Palestine campuses may pay the graduation fee at the main offices on those campuses.*

First Date to File:

Fall graduation	February 1
Spring graduation	July 1
Summer graduation*	October 15

Priority Filing Dates:

Fall graduation	Fall Census Date
Spring graduation	Spring Census Date
Summer graduation*	Long Summer Census Date

Students must file for graduation no later than the Final Filing Deadline, as listed below, for the term in which they wish to graduate. All Final Filing Deadlines will be extended to the next available business day in the event they fall on a weekend or holiday. The Final Filing Deadlines for Fall and Spring terms are also the deadline for inclusion in the commencement program. The Apply for Graduation feature will not allow students to file for graduation in any term after the relevant Final Filing Deadline.

Final Filing Deadlines:

Fall graduation	November 01
Spring graduation	March 15
Summer graduation*	July 15

*Summer graduates must participate in the following Fall commencement ceremony, and are automatically included in the program. Early participation in the preceding Spring ceremony is not permitted.

Students will receive updates on the status of their Application for Graduation from the department of their major field of study. Updates about the commencement ceremonies will be distributed by the Office of the Registrar.

Additional information regarding graduation processes and commencement exercises is available at www.uttyler.edu/registrar/graduation.

Graduation with Honors

Candidates for the Baccalaureate degree may graduate with academic honors if they complete a minimum of 45 semester hours of undergraduate credit at UT Tyler. Only semester hours which earn grade point credit may be used to satisfy the 45-semester hour requirement. Second Baccalaureate degree candidates are eligible for academic honors if they complete a minimum of 45 semester credit hours of resident credit in addition to the hours required for the first degree. No duplication of hours from a previous degree can be used toward the 45 hour requirement. Second Baccalaureate degree candidates are eligible for academic honors if they complete a minimum of 45 semester credit hours of resident credit in addition to the hours required for the first degree. No duplication of hours from a previous degree can be used toward the 45 hour requirement. Honors will be awarded to the following final grade point averages:

<i>Summa Cum Laude</i>	3.90 to 4.00
<i>Magna Cum Laude</i>	3.70 to 3.89
<i>Cum Laude</i>	3.50 to 3.69

This recognition will be noted on the student's transcript and diploma after official verification of final grades. Honor Cords will be presented at the Commencement Ceremony based on the students' semester credit hours and grade point average as-of the semester prior to graduation; this may differ from honors earned after official verification of final grades.

Verification of Degree

A degree will not be granted until all requirements have been verified. All graduation requirements (e.g. grades of incomplete, transcripts from other institutions) must be satisfied within 30 days following the commencement ceremony. If the requirements have not been verified by this date, the student will be denied graduation and must re-file for graduation subject to the filing for graduation guidelines.

Economics of Timely Graduation

Students need to understand that there are real and significant economic benefits to maintaining good progress toward their degrees and graduating in four years or less. Students who take five years to graduate will pay an additional \$115 in academic costs, and students who take six years to graduate will pay an additional \$232 in total academic costs compared to students who graduate in four years. More important than

these costs are the earnings students lose by delaying graduation. Data from the United States Census Bureau indicate that young college graduates earn about \$13,000 more per year than young adults with only some college. Thus students who graduate in five years forfeit \$13,000 in earnings, and those who graduate in six years forfeit \$26,000 compared to students who graduate in four years.

UNDERGRADUATE ACADEMIC POLICIES

Student Scholastic Load

The minimum credit hour load to be considered a full-time undergraduate student is 12 semester hours during a fall or spring semester or six semester hours during a regular summer session. The maximum credit hour load permitted is 18 hours during a fall or spring semester, six hours during a regular summer session and six hours during long summer (Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter A, Rule § 4.6). Students wishing to exceed the maximum credit hour load must obtain permission from the Dean of the College of their major.

Course Numbering System

The course numbering system consists of a four-letter discipline abbreviation followed by a four-digit number. The first digit represents the level of the course: freshman level courses are 1000 series, sophomore level courses are 2000 series, junior level courses are 3000 series, and senior level courses are 4000 series. The second digit indicates the semester credit hour value of the course. The last two digits are the distinguishing numbers of the course within the department.

Registration Procedures

UT Tyler encourages students to participate in the online registration periods for which scheduled dates and times are published in a brochure each semester. Online registration is made available via the *myUTTyler* system. Students may add and drop during the period beginning the first day of online registration and ending on the Census Date. Students desiring to add and drop during this period of time may do so through the registration process at the Enrollment Services Center. Some enrollments may require additional permissions.

Course Enrollments

The university reserves the right to cancel a scheduled course upon evidence of inadequate enrollment. Normally a minimum of ten students is required in an undergraduate course.

Course Syllabi

Links to course syllabi for courses taught in the current semester may be found at <http://www.uttyler.edu/catalog/syllabi.php>. Course syllabi are posted at least 2 weeks before the beginning of each semester.

Visitation Policy

Campus facilities are not open for general public use. Individuals not enrolled in a course must have prior approval of the instructor to visit a class.

Auditing

A student may not audit a course offered on an individual instruction basis or a course requiring the use of laboratories, computers, or studios. A student who audits a course will not receive credit for the course, nor be eligible for advanced standing examination. Participation in class activities is at the discretion of the instructor.

A student may audit a course by taking the following steps:

1. Obtain an audit application at the Enrollment Services Center (ADM 230) if you are not currently an active student.
2. Obtain an audit form at the Enrollment Services Center (ADM 230)
3. Between the first day of classes and the Census Date secure consent of the instructor and department chair or dean.
4. Return the completed form to the Enrollment Services Center to complete the registration process.
5. Pay the \$50 audit fee in the Enrollment Services Center (ADM 230) or online. Courses above three credit hours may incur higher audit fees. Residents of the State of Texas who are 65 years of age or older are exempt from this charge. Please contact the Enrollment Services Center (ADM 230) to secure this exemption.

Declaration/Change of Major

All undergraduate students are required to declare a major, and are encouraged to do so at the time of application to the University. In accordance with House Bill 3025, any student who has earned 45 or more credit hours without declaring a major must do so no later than the end of the second regular (fall/spring) semester following the semester in which the student's earned credit hour total reached 45 or more. Failure to do so will result in the student being blocked from registering for courses until a major has been declared. The change of major form can be submitted to the Enrollment Services Center upon completion. If a student decides to change majors, the student should consult with both the advisor in the current major and in the new major.

Students who change majors must meet the specific requirements for the new major as stated in the catalog in effect at the time of the change of major. See the Core Curriculum Requirements policy for additional information regarding changes of major and other degree plan requirements.

Degree Plan/Patriot Advisement Report (PAR)

Actively enrolled students can access their official degree plan, the Patriot Advisement Report (PAR), through the *myUTTyler* system. Any exceptions to the PAR must be approved by an academic advisor.

Required Academic Proficiency Assessment

All junior level students, including transfer students, are required to complete the ETS^R Proficiency Profile assessment test after completion of 60 semester credit hours. Students who have not completed the assessment before registering for 90 semester credit hours will have a hold placed on their registration. Students pursuing a *second* baccalaureate degree are exempt from the assessment requirement.

Completing the assessment is a graduate requirement although individual student scores are not used by the University. There is no student fee for the assessment.

The ETS^R Proficiency Profile is offered at the main Tyler Campus, the Longview University Center, and the Palestine Campus and for UT Tyler engineering students at the Houston Community College District – Alief Campus.

Additional information including the schedule and location for the Tyler campus Testing Center is posted at <http://www.uttyler.edu/aie/profile.php>.

Students who test at the Longview University Center should call 903-663-8000 or send an email to luctesting@uttyler.edu to schedule an assessment session.

Students who test at the Palestine Campus should contact the Support Services Analyst at 903-727-2317.

UT Tyler Houston Engineering students on the Alief Campus should contact Christine Smith at 903-565-6570.

Students who qualify for special accommodations should contact their testing site proctor.

Grading System

At the end of each regular semester and summer session, grades are available to the student through the student information system by web access.

Grades, levels of performance, and grade points awarded for undergraduate coursework at UT Tyler are as follows:

Grade	Level of Performance	Grade Points
A	excellent	4
B	good	3
C	fair	2
D	poor	1
F	failing	0

Designations and other symbols that do not earn grade points and are not used for calculation of grade point averages are as follows:

symbol

P/F	pass/fail -- passing work is anything "D" or above. (See Pass/Fail policy below)
CR	credit with semester credit hours awarded (See Credit/No-credit option policy.)
NC	no-credit with no semester credit hours awarded (See Credit/No-credit option policy.)
I	incomplete coursework (See Incomplete policy)
W	withdrawal (See Withdrawal policies)
Q	withdrawal exempt from 6 Drop Rule (See 6 Drop Rule)
AU	audit
IP	indicates In Progress; grade is changed only when coursework sequence is completed

There is a one-year time limit for grade changes and only the original instructor of the course may change a grade. CR, P, Q, W, and AU designations may not be changed to letter grades. An "I" must be resolved within one year. Grades of "I" not resolved within one year will automatically lapse to grades of "F". See specific sections that elaborate on the institutional policies concerning the designations CR/NC, I, IP, Pass/Fail, Q and W.

Calculation of Grade Point Average

Grades A, B, C, D, and F and the associated semester credit hours will be used to calculate grade point averages. The designations I, Q, W, CR, NC, and AU and the associated semester credit hours will not be used.

If a student repeats a course and requests grade forgiveness, only the last grade earned and the last semester credit hours attempted are used to compute the grade point average. If grade forgiveness is not requested, then both grades will be calculated and used to compute the grade point average (See Repeating Courses (p. 26) and Grade Forgiveness Policy (p. 26)). If the student receives a Q, W or I in the repeated course, then the previous grade continues to be used to compute the grade point average.

Hours and grade points earned at other institutions are not used in computing the grade point average.

Credit/No-Credit Option

Students may elect to enroll in some courses on a credit/no-credit basis. Certain courses in the curriculum may be taken only on a credit/no-credit basis. The following provisions apply to courses taken on a credit/no-credit basis:

1. Registration Form requiring the signature of the student's advisor.
2. The designation CR will not be changed to a grade of A, B, C, or D.
3. The designation of CR and NC will not be used in calculating the grade point average.
4. The designation CR will be counted toward the total number of hours passed.

NOTE: Students intending to apply to law school should not take courses using the CR/NC option as most law schools interpret a CR as a "C" and an NC as an "F."

Incomplete Policy

If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in lieu of a grade only when all of the following conditions are met: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all course work or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor; and (c) the student presents these reasons prior to the time that the final grade roster is due. The semester credit hours for an Incomplete will not be used to calculate the grade point average for a student.

The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to complete all of the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has not been assigned within one year, then the Incomplete will be changed to an F.

IP Grade

The IP "in progress" grade is used for pre-defined courses such as internship or supervised practice in a public school setting that normally extend past the grading period deadline. It may also be used for a sequence of courses such as thesis and dissertation where a final grade is not recorded until the sequence is completed.

Courses that use the "IP" grade are designated as such during the course approval process or grandfathered in on approval of the Office of Academic Affairs. The "IP" grade can only be applied to such courses and does not substitute for the "I" grade. An IP grade remains on the transcript until the final grade is changed via the Change of Grade Form.

Courses graded IP are not used in calculating a student's grade point average until graduation. At that time, courses still on the record as IP will be treated as courses attempted, but the IP will remain.

Pass/Fail Policy

To register for a class on a Pass/Fail basis, a student must have the signatures of his/her advisor and the instructor for the course on a Registration Form.

1. Students may take only one course per semester for P/F credit. Students may take only three courses on a P/F basis during their undergraduate career at UT Tyler.
2. The P/F option is not permitted to be used in the Core Curriculum.
3. The P/F option may not be used for any course that fulfills a student's major or minor requirements, including those courses which are required by, but offered outside of, the major or minor department.
4. Students on academic probation may not enroll in a course on a P/F basis.

5. A course cannot be changed from a P/F basis to letter grade or vice versa after the first five class days.
6. A final grade of P will not be changed to a grade of A, B, C, or D.
7. A final grade of P will be counted in the total number of hours passed.
8. To be eligible for the President's or Dean's List, a student must take a minimum of 12 semester hours of graded credit; thus 9 graded credits and 3 P/F credits do not qualify for consideration. A student who earns an "F" in a pass/fail course is not eligible for President's or Dean's List in the term in which the grade is assigned, regardless of the number of credits taken or GPA earned.

NOTE: Students intending to apply to law school should not take courses using the P/F option as most law schools interpret a "P" (passing) as a "D" or "C."

Repeating Courses

A student may repeat any undergraduate course previously taken at UT Tyler if the last grade received in the course was a D or F. Repeated courses may not be taken on a CR/NC or P/F basis. Students repeating a single course more than two times may be billed at a higher tuition rate. All grades will appear on the student's official transcript. Once the baccalaureate degree has been awarded by UT Tyler, a student may repeat a course taken prior to graduation, but the repeated course will not be used to recalculate the grade point average.

Grade Forgiveness

A student will receive grade forgiveness (grade replacement) only for three course repeats during his/her undergraduate career at UT Tyler. Grade forgiveness means that only the last grade earned is used to compute the grade point average. However, all grades will appear on the student's official transcript.

A student must file a Grade Replacement Contract with the Enrollment Services Center by the Census Date (see Academic Calendar for date) of the semester in which the course will be repeated. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate overall grade point average. In instances where a course with an original grade of D is repeated without a Grade Replacement Contract, and the repeat results in a grade of D or higher, only the credit hours from one attempt may be counted toward the 120 unique credit hours required for a baccalaureate degree (See General Baccalaureate Degree Requirements).

If a student repeats a course for grade forgiveness within two academic years of the original attempt, their academic standing for the term in which the original grade was awarded and each subsequent term will be reassessed to account for the exclusion of the original grade from the grade point average. This reassessment will not be conducted for repeats more than two years after the original grade was awarded.

If a student attempts to repeat a course but withdraws and receives an automatic "Q" or "W," the attempt counts against the grade forgiveness limit and the original grade remains. Students may, on or prior to the Census Date, request in writing to withdraw a Grade Replacement Contract by contacting the Enrollment Services Center.

A student may not exercise grade forgiveness for courses taken at UT Tyler and repeated at another college or university, nor may grade

forgiveness be used when a course taken elsewhere is repeated at UT Tyler. The grade forgiveness option may not be exercised to remove a grade awarded in a case of academic dishonesty.

Once the baccalaureate degree has been awarded by UT Tyler, grade forgiveness may not be used to replace a grade taken before graduation.

Implementation

The policy affects all students repeating courses Fall 2006 and thereafter, no matter when the course being repeated was originally taken. The grade forgiveness limit is not applicable to courses repeated before Fall 2006. Academic standing reassessment for courses repeated within two academic years is effective beginning with the Fall 2015 term, with academic standing reassessments effective only for terms Fall 2013 and more recent.

6-Drop Rule

Any student who began college for the first time as a freshman in Fall 2007 or thereafter may not drop more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the published Census Date (See Academic Calendar located at <http://www.uttyler.edu/calendar/> for the date).

Exceptions to the 6-drop rule include, but are not limited to, the following:

1. totally withdrawing from the university;
2. being administratively dropped from a course by an instructor or the university;
3. dropping a course for a provable illness or disability, for care for a sick or injured person, or for a death in the immediate family;
4. dropping a course for documented change of work schedule;
5. dropping a course for active duty service with the U.S. armed forces or Texas National Guard;
6. dropping a course that does not carry college-level credit such as a developmental course or a zero-credit course; or
7. dropping courses taken as required co-requisites such as a lecture class with a required laboratory. In such cases the lecture and lab are counted as one drop when dropped at the same time.

Petitions for exemptions must be submitted to the Enrollment Services Center and accompanied by documentation of the extenuating circumstances beyond performance in the course. Please contact the Enrollment Services Center if you have any questions.

A grade of "Q" will appear on the official transcripts of any student who has dropped a course where an exemption or exception was granted; this takes the place of the standard "W" grade. All Texas institutions are required to honor the exemptions and exceptions granted by a transferring institution. Procedures for implementing the law vary among institutions. Therefore, students have an obligation to keep track of the number of non-exempted dropped courses across all institutions to ensure that they do not exceed the six dropped courses limit.

How to Withdraw

All students should meet with their advisor and instructor prior to withdrawing from a course. In addition, students should review the

Academic Calendar located on the University home page for "W" withdrawal dates. Students are eligible to withdraw from class(es) through the 60 percent period, the final day of which is noted as the "last day to withdraw from one or more courses" on the Academic Calendar, of each semester. For more information regarding refunds, please see the Schedule of Refunds in this catalog.

Students may not officially withdraw from a course after the 60 percent period, and will receive an official grade based on their completed work in each course. Appeals to have the official grade(s) for one or more courses changed to a "W" must be submitted in writing to the Enrollment Services Center and include documentation of non-academic circumstances (e.g., family emergency, work transfer, etc.) that prevented timely withdrawal from the course. Each such appeal will be reviewed and ruled on by the Student Appeals Committee. Students will be notified of the results of their appeal via their student email accounts.

The drop form must be signed by the course instructor, the department chair, or the major college Dean. All drops at this time should be for urgent, serious, and compelling reasons. Proper documentation is required. The drop process is not complete until the signed drop form is returned to the Enrollment Services Center. Students are encouraged to keep a copy of their drop form. Students completely withdrawing from the University are not required to obtain instructor, department chair, or Dean signatures.

Dropping or withdrawing from classes may affect financial aid eligibility, veteran's benefits, athletic eligibility, or international student status. Students may be required to consult with those departments prior to dropping or withdrawing.

Students may also withdraw by submitting a request from their Patriot email to Enroll@uttyler.edu, which must include all course information, the reason for withdrawal, and the student's ID number. Requests from non-Patriot email accounts will not be honored. Students using this method are responsible for obtaining and forwarding instructor, department chair, or major college Dean permissions as described for standard withdrawal requests. If these permissions are obtained via emails, the permissions must originate from those individuals' official UT Tyler email account. Student responses to one or more follow-up emails, which may include consultation regarding financial aid eligibility, veteran's benefits, athletic eligibility, or international student status, will be required before such drop requests are finalized.

Withdrawal for Active Military Service

If a student withdraws because of a call to active military service, the university, at the student's option, shall:

1. refund the tuition and fees paid by the student for the semester in which the student withdraws;
2. grant a student, who is eligible under the institution's guidelines, an incomplete grade in all courses by designating "withdrawn-military" on the student's transcript; or
3. as determined by the instructor, assign an appropriate final grade or credit to a student who has satisfactorily completed a substantial amount of coursework and who has demonstrated sufficient mastery of the course material. (See Excused Absences for Active Military Service (p. 28))

Students must provide a copy of their official orders, or a statement from their commanding officer, to the Enrollment Services Center as part of exercising a withdrawal under this policy.

Class Attendance/Excused Absences

Class attendance is the responsibility of the student. When a student has a legitimate absence, the instructor may permit the student to complete missed assignments. In many cases, class participation is a significant measure of performance, and non-attendance may adversely affect a student's grade. When a student's absences become excessive, the instructor may recommend that the student initiate a withdrawal.

Excused Absence for University Events or Activities

When it is necessary for students to miss one or more regularly scheduled classes in order to participate in an official university event or activity, faculty sponsors and program directors will assist students to assure they have the opportunity to make up missed work. In doing so they are requested to observe the following procedures:

1. At least one month prior to the date(s)* on which students will be absent from class, the faculty sponsor or program director shall send a memorandum to the Chief Student Affairs Officer. This memorandum shall include information concerning the nature of the event or activity, the dates(s) on which students will be absent from class, and the names of the students involved. The Chief Student Affairs Officer approves the requested student absence by initialing the memorandum and returning it to the faculty sponsor or program director.
2. The faculty sponsor or program director provides copies of the memorandum to the students.
3. Each student delivers a copy of the memorandum to the instructors, in person, at least two weeks* prior to the date of the planned absence. At that time the instructor will set a date and time with the student when the make-up assignment or equivalent work will be completed. Make-up work will be mutually arranged; however, availability of the instructor will be given priority in setting the arrangements.
4. It is expected that students will not abuse the privilege of being absent from class for authorized university events or activities.

**Events scheduled within the first month of an academic term may require a shortened lead time.*

Excused Absence for Religious Holy Days

An institution of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

Any student seeking to be excused for religious observance, must provide written notification to the instructors at least two weeks* prior to the date of the planned absence. At that time the instructor will set a date and time with the student when any make-up assignment or equivalent work will be completed. Make-up work will be mutually

arranged; however, availability of the instructor will be given priority in setting the arrangements.

It is expected that students will not abuse the privilege of being absent from class for religious observance.

***Events scheduled within the first month of an academic term may require a shortened lead time.*

Excused Absence for Active Military Service

Any student who has been called up for military service after a semester begins should immediately provide the Enrollment Services Center and course instructors a copy of the military orders. Such students are excused from attending classes, turning in assignments, taking examinations or participating in any other required activity **if the absence is for no more than 25% of the total number of class meetings** (excluding final examination period). If the absence is for more than 25% of the class meetings, please refer to the policy on Withdrawal for Military Service.

Within 5 days of the student returning to UT Tyler from active service, he or she shall notify the Enrollment Services Center and course instructors. The student will be allowed to complete all assignments and examinations within a reasonable time as agreed upon by the course instructors and under the same requirements in effect when the student enrolled in the course.

Should any dispute arise as to the student's inability to complete assignments or examinations within a reasonable time after the absence, the student should first seek informal resolution with the faculty member, the department chair and then the dean of the college in which the course or courses are located. If an informal process is not successful, the student may institute a grade grievance process after the final course grade is recorded.

Final Examinations

Final examinations are administered as scheduled. If unusual circumstances require that special arrangements be made for an individual student or class, the dean of the appropriate college, after consultation with the faculty member involved, may authorize an exception to the schedule.

Academic Honors

President's Honor Roll

In order to qualify for the President's Honor Roll, a student must have completed, in one semester, 12 or more semester hours of undergraduate college-level credit with a grade of A in all courses. To be considered for such recognition in any semester, a student must qualify as a matriculated student pursuing a first bachelor's degree. The President's Honor Roll is awarded in Fall and Spring semesters only.

Dean's List

In order to qualify for the Dean's List, a student must have completed 12 or more semester hours of undergraduate college-level credit in the

awarding semester with a grade point average of at least 3.75. Students named to the President's Honor Roll are not named to the Dean's List. To be considered for such recognition in any semester, a student must qualify as a matriculated student pursuing a first bachelor's degree. The Dean's List is awarded in Fall and Spring semesters only.

Academic Probation/Suspension

Probation

A student who has a cumulative grade point average of less than a 2.0 will be placed on academic probation. For the purposes of determining academic probation, the summer sessions combined are treated as one semester.

Students on academic probation who fail to earn a semester grade point average of at least 2.0 will be placed on academic suspension.

A student on academic probation should not register for more than 12 semester hours and must obtain the advisor's or department chair's approval to register.

Hours and grade points earned at other institutions are not used in computing the grade point average.

Students who leave the university while on academic probation will retain probationary status on their return.

Suspension

Students on academic probation who do not earn a semester grade point average of 2.0 or above in the next semester of enrollment will be placed on academic suspension. Students on academic suspension will not be eligible to enroll for classes at UT Tyler for the period listed below. Readmission after the first or second suspended term will require the permission of the student's advisor or department chair, and the dean of the college of their major.

First Academic Suspension-- one regular semester or one full summer

Second Academic Suspension-- 12 months

Third Academic Suspension-- Permanent Dismissal.

Petitions for readmission to the university following the first and second suspensions may be obtained from the Enrollment Services Center. It is recommended that the petition be submitted, with appropriate permissions, six weeks prior to the beginning of the semester in which the student wishes to enroll.

A student admitted to the university after having been suspended will be subject to the same restrictions as students on academic probation upon their return.

Academic Probation/Suspension for First-time Freshmen

Probationary or suspended students who are first-time freshmen will be required to participate in academic support programs such as Mentoring and Advising Patriots for Success (MAPS). Failure to participate in the required program(s) may result in additional registration and enrollment

restrictions. First-time freshmen will need to consult with their freshman advisor to plan an appropriate support program and to determine the steps necessary for compliance. A student who fails to comply by the deadline will be enrolled in the appropriate support program(s) associated course at the university's discretion and will receive notification via Patriot email.

Academic Grievances

Academic related grievances, such as disputes regarding grades, must be initiated within sixty (60) days from the date of receiving the final course grade by filing a Grade Appeal Form with the instructor who assigned the grade; this is separate from the Application for Appeal form submitted to the Student Appeals Committee, which does not rule on grade disputes as described in this policy. If the student is not satisfied with the decision, the student may appeal in writing to the appropriate Chairperson of the department from which the grade was issued. Grievances may then be appealed to the Academic Dean and the Provost and Senior Vice President for Academic Affairs. Grade Appeal Forms are available in each academic dean's office.

Student Records

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA), 20 U.S.C. §1232g, and the Texas Public Information Act, Texas Government Code §552.001 et seq., are respectively a federal and state law that mandate the review and disclosure of student educational records. In accordance with these laws, the University has adopted the following policy. Individuals are informed of their rights under these laws through this policy, which is included in the University Handbook of Operating Procedures (HOP) and Catalog. The Catalog is available on the UT Tyler website and the HOP is available in the University Library, administrative offices, and on the UT Tyler website.

The University will not permit access to or the release of personally identifiable information contained in student education records without the written consent of the student to any party, except as follows:

1. to appropriate university officials who require access to educational records in order to perform their legitimate educational duties;
2. to officials of other schools in which the student seeks or intends to enroll, upon request of these officials, and upon the condition that the student be notified and receive a copy of the record if desired;
3. to federal, state, or local officials or agencies authorized by law;
4. in connection with a student's application for, or receipt of, financial aid;
5. to accrediting organizations or organizations conducting educational studies, provided that these organizations do not release personally identifiable data and destroy such data when it is no longer needed for the purpose it was obtained;
6. to the parents of a dependent student as defined in section 152 of the Internal Revenue Code of 1954, provided a reasonable effort is made to notify the student in advance;
7. in compliance with a judicial order or subpoena, provided a reasonable effort is made to notify the student in advance unless such subpoena specifically directs the institution not to disclose the existence of a subpoena;
8. in an emergency situation if the information is necessary to protect the health or safety of the students of other persons; or

9. to an alleged victim of any crime of violence, the results of the alleged perpetrator's disciplinary proceeding may be released.
10. research papers and theses authored by the student will be available to interested members of the public.

The University will release information in student education records to appropriate University officials as indicated in (1) above when such records are needed by administrators, faculty, or staff in furtherance of the educational or business purposes of the student or University.

A record of requests for disclosure and such disclosure of personally identifiable information from student education records shall be maintained the Office of the Registrar for each student and will also be made available for inspection pursuant to this policy. If the institution discovers that a third party who has received student records from the institution has released or failed to destroy such records in violation of this policy, it will prohibit access to educational records for five (5) years. Respective records no longer subject to audit nor presently under request for access may be purged according to regular schedules.

Directory Information

At its discretion, the University may release Directory Information, which shall include:

1. name, address, telephone number
2. major field of study at UT Tyler
3. dates of attendance
4. most recent previous educational institution attended
5. classification
6. degrees, certificates and awards received
7. date of graduation
8. e-mail address
9. photographs
10. participation in officially recognized activities and sports
11. weight and height of members of athletic teams
12. enrollment status (e.g., undergraduate or graduate; full-time or part-time)

Students may have all Directory Information withheld by notifying the Enrollment Services Center in writing by the Census Date of each semester. If the student restricts the release of Directory Information, a notation is placed in the student record system and no information can be released on that student. Request for non-disclosure will be honored by the institution until the student notifies the Enrollment Services Center in writing that Directory Information may be released.

All other information may not be released without written consent of the student. Grades, student identification numbers, ethnic background, and student schedules may not be released to anyone other than the student.

Access to File

Upon written request, the University shall provide a student with access to his or her educational records. The Vice President for Business Affairs has been designated by the institution as the custodian of records and as such to coordinate the inspection and review procedures for student education records, which include admissions files, academic files, and financial files. Students wishing to review their education records must make written requests to the Vice President for Business Affairs listing

the item or items of interest. Education records covered by the Act will be made available within 45 days of the request.

Educational records do not include:

1. financial records of the student's parents or guardian;
2. confidential letters of recommendation which were placed in the educational records of a student prior to January 1, 1975;
3. records of instructional, administrative, and educational personnel which are kept in sole possession of the maker and are not accessible or revealed to any other individual except a temporary substitute for the maker;
4. records of law enforcement units;
5. employment records related exclusively to an individual's employment capacity;
6. medical and psychological records;
7. thesis or research paper; or
8. records that only contain information about an individual after the individual is no longer a student at the institution.

Challenge to Record

Students may challenge the accuracy of their educational records. Students who believe that their education records contain information that is inaccurate or misleading, or is otherwise in violation of their privacy may discuss their problems informally with the Registrar. If agreement is reached with respect to the student's request, the appropriate records will be amended. If not, the student will be notified within a reasonable period of time that the records will not be amended, and they will be informed by the Registrar of their right to a formal hearing.

Student requests for a formal hearing must be made in writing to the Registrar who, within a reasonable period of time after receiving such requests, will inform students of the date, place and the time of the hearing. Students may present evidence relevant to the issues raised and may be assisted or represented at the hearings by one or more persons of their choice, including attorneys, at the student's expense. The hearing officer that will adjudicate such challenges will be appointed by the Vice President for Academic Affairs.

Decisions of the hearing officer will be final, will be based solely on the evidence presented at the hearing, will consist of the written statements summarizing the evidence and stating the reasons for the decisions, and will be delivered to all parties concerned.

The education records will be corrected or amended in accordance with the decision of the hearing officer, if the decision is in favor of the student. If the decision is unsatisfactory to the student, the student may place with the education records statements commenting on the information in the records or statements setting forth any reasons for disagreeing with the decision of the hearing officer, or both.

The statements will be placed in the education records, maintained as part of the student's records, and released whenever the records in question are disclosed.

Students who believe that the adjudications of their challenges were unfair or not in keeping with the provisions of the Act may appeal in writing to the President of the institution.

Copies

Students may have copies of their educational records upon requests. These copies will be made at the student's expense at rates authorized in the Texas Public Information Act, except for transcripts and other records which may be subject to specific fees pursuant to other legislative enactments. Official copies of academic records or transcripts will not be released for students who have a delinquent financial obligation or a valid "hold" at UT Tyler.

Complaints

Complaints regarding alleged failures to comply with the provisions of FERPA may be submitted in writing to the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue SW, Washington, D.C. 20202-4605. Additional FERPA information can be found at <http://www2.uttyler.edu/registrar/ferpa/index.php> and in the UT Tyler Student Handbook.

STUDENT AFFAIRS

The Division of Student Affairs creates an engaging student experience and supports student success and the mission of the University through high quality, effective services and programs that encourage diverse perspectives and cultivate civic responsibility.

Alumni Association

The University of Texas at Tyler Alumni Association supports the university by connecting, engaging, and celebrating the alumni and friends of U.T. Tyler. It holds special events including homecoming festivities, the Alumni Gala, and Distinguished Alumni Awards. Alumni member dues help support alumni programs and initiatives. All former students that received a degree from UT Tyler may become members of the association. For more information contact the Alumni Office at 903.566.7316, alumni@uttyler.edu, or www.uttyler.edu/alumni.

Campus Activities

The Office of Campus Activities at The University of Texas at Tyler provides students with opportunities for engagement, involvement, development, and leadership. UT Tyler Patriots have numerous opportunities to become involved in several University traditions facilitated by Campus Activities which include Patriot Palooza (Welcome Week), Homecoming, and Patriot Days (student appreciation week). Students may also play an active role in contributing to campus life by serving on the Campus Activities Board (CAB) student organization. CAB plans and hosts various campus events including concerts, comedians, cultural events, and movies. For more information, contact Campus Activities at 903.565.5645 or visit the website at: www.uttyler.edu/sll/campusactivities/.

Career Services

Office of Career Services provides guidance, support and resources to students and alumni as they navigate the career development process.

Career Services promotes faculty involvement in the career development process through collaborative relationships and classroom presentations. It provides assistance for various initiatives such as self-awareness, career exploration, job search, resume writing and interview preparation; develops collaborative partnerships with business, government, education, and community services; and promotes an understanding of the relationship of education to work.

For more information, please contact the Office of Career Services at 9035655862 or careersvc@uttyler.edu. Please visit our website: www.uttyler.edu/careerservices.

Center for Students in Recovery

The Center for Students in Recovery provides a supportive community where students in recovery and in hope of recovery can achieve academic, personal and professional success while enjoying a genuine

college experience free from alcohol and other drugs. Current available services include 12-step meetings, Al-Anon meetings, connection to a welcoming, inclusive, on-campus recovery community, service opportunities and referrals. For more information on services please call 903.566.7406 or visit www.uttyler.edu/recovery.

Complaints and Grievances Process

Throughout this chapter and others there are references to policies and procedures for bringing complaints against departments, units, faculty or staff for various issues that may arise. The following chart is provided to give students a "quick guide" to how to start a complaint process and where to get assistance or the correct forms.

Complaint	Resolve Informally	File Formal Appeal	Formal Appeal Contact	Locate Policy in Catalog
Sexual Harassment	NO	YES	Title IX Coordinator	Student Affairs: Nondiscrimination and Sexual Harassment Policy
Discrimination: race, age, gender	NO	YES	Chief Student Affairs Officer	Student Affairs: Nondiscrimination and Sexual Harassment Policy
Disability Discrimination	YES	YES	Accessibility Case Manager	Student Affairs: Nondiscrimination and Sexual Harassment Policy
Academic Grievance	YES	YES	Dept. Chair	Academic Policies: Academic Grievances
All other Complaints	YES	YES	V.P. of area where issue occurred	Student Affairs: Non-Academic Student Grievances

Emergency Response, Fire Safety, False Alarm or Report, and Security

The Emergency number for the University is 903.566.7300. Specific information on what to do in case of a fire, medical or weather emergency, or a bomb threat can be found on the website for the Office of Environmental Health and Safety www.uttyler.edu/safety. The University also tracks all student and visitor injuries that occur on campus so that action can be taken to correct safety hazards if necessary. The student and visitor Accident and Injury Report can be found on the EH&S website http://www.uttyler.edu/safety/files/Student-Visitor-Injury-Report-Form.pdf. Additional information on programs dealing with health and safety can be found there as well.

Emergency Response: In the event of an emergency or natural disaster the campus community will be notified immediately through several means of communication. This includes Campus Alert E-mail, the

University's website, campus and local media, text-messaging, Fire Alarm Systems, Indoor Warning System and Outdoor Warning System.

Fire Safety: The entire U.T.Tyler campus fire alarm system is monitored by the University Police and East Texas Alarm. For policies and procedures please visit www.uttyler.edu/safety.

False Alarm or Report: Pursuant to Sec. 41.06 of the Texas Penal Code a person commits an offense if they knowingly initiate, communicate or circulate a report of a present, past or future bombing, fire, offense or other emergency that they know is false or baseless. An offense under this section of the Penal Code is a Class A misdemeanor unless the false report is of an emergency involving a public primary or secondary school, public communications, public transportation, public water, gas or power supply or other public service, in which event the offense is a state jail felony.

Missing Student Notification: The purpose of the UT Tyler Missing Persons Policy is to establish procedures for the University's response to reports of missing students as required by the Higher Education Opportunity Act of 2008. This policy applies to students who reside in on-campus housing. For purposes of this policy, a student may be considered a "missing person" when he or she is absent from the University for more than 24 hours without any known reason. A student may also be deemed missing when his/her absence is contrary to his/her usual pattern of behavior and/or unusual circumstances may have caused the absence. Such circumstances could include, but not be limited to, a report or suspicion that the missing person may be the victim of foul play, has expressed suicidal thoughts, is drug dependent, or has been with persons who may endanger the student's welfare.

All residential students will have the opportunity to designate a confidential contact to be notified by the University no more than 24 hours after the student is determined missing. Instructions will be provided on how to register that person's contact information. Residential students' contact information will be registered confidentially, will be accessible only to authorized UT Tyler officials, and may not be disclosed except to law enforcement personnel in furtherance of a missing person investigation.

All reports of missing students must be directed to the UT Tyler Police Department, which shall investigate each report and make a determination about whether the student is missing. In addition, no later than 24 hours after a student is determined missing, UT Tyler will notify the Tyler Police Department, unless the Tyler Police Department was the entity that determined the student to be missing. At that time, if the missing student is under the age of 18 and not emancipated, UT Tyler will also notify the student's custodial parent or guardian.

Gang-Free Campus

The University of Texas at Tyler is a gang-free zone. Penalties for organized criminal activity such as gang-related crimes are enhanced to the next highest category of offense if they are committed on university property. (See Texas Penal Code, Sect. 71.028)

Greek Life

Becoming a member of a fraternity or sorority provides opportunities to develop lifelong friendships, a supportive environment, and career

networking opportunities. The Office of Greek Life promotes excellence in leadership, scholarship, and service. Greek Life strives to enhance the collegiate experience of fraternity men and women through their involvement in the Greek Community. UT Tyler has an active Greek Community and is home to National Panhellenic Conference sororities Alpha Chi Omega and Delta Gamma; North American Interfraternity Conference fraternities, Pi Kappa Phi and Sigma Alpha Epsilon as well as international fraternity Kappa Sigma. To learn more about Greek Life, visit www.uttyler.edu/greeklife, call 903.565.5645, or email gogreek@uttyler.edu.

Health Clinic

The University Health Clinic at Tyler is a partnership between University of Texas Health Northeast and The University of Texas at Tyler. The University Health Clinic at Tyler is dedicated to the highest quality treatment and care of the students. Staffed by UT Health Northeast healthcare professionals, a variety of primary care services are provided. The clinic is located at the west entrance of the University at the corner of Patriot Drive and University Boulevard. More information on the University Health Clinic hours and services can be found at www.uttyler.edu/clinic; call 903.939.7870 to make an appointment.

Intercollegiate Athletics

The University of Texas at Tyler is an active member of the NCAA Division III, the American Southwest Conference, and offers 17 varsity sports: (M&W) basketball, baseball, (M&W) cross country, (M&W) golf, softball, (M&W) soccer, volleyball, (M&W) tennis and (M&W) indoor and outdoor track and field. The Louise Herrington Patriot Center is a state-of-the-art multipurpose facility with three basketball courts, a comprehensive fitness center, aerobics room, racquetball courts, indoor jogging track, swimming pool, classrooms, laboratories, offices, locker rooms, and a training room. Additional athletic facilities include the Al and Nancy Jones Auxiliary Gymnasium, Irwin Field for baseball, the SuddenLink Softball Field, Citizens 1st Bank-Perkins Soccer Complex, Summers Tennis Center, and the UT Tyler Golf practice facility. Prospective student-athletes should contact the Athletics Office at 903.566.7105 or visit www.uttylerpatriots.com for more information and upcoming athletic events.

Leadership and Service

The Office of Leadership & Service aims to connect UT Tyler students to leadership and service opportunities both on campus and in the community through various programs and initiatives through which students can create solutions to critical challenges while building leadership skills and enhancing their overall collegiate experience. Student also have the ability to register with the office to start a record of their leadership and service involvement. Having a record of leadership skills and service opportunities builds a student's resume and assists in job searches. For more information, contact the Office of Leadership & Service at 903.566.7050 or visit www.uttyler.edu/community or www.uttyler.edu/leadership.

Medical Emergency

Call 911 in case of emergency. If an accident or emergency occurring on campus requires first aid or hospital emergency room treatment, a member of the University Police Department is available for assistance. The University Police Department cannot transport persons in need of medical attention. The student will bear the cost of any professional service, transportation, or emergency treatment. Also, the cost of hospitalization or treatment in the emergency room or as an outpatient is the responsibility of the student. In the event of a non-emergency the police department can be contacted at 903.566.7300.

New Student Programs

The Office of New Student Programs is dedicated to introducing incoming students and their families to the numerous resources, programs and opportunities available at UT Tyler. New Student Programs assists new students and their families as they transition to our community by hosting New Patriot Orientations throughout the year. Future Patriots learn about the rich UT Tyler traditions while obtaining valuable information about campus resources, meeting faculty and staff and making new friends. For more information about New Student Programs or to register for orientation, visit www.uttyler.edu/sll/NewStudentPrograms or call 903.565.5645.

Non-Academic Student Grievances

In an effort to resolve grievances or complaints other than those that are academic in nature or involve discrimination or sexual harassment, a student must first make every effort to resolve the matter informally by discussing his or her concerns with the employee, supervisor or department against whom the complaint is initiated within 30 calendar days of the time of the incident. The person to whom the complaint is presented must respond orally or in writing within 10 business days after receipt of the complaint.

If the matter is not resolved to the student's satisfaction by the employee, supervisor, or department head, the student may submit a final formal appeal to the Vice President supervising the department where the complaint originated. The form for filing the appeal is available in the Office of Student Affairs or can be printed from Section 1 of the Manual of Operating Policies and Procedures website: www.uttyler.edu/mopp.

The student must submit this appeal within 10 business days after the student receives the response from the department head. The Vice President and/or designee will provide a written response to the student within 10 business days of the receipt of the student's appeal. Decisions at the vice presidential level will be final.

NonDiscrimination and Sexual Harassment Policy and Complaint Procedure

It is the policy (Sections 2.4.1, 2.4.3, 2.4.4, and 2.4.5 of the Handbook of Operating Procedures) of The University of Texas at Tyler to make sure that no person is excluded from participation in, denied the benefits of, or subject to discrimination under any program or activity sponsored or conducted by The University of Texas System or any of its

institutions on the basis of race, color, national origin, religion, sex, sexual orientation, age, veteran status or disability. These policies apply to all University administrators, faculty, staff, students, visitors, and applicants for employment or admission. Additional controlling laws, policies and procedures relating to sexual harassment, sexual misconduct and the prohibition of all forms of discrimination can be found in the following:

- Title VI of the Civil Rights Act of 1964, 42 U.S.C. §2000d et seq., and its implementing regulation at, 34 C.F.R. Part 100, which prohibit discrimination on the basis of race, color or national origin;
- Title IX of the Education Amendments of 1972, as amended, 20 U.S.C. §1618 et seq., and its implementing regulation at, 34 C.F.R. Part 106, which prohibit discrimination on the basis of sex;
- Section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. §794 and its implementing regulation at, 34 C.F.R. Part 104, which prohibit discrimination on the basis of disability;
- Title II of the Americans with Disabilities Act of 1990, 42 U.S.C. §12131, and its implementing regulation at, 28 C.F.R. Part 35, which prohibit discrimination on the basis of disability; and
- The Age Discrimination Act of 1975, 42 U.S.C. §6101 et seq., and its implementing regulation at, 34 C.F.R. Part 110, which prohibit discrimination on the basis of age.

Title IX/ADA/504 Coordinators

The University of Texas at Tyler has designated the following persons as coordinators to monitor compliance with these statutes as they related to students and to resolve complaints of discrimination based on race, gender, age or disability.

For student assistance on matters regarding race, gender or age discrimination: Howard Patterson, Chief Student Affairs Officer, 3900 University Blvd., PHE 226, Tyler, Texas 75799, 903.566.7350, hpatterson@uttyler.edu.

For student assistance on matters regarding disability discrimination: Cindy Lowery (Staples), ADA Coordinator/ Accessibility Case Manager, University Center, 903.566.7064, cstaples@uttyler.edu.

For more information or to file a sexual harassment or sexual misconduct complaint, please contact Amy Clem, Title IX Coordinator, Office of Human Resources, 903.566.7480, aclem@uttyler.edu or report on-line at www.uttyler.edu/titleix.

For more specific information on Title IX/ADA/504 visit:

www.uttyler.edu/titleix

www.uttyler.edu/ohr/title9adacoord.php

Office of International Programs

The Office of International Programs (OIP) supports UT Tyler's mission to understand and appreciate human diversity and the global nature of the new millennium and to gain international understanding for participation in the global society. The OIP team is passionate about transforming lives and making UT Tyler a more culturally diverse community. Our ultimate goal is to provide every UT Tyler student with meaningful and safe opportunities to develop intentional and transformative multicultural and global competencies, and to better serve the region through our globally competent graduates, strategic

international partnerships, and multi-disciplinary research collaborations.

The Office of International Programs (OIP) leads, champions and serves UT Tyler's mission through several cross-functional units: Study Abroad and Faculty-Led Programs; International Student, Scholar and Faculty Services (ISSFS) Center; the Intensive English Language Institute (IELI); International Research and Engagement; and International Recruitment and Marketing.

Study Abroad and Faculty-Led Programs

The OIP assists students and faculty at UT Tyler to travel abroad and facilitates exchanges with our partner universities. The OIP facilitates four types of study abroad experiences:

- **Short-Term Faculty-Led Trips** – Travel/study courses, organized by UT Tyler faculty, varying in length from one to five weeks. Travel study courses typically occur over vacation periods and the summer term.
- **Longer-Term Programs** – Study abroad opportunities and regional study programs created through collaborations among faculty in multiple departments and colleges.
- **Exchange Programs** – Study opportunities at foreign universities that have an exchange agreement with UT Tyler and study at foreign universities through University Studies Abroad Consortium (USAC) approved semester-long or academic year programs abroad.
- **The Friends of UT Tyler Travel Program** – International travel opportunities for community members to travel with UT Tyler faculty who are extremely knowledgeable and share information and insight.

For more information about Study Abroad visit www.uttyler.edu/oip/study-abroad or call 903.565.6155.

International Student, Scholar and Faculty Services (ISSFS) Center

The OIP International Student, Scholar and Faculty Services (ISSFS) Center provides post-admission advising, cultural and social programming, and immigration services to UT Tyler international students, scholars, faculty and their family members. International Advisors at the ISSFS Center assist all international students, scholars and faculty who come to UT Tyler for academic study or research purposes, providing services related to F-1 students who wish to study at UT Tyler, as well as information on the J-1 Exchange Visitor Program (J-visa) and H-1B petition for international faculty at UT Tyler. OIP ISSFS staff work closely with the Student and Exchange Visitor Program (SEVP), a part of the National Security Investigations Division in the Department of Homeland Security, to advise, monitor and report on all nonimmigrant students attending UT Tyler in the F visa classifications and their dependents as well as work closely with the Department of State (DoS) Exchange Visitor Programs to advise, monitor and report on nonimmigrant exchange visitors in the J visa classification and their dependents. For more information visit the Office of International Programs Student, Scholar and Faculty Services Center webpage at www.uttyler.edu/oip/ISSFS or call 903.565.5960.

Intensive English Language Institute (IELI)

The Intensive English Language Institute (IELI) is a self-supporting auxiliary unit within the OIP designed to prepare non-native English-speaking students to improve their language and culture skills, successfully meet the requirements of the Test of English as a Foreign Language (TOEFL), Pearson Test of English (PTE), or the

International English Language Testing System (IELTS), and matriculate into the university. IELI students are non-degree seeking students who take non-credit generating English classes.

The IELI Program is organized into two 8-week sessions each semester (168 instructional hours per 8-week session) and offers seven (7) levels of instruction, based on clock hours, from beginning to advanced levels, ensuring that classes do not exceed an average of 12-15 students in each. Classes meet five days each week (from Monday-Friday), with daily homework (21 hours weekly). For more information visit the Intensive English Language Institute website at www.uttyler.edu/oip/IELI or call 903.565.6155.

On-Campus Solicitation

Campus facilities are not open for general public use. Solicitation on the campus of The University of Texas at Tyler is prohibited except for certain activities conducted by authorized groups that are exempt from this prohibition. No solicitation shall be conducted on any property, street, or sidewalk or in any building, structure or facility owned or controlled by The University of Texas at Tyler unless permitted by the Regents' Rules.

For the purpose of this policy, the following defines "solicitation:"

- the sale, lease, rental, or offer for sale, lease, rental of any property, product merchandise, publication, or service, whether for immediate or future delivery;
- an oral statement or the distribution or display of printed material, merchandise, or products that is designed to encourage the purchase, use or rental of any property, product, merchandise, publication or service;
- the receipt of or request for any gift or contribution; or
- the request to support or oppose or to vote for or against a candidate, issue, or proposition appearing on the ballot at any election held pursuant to State or Federal law or local ordinances.

All permissible solicitation must be conducted in compliance with Chapter 6, Subsection 6-205 of Student Affairs Manual of Policies and Procedures (www.uttyler.edu/mopp). Direct inquiries to the Office of Student Life and Leadership 903.565.5645.

Parent and Family Resources

UT Tyler Parent and Family Programs connects parents and families to university information and events through the Patriot Parent Association, a website, and monthly e-letters. Our Patriot Parent Association provides opportunities to serve and volunteer at Move-In Day, Parents' Weekend at Homecoming, and other campus activities. Monthly e-letters provide updates and news and showcase departmental programs available at UT Tyler. To register for the Patriot Parent Association please go to www.uttyler.edu/parentcenter, email parentcenter@uttyler.edu, or call 903.565.5645.

Parking

The University of Texas at Tyler enforces all Texas vehicle inspection codes (Texas Education Code, Sec. 51.207). All vehicles that park on the campus premises must have current inspection stickers and a current student parking permit properly displayed.

A vehicle operated by or for the transportation of certain disabled veterans is authorized to be parked for an unlimited period in a disabled parking space on UT Tyler campus. UT Tyler requires the vehicle to display a disabled placard or plate and a UT Tyler permit but does not charge a fee to the disabled veteran for the UT Tyler permit.

For the complete UT Tyler parking rules and regulations visit the UT Tyler Police department website at:
www.uttyler.edu/police/parking.php.

Recreational Sports

UT Tyler's Recreation Sports program includes Intramurals, Fitness, Club Sports, Wellness Education and Outdoor Adventures. Recreation Sports is housed in the Herrington Patriot Center, which includes an aquatic center, fitness room, dance studio, racquetball courts, indoor running track, eight lighted tennis courts, three court multi-purpose gymnasium, and intramural field. Recreation Sports also maintains over 5 miles of on-campus wellness trails and an 18-hole disc golf course as well as the Al and Nancy Jones Auxiliary Gymnasium located in the PHE building. These facilities are open to all current UT Tyler students, staff and faculty.

The Intramural Sports program provides structured competitive and non-competitive activities open to all skill and fitness levels. The Fitness program features a well-equipped fitness and strength room, personal training, and over 40 fitness classes per week. The heated outdoor pool is open year round and features fitness classes and summer swim lessons. Club Sports offers students the opportunity to compete against other schools outside of the intercollegiate sports program. Wellness Education presents workshops on various topics including nutrition. Outdoor Adventures gives students a chance to experience the great outdoors through activities such as mountain biking, kayaking, hiking and camping. The Patriot Center also offers gym memberships to spouses and children of UT Tyler students.

For more information, contact the HPC at 903.566.7466 or visit www.uttyler.edu/hpc.

Residence Life

Several housing options are available for students seeking the benefits of on-campus living. Eagle's Landing and Patriot Village are student apartment communities on campus and The Mr. and Mrs. Joseph Z. Ornelas Hall is a residence hall community. Eagle's Landing, Patriot Village and Ornelas Hall are operated by UT Tyler. University Pines is a privately-managed student apartment community on campus. Students interested in living on campus are encouraged to apply early. The University is entitled to check the student's criminal history record and will notify the student if this information is used to deny them housing. (Texas Government Code, Section 411.094.)

Students who have completed fewer than 60 credit hours at any junior college or university, including UT Tyler, are required to live on campus at Eagle's Landing, Patriot Village, Ornelas Hall or University Pines if facilities are available. For more information on the residency requirement visit www.uttyler.edu/housing/residencypolicy.php.

University Pines may be contacted at 903.566.3565. Those interested in information about housing managed by UT Tyler (Eagle's Landing, Patriot Village or Ornelas Hall) should call 903.566.7008 or email housing@uttyler.edu. Information can also be found at the Residence Life Office or on the Residence Life website at www.uttyler.edu/housing.

Student Accessibility and Resources

The mission of the Student Accessibility and Resources Office is to provide equal access to all educational, social and recreational programs through coordination of services and reasonable accommodations, consultation and advocacy. The Student Accessibility and Resources Office strives to provide services that will encourage students to become as independent and self-reliant as possible. Students requesting disability services should contact the Student Accessibility and Resources Office 903.566.7079 or saroffice@uttyler.edu preferably thirty (30) days prior to the beginning of each semester. The student seeking services is responsible for providing appropriate verification material to support requested accommodations. The student should provide diagnostic, prognostic, and prescriptive information from an approved professional in order to receive services. Appropriate accommodations may include program modifications, adjustments to testing situations and/or auxiliary aids and services. Accessibility services are provided in a private, confidential setting. More information regarding available services can be found at www.uttyler.edu/disabilityservices.

Student Counseling Center

The UT Tyler Student Counseling Center promotes student success by facilitating personal and academic growth, contributing to lifelong learning. The center serves students through personal counseling, crisis management and advocacy, and provides resources and consultative services to the campus community. The Student Counseling Center is staffed by Licensed Professional Counselors with in-depth training and experience, and a varied background in counseling, testing, and teaching. Some common issues that students may deal with in counseling are: study strategies, test anxiety, time management, stress management, personal relationships, physical/emotional/sexual abuse, sexual assault, anxiety, depression, and many others. Students may schedule an appointment in person by calling 903.566.7254. This number is also answered after hours for students to talk with trained counselors about urgent concerns. More information regarding services is available at www.uttyler.edu/counseling/.

Student Government Association

The Student Government Association (SGA), comprised of all enrolled students, has as its primary purpose to serve as a recognized forum for student opinion. Activities of the SGA include assisting the university in identifying the interests, programs and goals of the majority of students. Officers and representatives are elected annually by the student body. For more information, visit the SGA website at uttyler.edu/sga or call 903.566.7083 or 903.565.5557.

Student Health Insurance

A student health insurance plan is available through Academic Health Plans and is underwritten by Blue Cross and Blue Shield of Texas. All international students holding non-immigrant visas are eligible and are required to purchase health insurance, prior to registration.

Students who participate in the University's intercollegiate program must provide proof of health insurance coverage or purchase such coverage through the University. The University carries catastrophic insurance on all student-athletes.

Detailed health insurance information including policy premiums are available on-line through Academic Health Plans at www.uttyler.myahpcare.com.

Student Health and Wellness

Student Health and Wellness supports student learning at UT Tyler by creating opportunities, programs and policies empowering students to: reach their full potential, take responsibility for themselves and others, and contributing to the creation of a healthy, safe and socially just learning environment. Student Health and Wellness coordinates health-related programs that comply with federal and state mandates such as the Drug Free Schools and Communities Act Amendments of 1989 and Title IX of the Education Amendments Act of 1972. Programming and information through this office covers areas such as alcohol, tobacco, and other drug abuse, stalking, harassment, sexual assault, partner violence, sexual responsibility, student health insurance information, and other health-related topics.

Student Health and Wellness offers guidance to students who are interested in impacting the campus climate through encouraging behavioral change or improvement in knowledge about student issues. Any currently enrolled student at The University of Texas at Tyler may also apply to become a Certified Peer Educator. For more information on programs offered call 903.566.7067 or visit www.uttyler.edu/wellness.

HIV and Hepatitis B Infection

The University of Texas at Tyler recognizes Human Immunodeficiency Virus (HIV), and Hepatitis B Virus (HBV) as serious public health threats and is committed to encouraging an informed and educated response to issues and questions concerning these infections. In furtherance of its commitment UT Tyler has adopted a policy and procedural steps to protect both the rights and well-being of those students, employees, and patients who may be infected with HIV or HBV as well as to prevent the spread of infection. No individual with HIV or HBV infection will be discriminated against in employment, admission to academic programs, health benefits, or access to facilities. Students with HIV or HBV infection may attend all classes without restriction, as long as they are physically and mentally able to participate and perform assigned work and pose no health risks to others. All information regarding the medical status of UT Tyler faculty, staff, and students is confidential.

A complete copy of the HIV and Hepatitis B Infection policy can be found in the *Handbook of Operating Procedures*, Chapter 2, Sec. 2.9.1.

This policy is applicable to all students of UT Tyler as they pursue their academic (and clinical) endeavors.

Bacterial Meningitis

Bacterial Meningitis is a serious, potentially deadly infection of the fluid in the spinal cord and the fluid that surrounds the brain. This disease strikes about 3,000 Americans each year, including 100-125 on college campuses. Bacterial Meningitis is transmitted when people exchange saliva (such as by kissing, or by sharing drinking containers, utensils, cigarettes, toothbrushes, etc.) or come in contact with respiratory or throat secretions. Symptoms includes high fever, rash or purple patches on skin, light sensitivity, confusion and sleepiness, lethargy, severe headache, vomiting, stiff neck, nausea, and seizures. The more symptoms, the higher the risk, so when these symptoms appear seek immediate medical attention. Prevention depends on the use of vaccines, rapid diagnosis and prompt treatment of close personal contacts.

In accordance with Texas Education Code 51.9192, Subchapter Z and amended by SB 62 (2013), all first-time UT Tyler students who are younger than 22 years of age or students (younger than 22 years of age) who previously attended UT Tyler but were not enrolled during the fall 2011 semester are required to provide proof of vaccination against bacterial meningitis. All documentation should be submitted to the Enrollment Services Center (ESC) in ADM 230. Exemptions for this requirement are as follows:

- The student is 22 years of age or older on the first day of the semester.
- The student is enrolled in online-only programs.
- The student submits an affidavit or a certificate signed by a physician who is duly registered and licensed to practice in the United States, stating, in the physician's opinion, the vaccination required would be injurious to the student's health and well-being.
- The student submits a signed Exemption from Immunizations for Reasons of Conscience Affidavit Form. This form can be requested from the Texas Department of State Health Services at: www.corerequest.dshs.texas.gov.
- New students who are also Texas high school students enrolled in a dual enrollment program where the dual enrollment classes are held at a Texas high school.

For more information, visit: www.uttyler.edu/meningitis or www.uttyler.edu/wellness/bacterialmeningitis.php.

Student Life and Leadership

Student Life and Leadership provides opportunities for students to become engaged in the UT Tyler experience through numerous campus events and service projects, Spirit Squad involvement, a thriving Greek community and more than 80 registered student organizations. Programs and activities are designed to build community as well as to meet the needs of a diverse student population.

Department activities enhance the educational experience of students by engaging students in programs that promote traditions, learning, involvement, free inquiry, leadership, and service. This is accomplished during festival programs like Homecoming, Welcome Week, and Patriot Days, and by partnering with students, faculty, staff, and alumni as we prepare citizens for leadership in a global society. Student Life and

Leadership recognizes the outstanding student leaders on campus each year at the Student Leadership & Service Awards, promotes campus life by assisting student organizations with leadership development and serves as a resource to departments and organizations as they plan events and activities. You may visit the website at www.uttyler.edu/sll/, call 903.565.5645 or email getconnected@uttyler.edu for more information.

Student Money Management (SMM)

Through the Student Money Management Office (SMM) UT Tyler provides financial literacy resources to our students in a variety of areas. In Accordance with SB 1590 (2013) & HB 399 (2011) Student Money Management training includes budgeting, credit cards, spending, saving, loan repayment and consolidation, taxes, retirement planning, and the use of insurance to mitigate risk. Student Money Management training is available on-line, over the phone, in one-on-one sessions or for an entire class or student organization. Find SMM on social media @uttylersmm or contact us at 903.565.5978, smm@uttyler.edu or www.uttyler.edu/studentaffairs/smm/.

Student Organizations

UT Tyler is home to over 80 student organizations. The diverse interests and makeup of the UT Tyler student body are represented in the variety of groups, ranging from academic honor societies to religious organizations to specific interest groups. Participating in a campus organization enriches students' educational experiences by fostering personal development and growth outside of the classroom. Although there are many groups to choose from, students may start new organizations if they do not find ones that fit their unique interests or needs. Student Life and Leadership also assists student organizations with leadership development and serves as a resource as they plan events and activities that promote campus life.

A complete listing of student organizations and their contact information can be found on the Student Life and Leadership website at www.uttyler.edu/sll/studentorganizations or by calling 903.565.5645.

Student Responsibilities

All students at The University of Texas at Tyler are subject to all Rules and Regulations of the Board of Regents of The University of Texas System and institutional rules and regulations. Rules regarding student conduct and discipline are included in Rule 50101 of the Rules and Regulations of the Board of Regents (www.utsystem.edu/board-of-regents/rules), in Series 500 of the UT Tyler Handbook of Operating Procedures (www.uttyler.edu/ohr/hop) and in The University of Texas at Tyler Manual of Policies and Procedures for Student Affairs (www.uttyler.edu/mopp). Failure to read and comply with policies, regulations and procedures will not exempt a student from whatever penalties the student may incur.

Student Conduct and Discipline

The University of Texas at Tyler administers student discipline within the procedures of recognized and established due process. It is the responsibility of each student and each student organization to be knowledgeable about the rules and regulations which govern student conduct and activities.

The University of Texas at Tyler administers student discipline within the procedures of recognized and established due process. Procedures are defined and described in the *Rules and Regulations* of the Board of Regents of The University of Texas System (www.utsystem.edu/bor/rules) and in the Manual of Policies and Procedures for Student Affairs (www.uttyler.edu/mopp). Information on the discipline process can also be found on the Judicial Affairs website (www.uttyler.edu/JudicialAffairs). Judicial Affairs staff are available to assist students in interpreting the rules and regulations.

A student at the university neither loses the rights nor escapes the responsibilities of citizenship. He or she is expected to obey federal, state and local laws as well as the Regents' Rules, university regulations, and administrative rules. Students are subject to discipline for violating its standards of conduct whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct.

If you have questions about the student discipline process, please contact Judicial Affairs at 903.566.7008 or visit www.uttyler.edu/judicialaffairs.

Scholastic Dishonesty

The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrates a high standard of individual honor in his or her scholastic work.

Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, falsifying academic records, and any act designed to give unfair academic advantage to the student or the attempt to commit such an act. Students suspected of academic dishonesty are subject to disciplinary proceedings.

Copyright Infringement

Unauthorized distribution of copyrighted material may subject students to civil and criminal penalties under the United States Copyright Law of 1976, as amended (Title 17, United States Code) or "Copyright Act". Material subject to federal law includes, but is not limited to, printed materials, choreographic works, pantomimes, pictorial, graphic, or sculptural works, including the individual images of a motion picture or other audiovisual work. It also includes computer software, computer programs, musical works, sound recordings, and videos and other audiovisual work. It is also a violation of federal copyright law for any of the above to be electronically distributed through peer to peer sharing,

Students found in violation of the Copyright Act law may also be subject to student disciplinary proceedings as described above.

For more information on what constitutes copyright infringement and penalties see The UT System's copyright information website at www.utsystem.edu/ogc/intellectualproperty/copyrighthome.htm.

Hazing

Hazing, submission to hazing, or failure to report first-hand knowledge of hazing incidents is prohibited by state law and, in addition to disciplinary actions, is punishable by fines up to \$10,000 and confinement in county jail for up to two years. Hazing is defined by state law as, "...any intentional, knowing, or reckless act, occurring on or off the campus of an educational institution, by one person alone 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 any organization whose members are or include students at an educational institution.” Any person with knowledge that a specific hazing incident has occurred on or off campus must report the incident to the Chief Student Affairs Officer.

In an effort to encourage reporting of hazing incidents, the law grants immunity from civil or criminal liability to any person who reports a specific hazing event in good faith and without malice to the dean of students or other appropriate official of the institution and immunizes that person for participation in any judicial proceeding resulting from that report. The penalty for failure to report under the law is a fine of up to \$1,000, up to 180 days in jail, or both. Penalties for other hazing offenses vary according to the severity of the injury which result, and include fines from \$500 to \$10,000 and/or confinement for up to two years.

Student Right-To-Know and Campus Security Act

In compliance with the Student Right-to-Know and the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (the Act), UT Tyler collects specified information on campus crime statistics, campus security policies, and institutional completion or graduation rates.

Pursuant to the federal law, alleged victims of violent crime are entitled to know the results of campus student disciplinary proceedings concerning the alleged perpetrators.

UT Tyler makes timely reports to the campus community on crimes considered to be a threat to students and employees and reported to the campus police or local police agencies. These alerts are distributed by a variety of means including campus bulletin boards, e-mail, website and in certain cases, text messaging.

UT Tyler publishes and distributes an annual report of campus security policies and crime statistics to all current students and employees; provide copies of the report to applicants for enrollment or employment upon request; and submit a copy of the report to the Department of Education. The annual campus crime statistics report references crimes that occur on property owned or controlled by UT Tyler. Hard copies of the report are available at the University Police Department upon request; electronic copies are available at www.uttyler.edu/police.

UT Tyler publishes in the annual security report its policy regarding sex-related offenses, including sexual assault prevention programs, education programs to promote awareness of sex offenses, administrative disciplinary procedures and sanctions for offenders, and counseling and student services for victims. Any law enforcement information provided by state law enforcement agencies concerning registered sex offenders may be obtained from the UT Tyler Police Department at 903.566.7060.

UT Tyler calculates and discloses institutional completion or graduation rates to all prospective and current students annually via the Office of the Registrar. Prior to the offer of athletics-related student aid to a potential student athlete, UT Tyler will provide information on

graduation rates specified by the Act to the prospective student and to the student’s parents and coach.

Student Travel Policy

The university student travel policy applies to all student travel if the activity or event meets all of the following criteria and is undertaken by one or more currently enrolled students to reach an activity or event.

1. The activity or event is sponsored, organized and funded by UT Tyler.
2. The activity or event is located more than twenty-five (25) miles from UT Tyler.
3. The activity or event is either:
 - a. undertaken, using a vehicle owned, leased or rented by the institution; or
 - b. attendance at the activity or event is required by a registered student organization and approved in writing by the Chief Student Affairs Officer.

For a complete set of guidelines and forms, please view the Manual of Policies and Procedures for Student Affairs at www.uttyler.edu/mopp.

Testing Services

The mission of Testing Services is to provide students with proctoring services of approved examinations through the administration of correspondence examinations, the College-Level Examination Program (CLEP) examinations, and standardized testing. Examinations are administered to ensure the security of the examination and with each student’s particular needs in mind.

Current standardized examinations offered through testing include the Miller Analogy Test (MAT), TSI/Accuplacer, the College Level Exam Program (CLEP), and the American College Test (ACT). Other national and state tests are administered as determined by university needs. Application information and administration dates for other tests are available at www.uttyler.edu/testingcenter.

Textbooks and Supplies

It is a responsibility of each student to provide his/her own textbooks and supplies. The University Bookstore (903.566.7071) is the on-site vendor of course required materials and supplies. However, a student is not under any obligation to purchase a textbook from the university-affiliated bookstore. The same textbook may also be purchased from an independent retailer, including an online retailer.

Students may log into MyUTTyler and see textbook information (title, author, publisher, ISBN, cost, etc.) for all courses for which the student wishes to register.

University Center (UC)

The University Center serves as the epicenter of campus. The UC is the place for dining, lounging, socializing and hosting campus events for The University of Texas at Tyler’s students, faculty, staff and guests. The UC strives to be a welcoming and inclusive environment where ideas are exchanged, relationships are built, and UT Tyler memories are made in the Patriot Zone. With great selections at the Met, Subway,

Blends & Brews, Chick-fil-A, the C-Store and Grillworks, rest assured that the UC has got you covered. Contact the UC at 903.565.5618, uc@uttyler.edu, or visit our website at www.uttyler.edu/uc for more information.

Veterans Resource Center

Veterans services are provided through the Veteran's Resource Center located in the University Center. These services include counseling regarding V.A. regulations as they pertain to the university, assistance in the preparation of certification forms, and a variety of resources for veterans and dependents. Contact the VRC at 903.565.5972, vrcc@uttyler.edu, or visit our website at www.uttyler.edu/veteransaffairs.

FINANCIAL AID, SCHOLARSHIPS AND VETERANS AFFAIRS

Veterans Affairs

Veterans' services are provided through the Veteran's Resource Center. These services include counseling regarding V.A. regulations as they pertain to the university, assistance in the preparation of certification forms for the veteran, and a variety of resources for the veteran's benefit.

Financial Aid and Scholarships

UT Tyler offers financial aid to students on the basis of need, and institutional scholarships on the basis of merit. Financial aid consists of grants, student employment, and loans. Students may receive one or more awards and must apply each year for all types of funding.

Financial Aid

The primary purpose of financial aid programs is to assist eligible students with paying educational costs. These federal, state, and institutional funds provide assistance to students who would otherwise be unable to attend college. An applicant's need for financial aid is analyzed on an individual basis and need is determined by subtracting the expected family contribution from the estimated educational costs. Applications for financial aid are accepted and considered without discrimination on any basis prohibited by law, including, but not limited to, race, color, age, national origin, sex, veteran status, religion, or disability.

Students subject to selective service registration will be required to file a statement that the student has registered or is exempt from selective service registration in order to be eligible to apply for federal and/or state financial aid.

Applying for Financial Aid

The student is responsible for proper completion and submission of all required documents. Students applying for most federal and state financial aid programs must demonstrate financial need.

Applicants must:

- complete the Free Application for Federal Student Aid (FAFSA), available online at www.fafsa.ed.gov;
- be a U.S. Citizen, U.S. National, or U.S. Permanent Resident;
- be admitted to the University as a regular student and enroll in a degree-seeking program;
- maintain satisfactory academic progress (qualitative and quantitative);
- meet all federal and state program requirements.

House Bill 1403/Senate Bill 1528 Students:

- must be classified as a Texas resident and eligible to pay in-state tuition rate (not due to receipt of a scholarship and/or waiver)

- must register with Selective Service (males 18 and 25 years old)
- must complete the TASFA financial aid application to be considered for the TEXAS grant and Top 10% Scholarship programs.

State Grant and Scholarship Programs - Priority deadline date for complete FAFSA submission is March 15.

Federal and Institutional Financial Aid Programs - Priority deadline date for FAFSA submission is April 1st for Fall and November 1st for Spring.

Award offers are contingent upon financial need and continued funding from each federal, state, and institutional program.

Financial Aid Programs

Students will find a wide range of grant, loan, employment, and tuition exemption and waiver programs available at UT Tyler. For additional information and program requirements, refer to: www.uttyler.edu/financialaid.

Grant Programs

Federal Pell Grant
Federal Supplemental Educational Opportunity Grant
Texas Public Educational Grant
TEXAS Grant
Education Affordability Grant

Loan Programs

William D. Ford Federal Direct Loan (Stafford, Unsubsidized Stafford, PLUS/GradPLUS)
Texas B-on-Time Loan

Employment Programs

Federal Work Study
Texas Work Study
Working to Success
Students should visit the Career Services Office or www.uttyler.edu/careerservices/ for on-campus student employment, job searching tips, interview skills, resume writing, and etc. Students should also enroll in PatriotJobs for additional employment assistance and appointments (a username and password is required).

Financial Aid Programs for Texas Residents

For a complete listing of all exemptions, and waivers, scholarships, and grants offered by the Texas Higher Education Coordinating Board, please refer to: www.collegeforalltxans.com

Tuition Exemptions and Waivers

Hazlewood Tuition Exemption
Texas Commission for the Deaf Exemption

Texas Commission for the Blind Exemption
 Competitive Scholarship Waiver
 Teaching/Research Assistant Waiver
 Teacher/Professor Tuition Waiver
 Bordering State Resident Waiver
 Senior Citizens Exemption
 U.S. Military Stationed in Texas
 Adopted Students Formerly in Foster or Residential Care
 Children of Professional Nurse Faculty and Staff
 Clinical Preceptors and their children
 TANF Exemption
 Children of Disabled Firefighters and Peace Officers
 Valedictorian of Texas High Schools Exemption
 Peace Officer Exemption
 Disabled Peace Officer Exemption

Scholarships

Top 10% Scholarship Award
 Fifth Year Accounting Student Scholarship

Grants

TEXAS Grant
 Texas Public Educational Grant

Scholarships

Scholarships offered at The University of Texas at Tyler are designed to attract and retain outstanding degree seeking students. To be considered, students must be accepted for admission to UT Tyler and if required, submit an application for scholarship on-line via the Apply for Scholarship link in the myUTTyler student portal.

It is recommended that all scholarship applicants complete the Free Application for Federal Student Aid (FAFSA). Awarding of academic scholarships is based primarily on predictors of academic success, such as high school class rank, standardized test scores, and prior college grades.

UT Tyler offers the following scholarships:

New Freshman Scholarships

New freshmen who are accepted for admission and confirm their intention to enroll prior to May 1 will be considered for an academic scholarship. Scholarship funds are limited and are awarded on a first-come, first-served basis. Scholarship applications are not required.

All new freshman scholarships are renewable for 3 consecutive academic years following the initial award. No application is required for renewal.

Students may receive only one of the following awards:

National Merit/Achievement Finalists

Award amount covers full tuition, fees, books, room and board. To qualify, students must be National Merit/Achievement finalists

To renew scholarship, students must:

- Complete 12 credit hours at UT Tyler for the semester(s) awarded.
- Maintain a minimum 2.0 GPA at UT Tyler.

National Merit/Achievement Semi-Finalists

Amount covers full tuition, fees and books. To qualify students must be National Merit/Achievement semi-finalists.

To renew scholarship, students must:

- Complete 12 credit hours at UT Tyler for the semester(s) awarded.
- Maintain a minimum 2.0 GPA at UT Tyler.

Regents Scholarship - Amount: \$4,000

- Based on ACT/SAT scores and high school transcript.
- ACT - 29+
- SAT - 1280+

To renew scholarship students must:

- Complete 12 credit hours at UT Tyler for the semester(s) awarded.
- Maintain a minimum 2.0 GPA at UT Tyler.

Patriot Scholarship - Amount: \$3,000

Based on ACT/SAT scores and high school transcript

- ACT 26 – 28
- SAT - 1170-1270

To renew scholarship, students must:

- Complete 12 credit hours at UT Tyler for the semester(s) awarded.
- Maintain a minimum 2.0 GPA at UT Tyler

Achievement Scholarship - Amount: \$1,000

- Based on ACT/SAT scores and high school transcript.
- ACT - 24 - 25
- SAT - 1090-1160

To renew scholarship, students must:

- Complete 12 credit hours at UT Tyler for the semester(s) awarded.
- Maintain a minimum of 2.0 GPA at UT Tyler

Distinguished Patriot Scholarship - Amount: \$1,000

- Based on high school class rank
- Student must be in the top 10% or higher of high school graduating class
- Students attending non-ranking high schools may be eligible for this award based on individual review

Students must confirm enrollment by submitting the 'Letter of Acceptance' and freshman deposit by February 1st

To renew scholarship, students must:

- Complete 12 credit hours at UT Tyler for the semester(s) awarded.
- Maintain a minimum 2.0 GPA at UT Tyler.

New Transfer Scholarships

Students who meet the criteria below will be considered for a Transfer Scholarship.

This scholarship is for students who have previously attended other colleges only.

New Transfer students who are accepted for admission and confirm their intention to enroll prior to May 1st will be considered for an academic scholarship. Scholarship funds are limited and are awarded on a first-come, first-served basis. Scholarship applications are not required.

All New Transfer scholarships are renewable for one consecutive academic year following the initial award. No application is required for renewal.

Transfer Presidential Scholarship - Award Amount: \$3,000

To qualify students must:

- Be accepted for admission by May 1st.
- Enroll for a minimum of 12 credit hours each semester (Fall and Spring) at UT Tyler.
- Have a cumulative 3.3 GPA on all transfer course work.
- Be an incoming transfer student who has completed 30+ hours from a 4 year institution or,
- Be an incoming transfer student who has completed 45+ hours from a community college

Phi Theta Kappa Transfer Scholarship - Award Amount: \$1,500

To qualify students must:

- Be accepted for admissions by May 1st.
- Enroll for a minimum of 12 credit hours each semester (Fall and Spring) at UT Tyler.
- Have a cumulative 3.0 - 3.29 GPA on all transfer course work.
- Be an incoming transfer student who has completed 30+ hours from a 4 year institution or,
- Be an incoming transfer student who has completed 45+ hours from a community college

Transfer Scholarships are renewable for one academic year following the initial award. No application is required for renewal. To renew scholarship students must:

- Complete 12 credit hours at UT Tyler for the semester(s) awarded.
- Maintain a minimum 2.0 GPA at UT Tyler.

College Scholarships (UT Tyler returning students only)

There are several individual and endowed scholarships awarded by the University. They range in criteria dependent on donor restrictions. Award amounts are dependent on funding availability.

All College Scholarships require a minimum, cumulative GPA of 3.0.

Students currently receiving the "Regents", "Patriot", "Patriot Achievement", "Presidential", "Graduate", "National Merit Finalist", and "National Merit Semi-Finalist" Scholarships are not eligible to apply for additional scholarship funding.

College Scholarships do not automatically renew and require re-application each semester. Students must apply online via their myUTTyler student portal.

Deadline for submission of College Scholarship application:

- Fall: May 1

- Spring: November 1
- Summer: April 15

Talent Scholarships

Applications for Talent based scholarship awards in the areas of art, debate, journalism, and music are now available on-line at <http://www.uttyler.edu/scholarships/talent.php>.

Scholarship amounts may vary and are determined by the respective program.

Deadline for submission of Talent Scholarship application:

- Fall: July 15
- Spring: December 1
- Summer: April 15

RESEARCH AND LEARNING RESOURCES

Research and Technology Transfer

The Office of Research and Technology Transfer promotes and supports research and sponsored programs within The University of Texas at Tyler and through collaborative efforts with other universities, industries and businesses. The office coordinates externally funded research projects; provides support for research development, post-award management and technology commercialization; and represents the interests of the UT System, the university president and the university community in their relationships with external funding agencies and sponsors. The office also assists faculty, staff, and students in protecting, developing, and commercializing intellectual property.

The Office of Research and Technology Transfer supports comprehensive programs of academic research by assuring institutional and investigator compliance with applicable regulations, policies and industry standards while engaged in scholarly activities associated with animal and human subject research. The same assurance also applies to research involving recombinant DNA (rDNA) and the use of select or infectious agents. This office provides information on research activities which are governed by a number of research oversight committees imposed by federal and state laws. Non-compliance can result in severe penalties to the institution, and in some instances, to the individual. It is the responsibility of faculty and staff to be familiar with UT Tyler policy as it relates to these research compliance areas.

This office affirms its commitment to the following objectives:

- To assist faculty and student researchers in meeting compliance requirements and in achieving approval for animal, human subject, rDNA, and select or infectious agent protocols submitted for IACUC, IRB or IBC review, as appropriate;
- To review declarations of both funded and non-funded investigators no less than annually and to present conflicts of interests to the Committee on Research Integrity for management and monitoring;
- To provide resources and/or training to University faculty and students in the Responsible Conduct of Research (RCR) as established by the federal Office of Research Integrity (ORI);
- To assure investigator commitment to research integrity by responding to allegations of misconduct in research through inquiry and, if necessary, investigation;
- To monitor and administer export control procedures for issues related to controlled technologies not protected by the fundamental research exemption (15 CFR 734.8) that remain subject to the EAR and/or to ITAR.
- To monitor faculty effort reports, at random, or upon request to assure compliance with OMB regulations.

Ingenuity Center

The Ingenuity Center is a Research and Development Center creating and implementing initiatives designed to build on national, state and local efforts to improve science, technology, engineering, and mathematics (STEM) achievement among Texas students. The Ingenuity Center focuses on increasing the number of students who

study and enter science, technology, engineering, and math career pipeline by providing programs to teachers and students. The Mission of the Ingenuity Center is to ultimately prepare students to be “STEM College Ready” by improving the STEM preparation of teachers through research, professional development, curriculum development, and technical assistance. The Ingenuity Center utilizes a four-pronged strategy to address the quality and quantity of STEM teachers in Texas.

Strategy 1: Preparing College and Workforce Ready students

Strategy 2: Supporting STEM teachers and students

Strategy 3: Address the quality of the current STEM teaching force

Strategy 4: Preparing more qualified STEM teachers into the pipeline

The Ingenuity Center also provides a number of services to schools and education institutions across Texas and throughout the nation. The center employs a dynamic staff that can provide technical assistance, content and pedagogical content coaching, program evaluation services, grant writing assistance, vertical alignment assistance to meet College Readiness Standards, development of professional learning communities, school restructuring, and professional development programs live and online. Signature programs include Texas Project Lead the Way, University Academy After School Program, UT Tyler UTeach and the Innovation Academy.

Robert R. Muntz Library

Jeanne R. Standley, Executive Director

The University of Texas at Tyler Library supports the University’s goals of excellence in teaching, research, and public service. As an essential academic unit, the Library serves as a center of discovery, exchange, and advancement of ideas.

The Robert R. Muntz Library provides access to thousands of digital books and a wide variety of electronic databases and periodicals. Students, faculty and staff, regardless of location, have access to online library resources and services. The physical library includes an array of print materials; a coffee shop, The Study Grounds; computers for student use, and Patriot Printing. The University Archives and Special Collections Department houses rare books, artifacts, and archival collections about the history of UT Tyler and East Texas.

The skillful, service-oriented library staff provides assistance to our users with their research and information needs. The Library Outreach Department offers educational programs, events, and exhibits, many of which are collaborative and/or supportive of activities taking place at the University.

The library provides an environment conducive to study and collaboration throughout the building and in the gardens.

COLLEGE OF ARTS AND SCIENCES

Dr. Martin Slann, Dean

Because learning is a lifelong endeavor, liberal arts and sciences programs are designed to assist in developing the knowledge, skills and perspectives of an educated person. To that end the College:

- Advances the university's purpose by providing a setting for free inquiry; excellence in teaching, scholarship, creative activity and research; and public service by faculty, staff and students.
- Encourages honesty, integrity, responsibility, service to others, and sensitivity to the concerns of all people and cultures.
- Provides programs that explore the natural and physical world and the human condition and the opportunities that our differences create, for the mutual advancement of all people.

The College of Arts and Sciences offers fourteen baccalaureate majors:

Art (B.A., B.F.A.)
 Biology (B.S.)
 Chemistry (B.S.)
 Criminal Justice (B.S.)
 Economics (B.A., B.S.)
 English (B.A.)
 History (B.A., B.S.)
 Mass Communication (B.A., B.S.)
 Mathematics (B.S.)
 Music (B.M., B.A.)
 Political Science (B.A., B.S.)
 Social Sciences (B.A., B.S.)
 Spanish (B.A.)
 Speech Communication (B.A., B.S.)

The college also offers courses to be used in satisfying teacher certification requirements for teaching fields in art, chemistry, English language arts, history, life science (biology), mass communication, mathematics, music, physical science, social studies, Spanish, and speech communication. Graduate programs are described in the graduate section of this catalog.

Core Curriculum

All students in the College of Arts and Sciences who do not come "core complete" from another Texas public college or university must complete any remaining Core Curriculum requirements as outlined in the Undergraduate Academic Policies section of this catalog. Students should consult their advisor before enrolling in Core Curriculum courses as many majors require specific courses to be taken.

To meet the three-semester-hour mathematics component and the three-semester hour STEM component of the University Core Curriculum:

- Students majoring in Biology, Chemistry, Economics, and Mathematics should consult the appropriate section of the catalog for the required mathematics courses.
- Students majoring in communication (mass communication and speech), fine arts, humanities (English, history and Spanish), political science, criminal justice and social sciences are strongly

encouraged to take one of the following sets of Mathematics courses:

MATH 1332: Contemporary Mathematics I and MATH 1333: Contemporary Mathematics II

OR

MATH 1342: Statistics I and MATH 1343: Statistics II

Students should consult their advisor for the required mathematics sequence.

Undergraduate Advising Information

The Arts and Sciences Advising Center, located in HPR 129, is open Monday through Friday. Students who are undecided about their major or who have specific questions about the Core Curriculum or graduation requirements are welcome to visit the Advising Center. Students contemplating a specific major in Arts and Sciences or who have questions about degree requirements or career opportunities in a specific major, should visit an advisor in that department.

Pre-Professional Programs

Pre-Law

The American Bar Association does not recommend any one major for a student planning to attend law school. Nor is there one field which will give you an advantage. Instead, law schools look for a rigorous liberal arts education that has sharpened skills and values essential for competent lawyering. Select a major that you not only enjoy but one that will demand excellence in critical thinking, expository and persuasive writing, oral communication, critical reading, research and organization. Also, seek out courses and instructors that require research papers, substantial reading, essay exams and oral presentations.

Choose a minor and electives that complement your major from history, political thought and theory, the American political system, ethics and justice, economics, human behavior, speech communication, journalism, English, and cultural studies. Because the best law schools expect students to have two years of college-level foreign language, the B.A. degree is recommended. UT Tyler offers an 18 hour Pre-Law minor in the Department of Political Science and History (please look under this department for requirements) for interested students.

PLEASE NOTE: A student intending to apply to law school should not take any undergraduate course on Pass/Fail or CR/NC basis. Pass (P) is typically interpreted as a "C" or "D;" CR is typically interpreted as a "C;" and an NC as an "F."

A student planning to apply for law school will receive advising from both an advisor in their major as well as the Pre-Law Advisor. The role of the advisor in their major is to ensure the student fulfills the requirements for the chosen major. The major advisor is the student's primary advisor and should be consulted early and often. The Pre-Law Advisor is available to help a student make important choices regarding extra-curricular activities, the law school application process and choice of law school.

Pre-Medicine, Pre-Dentistry Programs, and Other Pre-Professional Health Tracks in the College of Arts and Sciences

A student planning to apply for medical, dental, or any of the other pre-health profession schools will receive advising from both an advisor in their major as well as the Chief Health Professions Advisor. The role of the advisor in their major is to ensure the student fulfills the requirements for the chosen major. The major advisor is the student's primary advisor and should be consulted early and often. The Chief Health Professions Advisor is available to help a student make important choices regarding extra-curricular activities, the medical school application process and choice of medical school.

Medical, dental and other pre-health professional schools do not recommend any one major for a student. Nor is there one field, which will give you an advantage. Instead, those schools look for a rigorous arts and sciences education containing a strong emphasis in science and mathematics. Select a major that you not only enjoy and have a passion for but one that will demand excellence in critical thinking, expository and persuasive writing, oral communication, critical reading, research and organization. Also, seek out a curriculum that requires research papers, substantial reading, laboratory experiences, essay exams and oral presentations. Some of the more common majors chosen are biology, chemistry, chemistry-biochemistry, mathematics, engineering, English, and psychology.

You should plan your academic program so that minimum pre-professional admission requirements are completed by the time you apply to professional school — normally the summer following your junior year. This timing will place you in the most advantageous position for both your application and the admissions exam (DAT, MCAT, PCAT, VCAT, etc.).

Required courses may not be taken Pass/Fail. A grade of "C" or better (or AP credit) is required in each course used to meet dental/medical school admission requirements. (Admission to professional schools is very competitive. As a result, it is imperative that you consistently perform well academically.)

Following are the UT Tyler courses which meet minimum admission requirements for dental/medical schools in Texas

(Please refer to the College of Arts and Science website <http://www.uttyler.edu/cas/preprofessional/index.php> for example prerequisites for other pre-professional health tracks like pharmacy, veterinary medicine, physician's assistant, etc.)

Biology: 15-16 sem. hrs. (must contain a minimum of 2 sem. hrs. of lab)

General Biology: 8 sem. hrs. (Including Lab)

Students are urged to begin taking general biology during the freshman year because many of the required science courses have general biology prerequisites.

BIOL 1306	General Biology I [TCCN: BIOL 1306]
BIOL 1106	General Biology I Laboratory [TCCN: BIOL 1106]
BIOL 1307	General Biology II [TCCN: BIOL 1307]

BIOL 1107	General Biology II Laboratory [TCCN: BIOL 1107]
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Other Biology Courses: 7-8 sem. hrs. (Including Lab)

Choose two of the following.

BIOL 3332	Genetics
BIOL 3133	Genetics Laboratory
BIOL 4300	Microbiology
BIOL 4101	Microbiology Laboratory
BIOL 3334	Cell Biology
BIOL 3134	Cell Biology Laboratory
	or
BIOL 4302	Cell and Molecular Biology
BIOL 4102	Cell and Molecular Biology Laboratory
BIOL 3343	Physiology
BIOL 3144	Physiology Laboratory
BIOL 4350	Immunology

Chemistry: 20 sem. hours – General, Organic and Biochemistry

General Chemistry: 8 sem. hours (Including Lab)

Students are urged to begin taking general chemistry during the freshman year because many of the required science courses have general chemistry prerequisites.

CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
CHEM 1312	General Chemistry II [TCCN: CHEM 1312]
CHEM 1112	General Chemistry II Laboratory [TCCN: CHEM 1112]

Organic Chemistry: 8 sem. hours (Including Lab)

CHEM 3342	Organic Chemistry I
CHEM 3143	Organic Chemistry I Laboratory
CHEM 3344	Organic Chemistry II
CHEM 3145	Organic Chemistry II Laboratory

Biochemistry: 4 hours

CHEM 4334	Biochemistry I
CHEM 4135	Biochemistry I Laboratory

Physics: 8 sem. hrs. – Choose one of the appropriate sequences

Sequence for premedical students majoring in engineering

PHYS 2325	University Physics I [TCCN: PHYS 2325]
PHYS 2125	University Physics I Laboratory [TCCN: PHYS 2125]
	and
PHYS 2326	University Physics II [TCCN: PHYS 2326]
PHYS 2126	University Physics II Laboratory [TCCN: PHYS 2126]

Sequence for premedical students not majoring in or engineering

PHYS 1301	College Physics I [TCCN: PHYS 1301]
PHYS 1101	College Physics I Laboratory [TCCN: PHYS 1101]
	and
PHYS 1302	College Physics II [TCCN: PHYS 1302]
PHYS 1102	College Physics II Laboratory [TCCN: PHYS 1102]

Mathematics: 7 sem. hrs. – Calculus and Statistics

Required Courses

MATH 2413	Calculus I [TCCN: MATH 2413]
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MATH 1342 Statistics [TCCN: MATH 1342]

(The statistics course must be offered in Department of Mathematics.)

English: 6 sem. hrs.

Required Courses

ENGL 1301 College Composition I [TCCN: ENGL 1301]
ENGL 1302 College Composition II [TCCN: ENGL 1302]

Pre-Theology

Appropriate undergraduate majors for students who plan to pursue graduate work in theology include English, business, foreign language, history, psychology, speech and philosophy. The American Association of Theological Schools recommends course work in the following areas: English, foreign language, history, natural sciences, psychology, philosophy, religion, and social sciences.

Prospective theological students are advised to consult the catalogs of the theology schools they may wish to attend. In addition, students should consult the Director of the College of Arts and Sciences Advising Center.

Department of Art and Art History

Merrie Wright, Chair

Objectives

The Department of Art and Art History offers programs of study for those students wanting to pursue careers as professional artists as well as those seeking professions in the field of art. The curriculum and mode of operation within the Department of Art and Art History resemble a professional art school, with a broad-based liberal arts education. Students may select an emphasis in studio art, art education or art history.

The prospective major in art should be aware of marked differences in degree programs. Bachelor of Fine Arts in Art (B.F.A.) degree programs emphasize the creative disciplines of studio art and art education for the professional development of individual creative talent. The B.F.A. in Art degree is the preferred preparatory degree for students wanting to pursue studio art, art education and the Master of Fine Arts (M.F.A.) graduate degree and Master of Arts in Studio Art (M.A.). The Bachelor of Arts (B.A.), which includes a 12-hour foreign language requirement, provides the student with a broad liberal arts education as well as an expansive knowledge of the history of art. The Bachelor of Arts degree prepares students for graduate work in art history as well as careers in the art fields of curatorial, museum, gallery or collection management.

Students are encouraged to participate in the many activities, which the Department of Art and Art History sponsors including the Art Club, Visiting Artist Program, Exhibitions Program, Museum Internship Program, Travel Study and Art History Criticism Lecture Program.

Students should consult an art advisor in their first semester at UT Tyler to plan a course of study in art. A degree plan must be completed in consultation with an art advisor during the students first semester at UT Tyler. The Department of Art and Art History should be consulted to find out which advisor has been assigned to the student.

Options:

1. Bachelor of Fine Arts in Art (B.F.A.) with emphasis in the following areas: two-dimensional studio art, three-dimensional studio art, mixed-media art, art history, or art education
2. Bachelor of Arts in Art (B.A.) with a concentration in art history.
3. Minor in Art
4. Teacher Certification leading to all-level certification (K-12) in Texas.

Art B.F.A.

Admission Requirements

Students wanting to pursue the B.F.A. degree program of study must, within the first nine hours of course work at UT Tyler, submit a portfolio to the Faculty Review Committee. Students who transfer with accepted credit hours of studio and want to pursue the B.F.A. degree program of study must, within the first semester of studio work at UT Tyler, submit a portfolio review to the Faculty Review Committee. Upon approval from the Faculty Review Committee, students will be admitted and may complete a B.F.A. degree plan with an undergraduate art advisor. If the student is denied entry into the B.F.A. degree program, they will be put on probationary status and may submit another portfolio the following semester. The portfolio reviews are conducted in the last month of each semester (December and April). The Faculty Review Committee, upon request from the student, may waive the review process. (Note: If, after two portfolio reviews, the student is not admitted to the B.F.A. degree program, course work done after the 18-hour review will not apply toward the B.F.A. in Art degree.)

Total Semester Credit Hours=120

Degree Requirements

1. University Core Curriculum (42 hrs.)
2. A minimum grade of "C" in each art course
3. The following courses or equivalent:
 - a. Art Core Requirements (42 hrs., listed below)
 - b. Upper Division Art History (9 hrs.)
 - c. Upper Division Studio (26 hrs. in any of the areas below)
 - General Studio
 - Two-dimensional (painting, printmaking, etc.)
 - Three-dimensional (ceramics, sculpture, etc.) or
 - Art History
 - d. ART 4192 Senior Exhibition (1 hr.)

Art Core Requirements: (42 hours)

ART 1311	Two-Dimensional Design [TCCN: ARTS 1311]
ART 1312	Three-Dimensional Design [TCCN: ARTS 1312]
ART 1316	Drawing I [TCCN: ARTS 1316]
ART 2303	Art History Survey I [TCCN: ARTS 1302]
ART 2304	Art History Survey II [TCCN: ARTS 1304]
ART 2379	Beginning Ceramics [TCCN: ARTS 2346]
ART 2316	Beginning Painting [TCCN: ARTS 2316]
ART 2333	Beginning Printmaking [TCCN: ARTS 2333]

ART 2326	Beginning Sculpture [TCCN: ARTS 2326]
ART 3300	Composition and Design
ART 3320	Intermediate Life Drawing I
ART 3340	Aesthetics in Visual Learning
ART 3392	Professional Art Practices

Advanced Drawing - select one of the following:

ART 3321, ART 4320, or ART 4373

For all degree programs the final thirty hours in art must be taken at UT Tyler. All transferred art courses must have the written approval of the art chair before being applied to a degree. ART 3315 may be used for teacher certification option only.

Note: All transferred art courses must have the written approval of the chairperson of the department before being applied to degree.

Art B.A.

Students interested in careers in the art fields of curatorial, museum, gallery or collection management should consider the Bachelor of Arts degree with a concentration in art history. Students wanting to continue graduate studies in art history after completing their undergraduate degree should select the Bachelor of Arts (B.A.) The two most significant differences between the B.A. in Art and the B.F.A. in Art are the 12-hour foreign language requirement for the B.A. in Art and fewer studio art hours. Students should consult an art history advisor if considering the in Bachelor of Arts in Art.

Art B.A. with Art History Concentration

Total Semester Credit Hours=120

Degree Requirements

1. University Core Requirements (42 hrs.)
2. A minimum grade of 'C' in each art course
3. Four semesters of an approved foreign language or demonstration of proficiency.
4. The following courses or equivalent:
 - a. Art History Core Requirements: (9 hrs.)
ART 2303 Art History Survey I
ART 2304 Art History Survey II
ART 3340 Aesthetics in Visual Learning
 - b. Foreign Language (12-16 hrs.)
 - c. Upper-level Art History (34 hrs. minimum, at least 12 hours must be senior level)
 - d. Minor: Required and selected in related field with advisor approval (18 hrs.)
 - e. ART 4192 Senior Exhibition/Thesis (1 hr.)

For all degree programs the final thirty hours in art must be taken at UT Tyler. All transferred art courses must have the written approval of the art chair before being applied to a degree. ART 3315 may be used for teacher certification option only.

Note: All transferred art courses must have the written approval of art chair before being applied to degree. ART 3315 may be used for teacher certification option only.

Art Minor

Art may be chosen as a minor to satisfy bachelor's degree requirements in other fields. For a minor in art one must complete 18 hours in art, nine of which must be upper division. Courses should be selected in consultation with an art advisor.

Art Teacher Certification

All students wishing to be certified to teach art (EC-12) in Texas public schools must complete the Academic Foundations, Professional Development, the B.F.A or B.A. in Art, ART 3310 or ART 3315, and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. For further information see a consultant in the School of Education. Those interested in obtaining all-level teaching certification to teach art should pursue the B.A. in Art or B.F.A. in Art with all-level teaching certification option. Art degrees with all-level teaching certification differ from art degrees without all-level teaching certification and students should consult their assigned advisor for details.

Department of Biology

Dr. Srinivas Kambhampati, Chair

The Department of Biology offers the Bachelor of Science in Biology and courses leading to a minor in biology, and teacher certification in Life Science.

Biology B.S.

Overview

The curriculum in biology provides students a fundamental knowledge of biology allowing them exposure to new, cutting edge areas of biological research. The biology degree prepares students to enter exciting and challenging careers in the many diverse and rapidly expanding areas of biological employment, including molecular biology, biotechnology, microbiology, science teaching, forensics, environmental biology, conservation and the health sciences (medical/dental school; veterinary, pharmacology, physical therapy, occupational therapy, dosimetry, public health (microbiology), chiropractic, optometry, physician assistant, podiatry, cytotechnology and clinical laboratory sciences.) The biology program also provides courses for general education (university core) in the natural sciences to introduce students to science, biology, biological concepts and how these affect society. The Department of Biology also provides courses to support other university programs such as chemistry, education, kinesiology, criminal justice (forensics), pharmacology, and nursing. Excellence in teaching and faculty mentoring with students is of the highest priority in the Department. Many of the biology faculty have received UT System-wide and University-wide teaching excellence awards. Biology faculty have nationally and internationally recognized research programs in which students are highly encouraged to participate to prepare them for future studies at the graduate level and professional schools.

Biology High School Preparation

Students desiring a major in biology are expected to have a strong high school background in science and mathematics as well as to have good

writing skills. Calculus, biology, chemistry, and physics are disciplines the student should have studied in high school. Students who have not had these studies in high school may have additional prerequisite courses as part of their curriculum. Contact the chair of the Department of Biology for information and advisement.

Options:

The following options are available to a student interested in biology:

1. B.S. in Biology- 29 semester hours of Core Biology Courses (most of these courses require laboratory): General Biology I & II, Ecology, Cell Biology, Plant Morphology, Evolution, Scientific Communication I & II; 21 semester hours of Biology Electives chosen from the following: Vertebrate Natural History, Aquatic Biology, Biogeography, Ornithology, Herpetology, Conservation Biology, Entomology, Cell & Molecular biology, Microbiology, Physiology, Immunology, Genomics, Bioinformatics. Non-biology Courses required: Calculus I, College or University Physics I & II, General Chemistry I & II, Organic Chemistry I & II, Biochemistry I. Statistics is required for many health professional schools (medical/dental/PA etc).
2. Minor in Biology: General Biology I & II plus 12 upper-division hours for a total of 20 semester hours.
3. Teacher Certification: See Teacher Certification in Life Science or Science.

Degree Requirements

Total Semester Credit Hours = 120

1. University Core Curriculum—(42 hrs.)
2. A grade of C or above in all required upper-division Biology courses attempted.
3. Lower division preparation (may be part of University Core) 20 semester hours:
 - a. CHEM 1311/CHEM 1111 and CHEM 1312/CHEM 1112; MATH 2413; PHYS 1301/PHYS 1101 and PHYS 1302/PHYS 1102 or PHYS 2325/PHYS 2125 and PHYS 2326/PHYS 2126
4. Required Biology courses (46 hours with a minimum of 16 upper-division hours at this university)
 - a. Biology Core (29 hrs. - see list below)
 - b. Biology Electives (15 hrs. - see list below)
5. Additional courses required for the B.S. in Biology (12 semester hrs.)
 - a. CHEM 3342/CHEM3143 and CHEM 3344/CHEM 3145 Organic Chemistry I & II (8 semester hrs.)
 - b. CHEM 4334/CHEM 4135 Biochemistry (4 semester hrs.)
6. Additional electives
 - a. CHEM 3310/CHEM 3111 Analytical Chemistry or Math1342 Statistics

Biology Core (29 hrs.)

BIOL 1306	General Biology I [TCCN: BIOL 1306]
BIOL 1106	General Biology I Laboratory [TCCN: BIOL 1106]
BIOL 1307	General Biology II [TCCN: BIOL 1307]
BIOL 1107	General Biology II Laboratory [TCCN: BIOL 1107]
BIOL 3332	Genetics
BIOL 3133	Genetics Laboratory
BIOL 3336	Ecology
BIOL 3137	Ecology Laboratory
BIOL 3334	Cell Biology

BIOL 3134	Cell Biology Laboratory
BIOL 4114	Scientific Communication I
BIOL 4115	Scientific Communication II
BIOL 3338	Biological Evolution
BIOL 3345	Plant Morphology
BIOL 3146	Plant Morphology Laboratory

(BIOL 1307/BIOL 1107: may be part of University core)

Biology electives (15 hrs.)

Must complete at least one course from each of the four groups.

Course with corresponding lab are counted as one course selection.

Group I

BIOL 4305	Aquatic Biology
BIOL 4105	Aquatic Biology Lab
BIOL 4331	Entomology
BIOL 4132	Entomology Laboratory
BIOL 4340	Ornithology
BIOL 4141	Ornithology Laboratory

Group II

BIOL 4300	Microbiology
BIOL 4101	Microbiology Laboratory
BIOL 4302	Cell and Molecular Biology
BIOL 4102	Cell and Molecular Biology Laboratory

Group III

BIOL 4304	Biogeography
BIOL 3329	Genomics
BIOL 3350	Conservation Biology
BIOL 4350	Immunology

Group IV

BIOL 4335	Vertebrate Natural History
BIOL 4136	Vertebrate Natural History Laboratory
BIOL 3343	Physiology
BIOL 3144	Physiology Laboratory
BIOL 4306	Bioinformatics
BIOL 4106	Bioinformatics Lab

Genomics and Bioinformatics Minor

The primary objective of this minor is to train students in the genomics and bioinformatics, two new and emerging fields. Much of biological science and medicine are embracing genomic approaches to various questions of both basic and applied significance. It is expected that genomics will permeate much of clinical medicine within 5 years. Students will understand the general principles and applications underlying genomics and introduced to the basics of computer programming skills that are required to analyze genome-wide data and interpret the results.

Requirements:

Students wishing to earn a minor in genomics and bioinformatics must complete the following courses.

BIOL 1306	General Biology I*
BIOL 1106	General Biology I Laboratory*
BIOL 1307	General Biology II*
BIOL 1107	General Biology II Laboratory*
BIOL 3329	Genomics
BIOL 4306	Bioinformatics
BIOL 4106	Bioinformatics Laboratory

COSC 1436 Programming Fundamentals*
 COSC 1437 Object-Oriented Paradigm*
 COSC 2336 Data Structures and Algorithms

Courses marked with a * could be part of University core or a required course for some majors.

Life Science or Science Teacher Certification

All students wishing to be certified in life science (7-12) or science (4-8) in Texas public schools must complete the Academic Foundations, Professional Development, required science courses (7-12 requires completion of the Life Science Certification Option as described below), and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. For further information see a consultant in the School of Education.

Bachelor Science in Biology: Life Science Secondary
 Teacher Certification Option--Total Semester Credit
 Hours=123

University Core Curriculum—(42 hrs.)

2.0 grade point average in all required upper-division courses attempted

A grade of "C" or better in all courses used for certification

Lower division preparation (32 hrs., 14 hrs. of which are included in the University Core Curriculum)

BIOL 1306	General Biology I [TCCN: BIOL 1306]
BIOL 1106	General Biology I Laboratory [TCCN: BIOL 1106]
BIOL 1307	General Biology II [TCCN: BIOL 1307]
BIOL 1107	General Biology II Laboratory [TCCN: BIOL 1107]
CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
CHEM 1312	General Chemistry II [TCCN: CHEM 1312]
CHEM 1112	General Chemistry II Laboratory [TCCN: CHEM 1112]
MATH 2413	Calculus I [TCCN: MATH 2413]
MATH 2414	Calculus II [TCCN: MATH 2414]
PHYS 1301	College Physics I [TCCN: PHYS 1301]
PHYS 1101	College Physics I Laboratory [TCCN: PHYS 1101]
PHYS 1302	College Physics II [TCCN: PHYS 1302]
PHYS 1102	College Physics II Laboratory [TCCN: PHYS 1102]
	or
PHYS 2325	University Physics I [TCCN: PHYS 2325]
PHYS 2125	University Physics I Laboratory [TCCN: PHYS 2125]
PHYS 2326	University Physics II [TCCN: PHYS 2326]
PHYS 2126	University Physics II Laboratory [TCCN: PHYS 2126]

Upper division biology courses

Biology Core (13 hrs.)

BIOL 3332	Genetics
BIOL 3133	Genetics Laboratory
BIOL 3336	Ecology
BIOL 3137	Ecology Laboratory

BIOL 3334	Cell Biology
BIOL 3144	Physiology Laboratory
BIOL 4114	Scientific Communication I

Distribution Requirements (one course from each group)

Group I

BIOL 4305	Aquatic Biology
BIOL 4105	Aquatic Biology Lab
BIOL 4331	Entomology
BIOL 4132	Entomology Laboratory
BIOL 4340	Ornithology
BIOL 4141	Ornithology Laboratory

Group II

BIOL 4300	Microbiology
BIOL 4101	Microbiology Laboratory
BIOL 4302	Cell and Molecular Biology
BIOL 4102	Cell and Molecular Biology Laboratory

Group III

BIOL 4304	Biogeography
BIOL 3329	Genomics
BIOL 3350	Conservation Biology
BIOL 4350	Immunology

Group IV

BIOL 4335	Vertebrate Natural History
BIOL 4136	Vertebrate Natural History Laboratory
BIOL 3343	Physiology
BIOL 3144	Physiology Laboratory
BIOL 4306	Bioinformatics
BIOL 4106	Bioinformatics Lab

Additional upper-division chemistry courses (11-12 hours)

CHEM 3342	Organic Chemistry I
CHEM 3143	Organic Chemistry I Laboratory and
CHEM 3344	Organic Chemistry II
CHEM 3145	Organic Chemistry II Laboratory
CHEM 4334	Biochemistry I
CHEM 4135	Biochemistry I Laboratory
CHEM 3310	Analytical Chemistry
CHEM 3111	Analytical Chemistry Laboratory
	or
MATH 1342	Statistics [TCCN: MATH 1342]

Special Requirements for all Lecture/Laboratory Courses

The department teaches lecture courses and related laboratory courses as units; they should be taken concurrently. If a student fails either course in such a lecture/laboratory combination, one course may be repeated without repeating the other. Students may not use as part of the degree requirements a biology lecture course without the corresponding laboratory course (if one is available for that course) or a laboratory course without the corresponding lecture course, unless otherwise stated in the course description.

Students must pay for any broken or damaged equipment or glassware in science labs.

PRE-MEDICAL TECHNOLOGY (CLINICAL LABORATORY SCIENCES) See College of Nursing and Health Sciences (p. 105)

Department of Chemistry and Biochemistry

Dr. H. Neil Gray, Chair

The Department of Chemistry and Biochemistry offers the Bachelor of Science in chemistry, the Bachelor of Science in chemistry with a biochemistry emphasis, a minor in chemistry, a minor in biochemistry, a minor in physics, courses in geology, and teacher certification. The chemistry program is approved by the American Chemical Society.

Chemistry B.S. (ACS-Certified)

Objectives

The Department of Chemistry & Biochemistry offers students an opportunity to acquire a solid fundamental understanding of chemical principles, to acquire basic laboratory skills, to develop skills in oral and written communication and the use of the chemical literature, to gain an appreciation of chemistry, to develop critical thinking and logical reasoning, to use the scientific method, and to develop an ability to learn and work independently that will prepare them for advanced studies and successful careers in industry, medicine, dentistry, forensics, government, and education.

The chemistry and biochemistry curricula are designed to accomplish the above objectives through contact with specific chemistry content, exposure to laboratory experiences, and encouragement of the creative process and independent research. The degree program is flexible so that an individual can best prepare for his or her specific career. Students are encouraged to choose supporting work and electives which reinforce their knowledge of chemistry and biochemistry. Students who receive a Bachelor of Science degree in chemistry or the Bachelor of Science in chemistry with a biochemistry emphasis, and complete the curriculum approved by the American Chemical Society (ACS) graduate as ACS-certified chemists.

Chemistry High School Preparation

Students desiring to major in chemistry are expected to have a strong high school background in science and mathematics as well as good writing skills. Calculus, biology, chemistry, and physics are disciplines that the student should have studied in high school. Students who have not had these studies in high school may have additional prerequisite courses as part of their curriculum. Contact the chair of the Department of Chemistry & Biochemistry for information and advisement.

Degree Requirements

Total Semester Hours=120

1. University Core Curriculum — 42 hrs.
2. A minimum grade of "C" in all chemistry courses.
3. Completion of BIOL 1306/BIOL 1106, BIOL 1307/BIOL 1107, MATH 2413, MATH 2414, MATH 3203, MATH 3404, PHYS 2325/PHYS 2125, and PHYS 2326/PHYS 2126.
4. Completion of 49 semester hours of chemistry. Twelve semester hours of upper-division chemistry must be completed at this university. Chemistry courses required listed below.
5. Approved lower and upper-division electives selected with the student's career goals in mind. Suggested electives include courses in chemistry, biology, mathematics, computer science, statistics, education, speech, technical writing, technology, economics, psychology, sociology, and business administration.

Preparation for careers in specialized areas of chemistry and biochemistry is possible by careful selection of supporting areas of concentration. A partial list of specialized chemistry and biochemistry careers includes chemical marketing, chemical business, environmental chemistry, forensic science, pre-law (chemical patents), health professions (pre-medical and pre-dental), technical writing, biotechnology, and chemical technology. Students should confer with the academic advisor of the department in regard to such options and their career goals.

Chemistry Courses Required (49 hrs.)

Completion of 49 semester hours of chemistry. Twelve semester hours of upper-division chemistry must be completed at this university.

CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
CHEM 1312	General Chemistry II [TCCN: CHEM 1312]
CHEM 1112	General Chemistry II Laboratory [TCCN: CHEM 1112]
CHEM 3310	Analytical Chemistry
CHEM 3111	Analytical Chemistry Laboratory
CHEM 3320	Inorganic Chemistry
CHEM 3121	Inorganic Chemistry Laboratory
CHEM 3342	Organic Chemistry I
CHEM 3143	Organic Chemistry I Laboratory
CHEM 3344	Organic Chemistry II
CHEM 3145	Organic Chemistry II Laboratory
CHEM 3352	Physical Chemistry I
CHEM 3153	Physical Chemistry I Laboratory
CHEM 3354	Physical Chemistry II
CHEM 3155	Physical Chemistry II Laboratory
CHEM 4312	Instrumental Analysis
CHEM 4113	Instrumental Analysis Laboratory
CHEM 4330	Advanced Inorganic Chemistry
CHEM 4334	Biochemistry I
CHEM 4135	Biochemistry I Laboratory
CHEM 4240	Spectroscopy
CHEM 4346	Advanced Organic Chemistry
CHEM 4191	Seminar

Chemistry B.S.--Biochemistry Emphasis (ACS-Certified)

Total Semester Hours=120

Degree Requirements

1. University Core Curriculum — 42 hrs.
2. A minimum grade of "C" in all chemistry courses.
3. Completion of BIOL 1306/BIOL 1106, BIOL 1307/BIOL 1107, MATH 2413, MATH 2414, MATH 3404, PHYS 2325/PHYS 2125, and PHYS 2326/PHYS 2126.
4. Completion of 52 semester hours of chemistry. Twelve semester hours of upper-division chemistry must be completed at this university. Chemistry courses required listed below.
5. Four (4) hours of biology (lab/lecture) chosen from BIOL 3334/BIOL 3134, BIOL 3332/BIOL 3133, or BIOL 4300/BIOL 4101. A minor in biology, completed by taking all three of these courses, is strongly recommended.
6. Approved lower and upper-division electives selected with the student's career goals in mind. Suggested electives include courses in chemistry, biology, mathematics, computer science, statistics,

education, speech, technical writing, technology, economics, psychology, sociology, and business administration.

Preparation for careers in specialized areas of chemistry and biochemistry is possible by careful selection of supporting areas of concentration. A partial list of specialized chemistry and biochemistry careers includes chemical marketing, chemical business, environmental chemistry, forensic science, pre-law (chemical patents), health professions (pre-medical and pre-dental), technical writing, biotechnology, and chemical technology. Students should confer with the academic advisor of the department in regard to such options and their career goals.

Chemistry Courses Required (52 hrs.)

Twelve semester hours of upper-division chemistry must be completed at this university.

CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
CHEM 1312	General Chemistry II [TCCN: CHEM 1312]
CHEM 1112	General Chemistry II Laboratory [TCCN: CHEM 1112]
CHEM 3310	Analytical Chemistry
CHEM 3111	Analytical Chemistry Laboratory
CHEM 3320	Inorganic Chemistry
CHEM 3121	Inorganic Chemistry Laboratory
CHEM 3342	Organic Chemistry I
CHEM 3143	Organic Chemistry I Laboratory
CHEM 3344	Organic Chemistry II
CHEM 3145	Organic Chemistry II Laboratory
CHEM 3352	Physical Chemistry I
CHEM 3153	Physical Chemistry I Laboratory
CHEM 3354	Physical Chemistry II
CHEM 3155	Physical Chemistry II Laboratory
CHEM 4312	Instrumental Analysis
CHEM 4113	Instrumental Analysis Laboratory
CHEM 4330	Advanced Inorganic Chemistry
CHEM 4334	Biochemistry I
CHEM 4135	Biochemistry I Laboratory
CHEM 4240	Spectroscopy
CHEM 4336	Biochemistry II
CHEM 4346	Advanced Organic Chemistry
CHEM 4191	Seminar

Chemistry B.S. - Teacher Certification Option

Teacher Certification in Chemistry

All students wishing to be certified to teach chemistry (7-12), or physical science (4-8) in Texas public schools must complete the Academic Foundations, Professional Development, required science courses (7-12, see curriculum below), and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. For further information, see a consultant in the School of Education.

Total Semester Credit Hours = 126

Degree Requirements

1. University Core Curriculum—(42 hrs.)
2. A grade of "C" or better in all courses used for certification.

3. Completion of BIOL 1306/BIOL 1106 and 1307/BIOL 1107; MATH 2413, 2414, and 3404; PHYS 2325/PHYS 2125 and PHYS 2326/PHYS 2126
4. Completion of 44 semester hours of chemistry. Twelve semester hours of upper-division chemistry must be completed at this university. Chemistry courses required listed below.
5. Approved lower and upper-division electives selected with student's career goals in mind. Suggested electives include courses in chemistry, biology, mathematics, computer science, statistics, education, speech, technical writing, technology, economics, psychology, sociology, and business administration.

Chemistry Courses Required (44 hrs.)

Completion of 44 semester hours of chemistry. Twelve semester hours of upper-division chemistry must be completed at this university.

CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
CHEM 1312	General Chemistry II [TCCN: CHEM 1312]
CHEM 1112	General Chemistry II Laboratory [TCCN: CHEM 1112]
CHEM 3310	Analytical Chemistry
CHEM 3111	Analytical Chemistry Laboratory
CHEM 3320	Inorganic Chemistry
CHEM 3121	Inorganic Chemistry Laboratory
CHEM 3342	Organic Chemistry I
CHEM 3143	Organic Chemistry I Laboratory
CHEM 3344	Organic Chemistry II
CHEM 3145	Organic Chemistry II Laboratory
CHEM 3352	Physical Chemistry I
CHEM 3153	Physical Chemistry I Laboratory
CHEM 3354	Physical Chemistry II
CHEM 3155	Physical Chemistry II Laboratory
CHEM 4312	Instrumental Analysis
CHEM 4113	Instrumental Analysis Laboratory
CHEM 4330	Advanced Inorganic Chemistry
CHEM 4334	Biochemistry I
CHEM 4135	Biochemistry I Laboratory
CHEM 4191	Seminar

Chemistry Minor

A student may choose chemistry as a minor to satisfy bachelor's degree requirements with a major in another field. The minor requires a total of 24 semester hours of chemistry, with a minimum of a "C" in all courses.

Required courses include CHEM 1311/CHEM 1111, CHEM 1312/CHEM 1112; CHEM 3310/CHEM 3111, CHEM 3342/CHEM 3143, CHEM 3344/CHEM 3145; and either CHEM 3320/CHEM 3121 or CHEM 4334/CHEM 4135.

Biochemistry Minor

A student may choose biochemistry as a minor to satisfy bachelor's degree requirements with a major in another field. The biochemistry minor requires a total of 23 semester hours of chemistry, with a minimum of a "C" in all courses.

Required courses include CHEM 1311/CHEM 1111, CHEM 1312/CHEM 1112, CHEM 3342/CHEM 3143, CHEM 3344/CHEM 3145; CHEM 4334/CHEM 4135 and CHEM 4336.

Physics Minor

A student may choose a minor in physics to satisfy bachelor's degree requirements with a major in another field. The minor requires a total of 18 semester hours of physics with a minimum grade of "C" in all courses.

The student must take PHYS 2325/PHYS 2125, PHYS 2326/PHYS 2126, and PHYS 3101 for 9 semester hours. The remaining semester hours can be earned by taking any three of the following four courses: PHYS 3310, PHYS 3320, PHYS 4330, or PHYS 4340.

Special Requirements for Lecture/Laboratory Courses

The department teaches lecture courses and related laboratory courses as units taken concurrently. If a student fails either course in such a lecture/laboratory combination, it may be repeated without repeating the other. No student may use as part of his or her degree requirements a chemistry lecture course without the corresponding laboratory course (if one is available for that course) or a laboratory course without the corresponding lecture course, unless otherwise stated in the course description.

Students will pay for any broken or damaged items of equipment or glassware in science labs.

Department of Communication

Dr. Dennis Cali, Chair

The Department of Communication offers bachelor degrees in mass communication and speech communication, elective courses in mass communication and speech communication, and supplementary programs for undergraduates in other disciplines. At the graduate level, the department offers the Master of Arts in Communication degree.

The study of communication has assumed fundamental significance as society accelerates into the information age and has implications for all fields of study. For that reason, a minor in communication is an excellent choice for students in any field. It is especially valuable for students undecided on a major since knowledge, skills, and abilities in the communication process will be useful wherever people interact.

The Department of Communication attempts to produce students who have an appreciation for all aspects of communication, as well as a broad understanding of the process by which shared meanings are created. The department's goal is to prepare students with specific skills as communicators within the broader context of a liberal arts tradition.

Each specific degree program is tailored to the individual student's interests and abilities. For communication students, the department offers the student an opportunity to develop effective communication skills through courses in rhetoric and public address, interpersonal and small group communication, organizational communication, public relations, photography, layout/design, and multimedia journalism.

Students are encouraged to participate in departmental and university programs such as the University Debate Team, the UT Tyler *Patriot Talon* campus newspaper, and the national honorary forensics society Pi Kappa Delta.

Mass Communication B.A./B.S.

Objectives

The study of mass communication prepares students for careers in news reporting and editing for digital media, newspapers, television, public relations, and other mass media. The department's graduates usually take jobs with businesses, government agencies, professional, and non-profit organizations. Other graduates enter advertising or areas of specialized communication such as writing about medicine, technology, or business. Still others are choosing careers in "new media" - interactive computer systems, and information distribution. The mass communication major also is excellent preparation for law school.

The department offers the B.A. and B.S. in Mass Communication and the Master of Arts in Communication. The B.A. requires a foreign language sequence. The B.S. requires a set of courses in geography, economics, computer science, mathematics and/or science in place of the foreign language. The study in mass communication should be part of a broad and flexible education and the total educational experience is more important than any single part of it. Accordingly, more than seventy percent of a major's work must be done outside of mass communication.

Students desiring teacher certification in mass communication for Texas secondary schools must meet additional requirements that vary according to whether mass communication is their first or second teaching field.

Options

1. B.A. in Mass Communication: 36 hours in mass communication, 24 of which must be upper division; 18 hours in a minor; 12-14 hours of a foreign language.
2. B.S. in Mass Communication: 36 hours in mass communication, 24 of which must be upper division; 18 hours in a minor; six hours of mathematics, science, economics, geography and/or computer science, in addition to those otherwise counted as lower-division preparation.
3. Minor in Mass Communication: 18 hours in mass communication, 12 of which must be upper division.
4. Teacher Certification

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

A minimum grade of "C" in all mass communication courses

36 hours of Mass Communication, 24 of which must be upper-division, and 12 must be taken at UT Tyler.

Mass Communication Core: (15 hours)

MCOM 2306	Media Design & Production
MCOM 2311	Writing for Mass Media [TCCN: COMM 2311]
MCOM 2313	Introduction to Multimedia Production
MCOM 3318	Media Law and Ethics
MCOM 3390	Mass Communication Theory

MCOM 2306, MCOM 2311, and MCOM 2313: must be taken within the first nine (9) hours of mass communication courses

MCOM 2306: students demonstrating competency may substitute an additional three hours of mass communication electives

Electives, which include 12-14 hours of foreign language

Minor: at least 18 hrs. in a single related discipline, 12 of which must be upper-division, to be chosen in consultation with the student's major advisor.

Multimedia Journalism Option - Outside Required Courses (9 hours)

Competency: Argument

Choose 3 hours from:

SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
SPCM 2335	Argumentation and Debate
SPCM 3321	Business and Professional Speaking
SPCM 3325	Persuasive Communication

Competency: Analysis and Systematic Inquiry

3 hours:

SPCM 2310	Investigating Communication
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Competency: Complex Organization

Choose 3 hours from:

SPCM 4315	Organizational Communication
SPCM 4329	Advocacy and Politics
SPCM 4333	Religious Communication

Multimedia Journalism Option: (21 hours)

Competency: Writing/Storytelling (12 UD hours)

Required 3 hours:

MCOM 3303	News Writing
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Choose 9 hours from:

MCOM 3301	Feature Writing
MCOM 4300	Opinion Writing
MCOM 4325	Multimedia Writing and Storytelling
MCOM 4332	Advanced Multimedia News
MCOM 4370	Undergraduate Internship Program Mass Communication

Competency: Diversity/Human Relations (3 hours)

MCOM 2307	Mass Media and Society [TCCN: COMM 1307]
MCOM 3385	History of Mass Media
MCOM 4310	Community Journalism
MCOM 4370	Undergraduate Internship Program Mass Communication
MCOM 4361	Media Ethics
SPCM 4330	Interviewing
SPCM 4331	Intercultural Communication

Competency: Mediated Presentation (6 UD hours)

MCOM 3312	Publication Design
MCOM 3350	Video Production
MCOM 3360	Photojournalism
MCOM 3365	Digital Photography
MCOM 3370	Web Design
MCOM 4370	Undergraduate Internship Program Mass Communication

Total Multimedia Journalism Option - 36 Sem. Credit Hrs.

Public Relations/Integrated Communication - Outside Required: (9 hours)

Competency: Argument

Choose 3 hours from:

SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
SPCM 2335	Argumentation and Debate
SPCM 3321	Business and Professional Speaking
SPCM 3325	Persuasive Communication

Competency: Complex Organization

Choose 3 hours from:

SPCM 4315	Organizational Communication
SPCM 4329	Advocacy and Politics
SPCM 4333	Religious Communication

Competency: Diversity/Human Relations

Choose 3 hours from:

MCOM 2307	Mass Media and Society [TCCN: COMM 1307]
MCOM 3385	History of Mass Media
SPCM 3322	Small Group Communication
SPCM 4330	Interviewing
SPCM 4331	Intercultural Communication

Total PR/Integrated Communication Outside Required - 9 Sem. Credit Hrs.

Public Relations/Integrated Communication Option: (21 hours)

Competency: Analysis and Systematic Inquiry (9 UD hours)

MCOM 2375	Introduction to Public Relations or
MCOM 2340	Introduction to Advertising
MCOM 4363	Public Relations Case Studies
MCOM 4365	Public Relations Campaigns

Competency: Writing/Storytelling: (6 UD hours)

MCOM 3395	Writing for Public Relations and Advertising
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Choose 3 hours from:

MCOM 3301	Feature Writing
MCOM 4325	Multimedia Writing and Storytelling
MCOM 4370	Undergraduate Internship Program Mass Communication

Competency: Mediated Presentation: (6 UD hours)

MCOM 3311	Visual Design
MCOM 3350	Video Production
MCOM 3360	Photojournalism
MCOM 3365	Digital Photography
MCOM 3370	Web Design
MCOM 4370	Undergraduate Internship Program Mass Communication

Total Public Relation/Integrated Communication Option - 36 Sem. Credit Hrs.

Mass Communication B.S.

Total Semester Credit Hours=120

The B.S. degree requirements in mass communication are the same as those for the B.A. degree except that instead of a foreign language requirement, the student is required to take six hours of mathematics, science, economics, geography and/or computer science, in addition to those otherwise counted in the Core Curriculum. These six hours may be taken at the lower- or upper-division.

Mass Communication Minor

Mass Communication may be chosen as a minor to satisfy bachelor degree programs with majors in other fields. This program requires 18 hours of mass communication, 12 of which must be upper division. Courses are selected by the student in consultation with a member of the Department of Communication.

Mass Communication Teacher Certification

All students wishing to be certified to teach journalism (7-12) in Texas public schools must complete the Academic Foundations, Professional Development, the B.A./B.S. requirements for the Mass Communication degree, and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. For further information see a consultant in the School of Education.

Graphic Design Minor

The minor in Graphic Design will prepare students to design content online as well as print platforms. Students will learn to design layout for web, brochure, logo, campaign, advertisement, video, photography and other multimedia applications.

Degree Requirements

This minor consists of 18 hours of coursework, comprised of 15 hours of required courses and 3 hours of electives.

Required Courses

MCOM 2306	Media Design & Production
MCOM 2313	Introduction to Multimedia Production
MCOM 3311	Visual Design
MCOM 3312	Publication Design
MCOM 3370	Web Design

Elective Courses (choose one)

ART 1301	Introduction to Art [TCCN: ARTS 1301]
ART 1311	Two-Dimensional Design [TCCN: ARTS 1311]
MCOM 2340	Introduction to Advertising
MCOM 3360	Photojournalism
MCOM 3365	Digital Photography
MCOM 4370	Undergraduate Internship Program Mass Communication

Speech Communication B.A./B.S.

Objectives

Whether one seeks a career in teaching, law, the ministry, business, government, the arts, or social services, the ability to communicate is essential to success. The speech communication program offers the student an opportunity to develop effective communication skills through courses in rhetoric and public address, interpersonal, intercultural and small group communication, business and professional communication, and communication theory.

Options

1. B.A. in speech communication: 36 hours in speech communication, 21 of which must be upper division, and 12 of the upper division hours in the major must be taken at this university; 18 hours in a minor; and four semesters of a foreign language and electives sufficient to meet university requirements.
2. B.S. in speech communication: 36 hours in speech communication, 21 of which must be upper division and 12 of the upper division hours in the major must be taken at this university; 18 hours in a minor; and six hours of mathematics, science, economics, geography and/or computer science, in addition to those otherwise counted as lower-division preparation and electives sufficient to meet university requirements.

3. Speech communication as a minor: 18 hours of speech communication, 9 of which must be upper division.
4. Sports Communication as a minor: 15 specific hours in speech communication and mass communication plus 3 hours in sports marketing.
5. Teacher Certification

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

A minimum grade of "C" in each speech communication course

Thirty-six semester hours of speech communication, 21 of which must be upper division, and at least 12 upper division hours in the major must be taken at this university:

Speech Communication Core (12 hrs.)

SPCM 2318	Interpersonal Communication [TCCN: SPCH 1318]
SPCM 3322	Small Group Communication
SPCM 4315	Organizational Communication or Interviewing
SPCM 4330	Communication Theory

Six hours from:

SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
SPCM 2335	Argumentation and Debate
SPCM 3321	Business and Professional Speaking
SPCM 4326	Public Speaking

18 hours of additional SPCM courses

Electives sufficient to meet university requirements.

Minor: At least 18 hrs. in a single related discipline to be chosen in consultation with the student's major advisor.

Four semesters of an approved foreign language: The student may also complete this requirement by passing a written examination approved by the foreign language faculty.

Speech Communication B.S.

Total Semester Credit Hours=120

The B.S. degree requirements in speech communication are the same as those for the B.A. degree except that instead of a foreign language requirement, the student is required to take six hours of mathematics, science, economics, geography and/or computer science, in addition to those otherwise counted as lower-division preparation. These six hours may be taken at the lower- or upper-division.

Speech Communication Minor

Speech communication may be chosen as a minor to satisfy certain bachelor degree programs with majors in other fields. This program consists of 18 semester hours in speech communication, at least nine of which must be upper division. In consultation with their speech communication minor advisor, students may select courses in the minor to meet their personal and professional goals.

Sports Communication Minor

Sports play a significant role in American culture and create a multitude of communication –related careers. Within the sports industry there is a

growing need for graduates with specialized training in sports media/communication, writing, marketing, multimedia production, group communication, critical thinking, leadership and communication and technology. The Sports Communication minor offers students a strong education that can be used in radio broadcasting, internet marketing and sports commentating as well as sports information and sport digital media.

Degree Requirements

Requirements List

SPCM 2315	Sports Communication
MCOM 2311	Writing for Mass Media [TCCN: COMM 2311]
MCOM 2313	Introduction to Multimedia Production
SPCM 3322	Small Group Communication
MARK 4310	Sports Marketing

and one of the following:

SPCM 4315 Organizational Communication

MCOM 2330 Introduction to Principles of Advertising

MCOM 2375 Introduction to Principles of Public Relations

Speech Teacher Certification

All students wishing to be certified to teach speech grades 7-12 in Texas public schools must complete the Academic Foundations, Professional Development, the B.A./B.S. in Speech Communication degree including SPCM 3321 and 4301, and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. For further information see a consultant in the School of Education.

Department of Literature and Languages

Dr. Hui Wu, Chair

The Department of Literature and Languages strives to expand students' awareness of, and sensitivity to, the diversity of human beings as expressed in their literatures, languages, ideas, values, and philosophies. Through the teaching of English, world languages, and philosophy, the department aims to enhance student abilities of critical reading, thinking, and writing in the evaluation of fundamental assumptions and concepts that shape language uses and discourse formation. By enhancing the quality of faculty, the curricula, the effectiveness of its support services, and the quality of its graduates, the department ties its mission to the University's mission to foster students' intellectual growth, competent and ethical professionalism, understanding of their place in a global society, and role as responsible citizens.

English B.A.

Objectives

The mission of the English program is to graduate students who have mastered the principles of writing and textual interpretation, who have a sound knowledge of the development of human intellectual culture through literature, and who have developed the ability to create and analyze literary works intelligently

Options

1. B.A. in English: six hours of English Composition from the University Core Curriculum requirements, six hours of lower-division literature survey courses, 30 hours as specified, 18 hours in a minor, and 12 credit hours or four semesters of a foreign language
2. Minors in English, Medieval and Renaissance Studies, Asian Studies, Spanish, Philosophy, and Religion Studies: 18 hours for each program
3. Teacher Certification

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum

University Core Curriculum (42 hours) including 6 hours of college composition and 6 hours of literature survey.

Minimum Grade

A minimum grade of C in English courses.

Required Courses (30 hours)

Thirty semester credit hours as specified below including at least 18 hours at this university:

Writing, language study, or rhetoric (6 hrs.):

ENGL 3308	Writing Textual Analysis and either
ENGL 3312	Creative Writing I
ENGL 3360	Classical Language Skills
ENGL 3375	Modern Grammar
ENGL 3376	Contrastive Linguistics
ENGL 4376	Introduction to Linguistics or
ENGL 4380	The Language of Argument

British, World, or American Literature from the early or early modern periods (6 hrs.):

ENGL 4300	Old and Middle English Literature
ENGL 4305	Renaissance Poetry and Prose
ENGL 4310	Shakespeare
ENGL 4315	Restoration and Eighteenth-Century Literature
ENGL 4345	American Literature through the Romantic Period
ENGL 4348	American Renaissance
ENGL 4360	Studies in World Literature
ENGL 4362	Classical Literature in Translation

ENGL 4360: early texts

British or American Literature from the modern periods (6 hrs.):

ENGL 4301	Masters of Early British Literature
ENGL 4320	The Romantic Period
ENGL 4325	Victorian Literature
ENGL 4330	English Twentieth-Century Literature
ENGL 4335	The English Novel
ENGL 4350	American Realism
ENGL 4355	American Twentieth-Century Literature or
ENGL 4360	Studies in World Literature

ENGL 4360: later texts

Electives (9 hrs.):

ENGL 3312	Creative Writing I
ENGL 3314	Creative Writing II
ENGL 3360	Classical Language Skills
ENGL 3375	Modern Grammar
ENGL 3376	Contrastive Linguistics
ENGL 3385	History of the English Language
ENGL 4300	Old and Middle English Literature
ENGL 4301	Masters of Early British Literature
ENGL 4305	Renaissance Poetry and Prose

ENGL 4310	Shakespeare
ENGL 4315	Restoration and Eighteenth-Century Literature
ENGL 4320	The Romantic Period
ENGL 4325	Victorian Literature
ENGL 4330	English Twentieth-Century Literature
ENGL 4335	The English Novel
ENGL 4341	Genre Studies in American Literature
ENGL 4345	American Literature through the Romantic Period
ENGL 4348	American Renaissance
ENGL 4350	American Realism
ENGL 4355	American Twentieth-Century Literature
ENGL 4360	Studies in World Literature
ENGL 4362	Classical Literature in Translation
ENGL 4365	Special Topics in Literary Study
ENGL 4376	Introduction to Linguistics
ENGL 4380	The Language of Argument
ENGL 4393	Writing Center Theory and Practice
ENGL 4368	Literary Settings and Influences
ENGL 4668	Literary Settings and Influences

Senior Seminar:

ENGL 4397 Senior Seminar

Foreign Language

12 credit hours of a single approved foreign language or the demonstration of equivalent competency. The student may also complete this requirement by passing a written examination approved by the foreign language faculty.

Minor

A minor of at least 18 hours in a related discipline chosen in consultation with the student's advisor.

Electives**English Studies Minor**

This minor may be chosen to satisfy bachelor's degree requirements in other fields. The program requires a total of 18 hours in the field, 12 of which must be upper division.

Required Courses

ENGL 1301
ENGL 1302
ENGL 3308

Electives

9 hours of upper-division (3000-4000 level) ENGL courses.

Asian Studies Minor

This minor may be chosen to satisfy bachelor's degree requirements in all majors offered by University of Texas at Tyler. Students planning on international careers in business, government, law, or who simply want to broaden their knowledge about a part of the world that includes a significant portion of the world's population and economic output would benefit from this minor. This interdisciplinary minor requires 18 hours of undergraduate course-work. Unless students who minor in Asian Studies are taking either Chinese or Japanese languages courses, 12 of the 18 required hours must be upper level courses dealing (all or in part) with Asia. Those who take Japanese or Chinese may count up to 12 hours of language courses toward the Asian Studies minor with only 6 hours of upper division courses. Those who do not complete 12 credit

hours of Chinese or Japanese can select from these courses: ART 4342 Non-Western Art; ASIA 4361 Asian Literature; ASIA 4381 Asian Culture and Rhetoric; HIST 4393 Japanese Civilization; HIST 4394 Chinese Civilization; PHIL 4330 Comparative Religious Philosophy; and SPCM 4331 Intercultural Communication. These courses may be from any department so long as the focus is Asia.

Medieval and Renaissance Studies Minor

This minor may be chosen to satisfy bachelor's degree requirements in other fields. The program requires a total of 18 hours in the field, 12 of which must be upper division (appropriate lower division courses will need to cover some combination of the Medieval and/or Renaissance periods, e.g., ART 2303, ENGL 2322, ENGL 2362, HIST 2321 and other courses with consent of the advisor). No more than 9 hours can be taken in any one discipline, and courses must be different than those used to fulfill major requirements. The minor must include either POLS 3361 or PHIL 3330. Other courses are selected in consultation with an advisor.

Philosophy Minor

Philosophy may be offered as a minor to satisfy requirements for certain bachelor's degree programs with majors in other fields. This program consists of 18 semester hours in philosophy, at least 12 of which must be upper division.

Religion Studies Minor

Minors in Religion Studies must complete 18 hours of Religion Studies (RELI) or approved interdisciplinary courses offered by the College Arts and Sciences with no more than six hours of lower division courses.

English Language Arts and Reading Teacher Certification

All students wishing to be certified to teach English Language Arts and Reading (4-8 and 7-12) in Texas public schools must complete the Academic Foundations, Professional Development, required English language arts and reading courses (7-12 requires completion of the B. A. in English), and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. For further information see a consultant in the School of Education.

Spanish B.A.**Objectives**

A major in Spanish fosters the development of analytical and communicative skills that uniquely prepare students for our increasingly diverse national culture and global economic system. The Spanish program offers language instruction at the beginning, intermediate, and advanced levels. Courses are also offered in the literatures of Spain and Spanish America as well as Hispanic culture. Upon completing the program, the student will possess a strong understanding of the language, culture, and literatures of more than three hundred million people worldwide. Careers may be pursued in a variety of fields

including elementary, secondary, and higher education; social work; communications; and government.

Options

1. B.A. in Spanish: 38 hours, or the equivalent, in Spanish, and 18 hours in a minor
2. Minor in Spanish: 18 hours of Spanish
3. Teacher Certification

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum

University Core Curriculum (42 hours)

Minimum G.P.A.

A minimum grade point average of 2.0 in Spanish courses, including a 2.0 average at this university.

Required Courses

A minimum of 38 hours in Spanish, 24 of which must be upper-division hours in Spanish, and at least 12 of which must be taken at this university, as follows:

SPAN 1413	Introduction to Spanish I [TCCN: SPAN 1411] and
SPAN 1414	Introduction to Spanish II [TCCN: SPAN 1412] or
SPAN 1611 SPAN 2311	Accelerated Spanish I Intermediate Spanish I [TCCN: SPAN 2311] and
SPAN 2312	Intermediate Spanish II [TCCN: SPAN 2312] or
SPAN 2611 SPAN 3335 SPAN 4310 SPAN 4331 SPAN 4385 SPAN 3345 SPAN 4397	Accelerated Spanish II Writing Proficiency in Spanish Advanced Grammar Hispanic Culture and Civilization Spanish for Oral Proficiency Introduction to Hispanic Literature Senior Seminar

Spanish electives (6 hours):

ENGL 4376	Introduction to Linguistics
ENGL 3360	Classical Language Skills
SPAN 3350	Survey of Spanish Literature to 1700
SPAN 3355	Survey of Spanish Literature Since 1700
SPAN 4352	Cervantes
SPAN 4360	Special Studies in Spanish Literature and Language
SPAN 4364	Colonial Latin-American Literature
SPAN 4365	Modern Latin-American Literature
SPAN 4368	Field Study in Spanish
SPAN 4370	The Spanish American Short Story
SPAN 4390	The Contemporary Spanish American Novel
SPAN 4668	Field Study in Spanish

Minor

A minor of at least 18 hours in a related discipline chosen in consultation with the student's advisor and the department offering the minor. At least six hours in the student's minor must be taken at this university.

Electives

Spanish Minor

Spanish may be chosen as a minor to satisfy certain programs with majors in other fields. This program consists of 18 semester hours in Spanish, 12 of which must be upper-division. Courses are selected by the student in consultation with a member of the Spanish faculty.

Spanish Teacher Certification

All students wishing to be certified to teach Spanish (EC-12) in Texas public schools must complete the Academic Foundations, Professional Development, the B.A. in Spanish, and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog.

Other Course Descriptions

Although UT Tyler does not offer a generic foreign language degree or degrees in French, Chinese or Japanese, courses are offered as electives for students majoring in other disciplines.

Pre-med, pre-dental, and pre-pharmacy students are strongly encouraged to take English 3360, Classical Language Skills, to prepare themselves for terms of medicine.

Department of Mathematics

Dr. Sheldon Davis, Chair

The Department of Mathematics offers the Bachelor of Science degree in mathematics. For students seeking a certification in secondary education, the Department of Mathematics, in conjunction with the College of Education and Psychology, offers the Bachelor of Science degree in mathematics with teacher certification. See the section on Teacher Certification below.

Mathematics B.S.

Objectives

The mathematics program offers the student an opportunity to gain an appreciation of the artistic nature of mathematics, to solve problems analytically, to acquire a firm foundation for advanced study, to acquire training for teaching, and an opportunity to acquire knowledge useful to a person entering scientific or business fields for which mathematics is necessary for efficient performance. The mathematics curriculum is designed to accomplish the above objectives through exposure to specific mathematical content, development of logical reasoning, and encouragement of the creative process and independent research. The degree program is flexible so that an individual can best prepare for his or her specific career. Students are encouraged to choose supporting work and electives which apply and reinforce their mathematical skills.

High School Preparation

Students desiring to major in mathematics should have completed four years of mathematics in high school, including pre-calculus and at least three years of science in high school. Students who have not completed this preparation may have additional prerequisite courses as part of their curriculum. Contact the chair of the Department of Mathematics for information and advisement.

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

Grade of "C" or better in all mathematics courses completed.

A total of 51 semester hours of mathematics completed, including 41 semester hours of upper-division mathematics, nine semester hours of mathematics at this university.

Each student seeking a baccalaureate degree with a major in mathematics must complete the following specific requirements (42 hours)

MATH 2413	Calculus I [TCCN: MATH 2413]
MATH 2113	Calculus I Computer Lab
MATH 2414	Calculus II [TCCN: MATH 2414]
MATH 2114	Calculus II Computer Lab
MATH 3404	Multivariate Calculus
MATH 3104	Multivariate Calculus Computer Lab
MATH 3305	Ordinary Differential Equations
MATH 3315	Linear Algebra and Matrix Theory
MATH 3425	Foundations of Mathematics
MATH 3336	Abstract Algebra I
MATH 3345	Real Analysis I
MATH 3373	Applied Mathematics I
MATH 3380	Algorithms in Applied Mathematics
MATH 4160	Senior Seminar I
MATH 4161	Senior Seminar II
MATH 4350	Theory of Probability

One course chosen from the following (3 hours)

MATH 4336	Abstract Algebra II
MATH 4341	Real Analysis II
MATH 4342	Introduction to Complex Variables

One course chosen from the following (3 hours)

MATH 4351	Applied Statistics
MATH 4373	Applied Mathematics II
MATH 4380	Modeling and Numerical Analysis

One additional upper division mathematics course (3 hours)

Students seeking teacher certification (8-12) must complete MATH 3365: Geometric Systems

All other students may take any upper-division mathematics course except MATH 3203 and MATH 3351.

Additional hours of approved electives in a related discipline or disciplines to reach the 120 hour minimum: at least nine semester hours must be at the upper division and at least six semester hours must be completed at UT Tyler.

Mathematics Minor

A student may choose mathematics as a minor to satisfy bachelor degree programs with a major in another field. This program requires a total of 18 hours of mathematics, including MATH 2413, MATH 2113, and MATH 2414. At least nine semester hours of upper-division mathematics must be completed, including MATH 3425.

Mathematics Teacher Certification

All students wishing to be certified to teach mathematics (7-12) in Texas public schools must complete the Academic Foundations, Professional Development and required mathematics courses for the B.S. in Mathematics and meet the requirements described in the Certification section of the College of Education and Psychology section

of this catalog. For further information see an advisor in the School of Education.

Department of Political Science and History

Dr. Marcus Stadelmann, Chair

Political Science B.A./B.S.

The Discipline of Political Science offers both Bachelor of Arts and Bachelor of Science degrees in Political Science, as well as minors in Pre-Law, International Relations, Terrorism Studies, and Political Science.

Objectives

The Discipline of Political Science provides a comprehensive understanding of the problems and processes of politics. In addition to acquiring critical writing, communications, and analytical skills, political science majors master the political institutions of both Texas and the United States, explore the intricacies of international relations and foreign policy, compare political systems, gain experience with the law, and are challenged by the basic philosophical questions of political existence.

A field of great breadth and diversity, political science is a very popular undergraduate major. Curricula promote critical thinking, ethics, citizenship skills, an understanding of cultural and social diversity within the national and international context and communication and technological skills.

A degree in political science is excellent preparation for a career in law or political analysis. Political science majors qualify for public sector careers in local, state and federal governments, international organizations, and pre-college and college teaching, as well as careers in journalism, finance, political campaigns, and interest groups and organizations. Training in political science further provides outstanding preparation for participation in community organizations, electoral politics, social and political movements, and elected or appointed positions in government.

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

A minimum grade of "C" in all political science courses.

Twelve semester hours of upper division political science courses must be completed at this university.

A minimum of 36 semester hours in political science, of which 30 must be upper division, as follows:

Required

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Political Theory: (3 hours)

POLS 3360	Classical Foundations of Western Political Theory
POLS 3361	Western Political Theory from the Middle Ages to the Renaissance
POLS 3362	Western Political Theory From the Enlightenment
POLS 4353	Contemporary Political Theory
POLS 4360	American Political Thought

POLS 4361 Theories of Nonviolence
 POLS 4365 Topics in Political Science when applicable

American Politics: (6 hours)

POLS 3300 United States Constitutional Development
 POLS 3330 American Political Parties
 POLS 3335 American Campaign Politics
 POLS 4320 The Judicial System and Process
 POLS 4330 The American Presidency
 POLS 4340 Congress and Legislation
 POLS 4355 American Mass Politics
 POLS 4365 Topics in Political Science when applicable

Comparative Politics: (3 hours)

POLS 3370 Comparative Politics
 POLS 3372 The Politics of Russia and the CIS
 POLS 3375 European Political Systems
 POLS 3380 The Politics of Latin America
 POLS 3385 Politics of Eastern Europe
 POLS 3388 Politics of Asia
 POLS 3395 Middle Eastern Politics
 POLS 4325 Politics of Africa

POLS 4365 Topics in Political Science when applicable

International Politics: (3 hours)

POLS 3310 International Relations
 POLS 3315 American Foreign Policy
 POLS 3390 International Political Economy
 POLS 4305 International Terrorism
 POLS 4310 International Conflict
 POLS 4315 Model United Nations
 POLS 4316 Model United Nations II
 POLS 4350 International Diplomacy, Law, and Organization

POLS 4365 Topics in Political Science when applicable

Public Administration and Policy: (3 hours)

POLS 3340 Introduction to Public Administration
 POLS 3345 Urban and Municipal Government
 POLS 4335 Comparative Health Systems
 POLS 4345 Public Policy Analysis
 POLS 4349 Planning for the Urban Future

POLS 4365 Topics in Political Science when applicable

Legal Studies: (3 hours)

POLS 3321 Jurisprudence
 POLS 4321 American Constitutional Law
 POLS 4322 The Law of Civil Liberties

POLS 4365 Topics in Political Science when applicable

Methodology: (3 hours)

POLS 4396 Political Research and Methodology
 or
 SOCI 3396 Social Research Methods
 or
 Equivalent

Upper-division political science electives (6 hours)

A minor of at least 18 hours, chosen in consultation with an advisor in the minor discipline.

FOR THE BACHELOR OF ARTS DEGREE: At least four semesters of a single foreign language or a satisfactory grade on a written examination approved by the foreign language faculty

FOR THE BACHELOR OF SCIENCE DEGREE: Six hours from economics, geography, and/or computer science in addition to those otherwise counted as lower-division preparation.

International Relations Minor

The International Relations minor provides intensive study of the dynamic forces and trends that characterize the contemporary political and economic world, and the impact of those forces within and across national boundaries. The minor consists of 18 semester credit hours as follows:

Degree Requirements**Political Science courses:****three hours from:**

POLS 3310 International Relations
 POLS 3315 American Foreign Policy
 POLS 3390 International Political Economy
 POLS 4305 International Terrorism
 POLS 4310 International Conflict
 POLS 4315 Model United Nations
 POLS 4316 Model United Nations II
 POLS 4350 International Diplomacy, Law, and Organization

three hours from:

POLS 3370 Comparative Politics
 POLS 3372 The Politics of Russia and the CIS
 POLS 3375 European Political Systems
 POLS 3380 The Politics of Latin America
 POLS 3385 Politics of Eastern Europe
 POLS 3388 Politics of Asia
 POLS 3395 Middle Eastern Politics
 POLS 4325 Politics of Africa

three additional hours from:

POLS 3310 International Relations
 POLS 3315 American Foreign Policy
 POLS 3370 Comparative Politics
 POLS 3372 The Politics of Russia and the CIS
 POLS 3375 European Political Systems
 POLS 3380 The Politics of Latin America
 POLS 3385 Politics of Eastern Europe
 POLS 3390 International Political Economy
 POLS 3395 Middle Eastern Politics
 POLS 4305 International Terrorism
 POLS 4310 International Conflict
 POLS 4315 Model United Nations
 POLS 4316 Model United Nations II
 POLS 4325 Politics of Africa
 POLS 4350 International Diplomacy, Law, and Organization

nine semester credit hours chosen from**Elective courses:**

ANTH 3330 Cultural Anthropology
 CRIJ 4350 Comparative Criminal Justice
 ECON 3305 Comparative Economic Systems
 ECON 4330 International Trade
 FINA 4350 International Finance
 GEOG 1313 World Regional Geography [TCCN: GEOG 1303]
 MANA 4310 International Management
 SOCI 3321 Multi-Cultural Studies
 HIST 3359 Twentieth-Century Europe
 HIST 3395 History of Russia

HIST 4360	African History I
HIST 4361	African History II
HIST 4392	Modern Latin America
HIST 4393	Japanese Civilization
HIST 4394	Chinese Civilization
HIST 4395	Modern Middle East

Additional courses may be substituted with the approval of the Political Science Chair.

International Studies Minor

The minor in international studies is designed to increase the global awareness and cross-cultural sensitivity of graduates. Students may focus on one of the following five world regions: Latin America, Europe, Asia, Africa, or Middle East; or one of the following three global topics areas: Global Conflict, Global Culture, or Global Economy.

The minor in international studies is an 18-hour program consisting of 1) a required core course, 2) one or two courses of upper-division directed electives dealing with global issues, 3) two courses in the world area or topic of concentration, and 4) a travel-study course. Courses taken to fulfill requirements for a major cannot be applied to the minor.

Students pursuing a minor in international studies are encouraged to complete 6-8 hours in a foreign language before graduation. Students wishing to pursue the International Studies minor should consult with a College Advisor in the College of Arts and Sciences Advising Office.

Core course:

INTS 3300 Relations and Issues

Directed Electives: (3-6 hours)

Concentration area: (6 hours)

Asia
Europe
Latin America
Africa
Middle East
Global Conflict
Global Culture
Global Economy

Travel-Study Experience: (3-6 hours)

Political Science Minor

Political science may be chosen as a minor to satisfy requirements for certain bachelor's degree programs with majors in other fields. This program consists of 18 semester hours in political science, at least twelve of which must be upper division. These upper-division hours should include one or more courses in any three of the following categories: (1) theory and methodology (2) American politics (3) comparative and international politics, and (4) public administration, policy, and law.

Terrorism Studies Minor

The minor in Terrorism Studies is an 18 hour interdisciplinary minor designed to provide students with an understanding of the phenomenon of terrorism as well as related topics and issues. There is one 3 hour

required course, with the remaining 15 hours distributed from a list of elective courses.

Degree Requirements

Required Course

POLS 4305 International Terrorism

Elective Courses Group B (6 hours)

Take two from the following:

RELI 3310 Introduction to Judaism
RELI 3320 Introduction to Islam
RELI 3330 Introduction to Christianity
RELI 3350 Topics in Religion and Politics
PHIL 4330 Comparative Religious Philosophy

The Special Topics courses will be allowed to count for the minor when the specific subject matter is congruent with this program of study and approved by the program advisor.

Elective Courses Group A (9 hours)

Take three from the following:

ALHS 3302 Human Diseases
COSC 4362 Computer Security
CRIJ 4340 Crimes of Violence
POLS 4310 International Conflict
POLS 3395 Middle Eastern Politics
POLS 4365 Topics In Political Science

Pre-Law Minor

The Pre-Law minor is an 18-hour interdisciplinary minor designed to prepare students for the post-undergraduate study of law. It consists of 12 hours of required core courses and 6 hours from a list of selected electives. Courses taken to fulfill requirements for a major cannot be applied to the minor.

PLEASE NOTE: Students intending to apply to law school should not take **any** undergraduate course on Pass/Fail or CR/NC basis. Pass (P) is typically interpreted as a "C" or "D"; CR is typically interpreted as a "C"; and an NC as an "F".

Degree Requirements

Core Courses (12 hrs.):

POLS 3321 Jurisprudence
or
POLS 4320 The Judicial System and Process
POLS 4321 American Constitutional Law
or
POLS 4322 The Law of Civil Liberties
CRIJ 3325 Law and Society
or
CRIJ 3326 Criminal Law
ENGL 3308 Writing Textual Analysis
or
ENGL 4380 The Language of Argument

Electives (6 hrs.):

POLS 3300 United States Constitutional Development
BLAW 3301 Business Law and Social Responsibility
BLAW 3306 Business Law
BLAW 4340 Business and Professional Ethics
CRIJ 3310 Ethical Issues in Criminal Justice
CRIJ 4341 Criminal Procedure
CRIJ 4345 Evidence

CRIJ 4350	Comparative Criminal Justice
CRIJ 4360	Topics In Criminal Justice
MCOM 3318	Media Law and Ethics
POLS 3321	Jurisprudence
	or
POLS 4320	The Judicial System and Process
POLS 4321	American Constitutional Law
	or
POLS 4322	The Law of Civil Liberties
POLS 4350	International Diplomacy, Law, and Organization
SOCI 4311	Majority-Minority Relations
SPCM 3325	Persuasive Communication
SPCM 4326	Public Speaking
SPCM 4328	Corporate and Legal Advocacy

POLS 3321, POLS 4320, POLS 4321, and POLS 4322: If not already taken to fulfill core courses requirement.

Social Studies Teacher Certification

All students wishing to be certified to teach social studies (4-8 or 7-12) in Texas public schools must complete the Academic Foundations Professional Development, required social studies courses, and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. In addition, certification at the 7-12 level requires completion of the B.A./B.S. in History or Political Science.

For all components of the social studies teaching specialization, see the Certification section of the College of Education and Psychology section of this catalog. For further information see a consultant in the School of Education.

History

The Discipline of History offers courses leading to undergraduate degrees in history and teaching specializations in history (7-12) and social studies (4-8) and (7-12). The program also provides a minor and elective courses in history for undergraduates who major in other disciplines.

Students are encouraged to become involved in campus organizations such as the Frank H. Smyrl chapter of the Walter Prescott Webb Historical Society; and the Psi Alpha chapter of Phi Alpha Theta, the history international honor society.

History B.A./B.S.

Objectives

The history program provides each student the opportunity to pursue a broad based liberal arts program that best suits individual intellectual interests and career goals. Programs are designed for careers in a variety of fields, including elementary, secondary, and higher education; law; the ministry; library and archival work; business; and government.

Degree Requirements - Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

A minimum grade of "C" in all history courses.

Required Courses

A minimum of 36 semester hours in history, 24 of which must be upper division, and 6 upper-division hours in the major must be taken at this university:

15 hours of the following:

HIST 1301	United States History I [TCCN: HIST 1301]
HIST 1302	United States History II [TCCN: HIST 1302]
HIST 2321	World Civilizations I [TCCN: HIST 2321]
HIST 2322	World Civilizations II [TCCN: HIST 2322]
HIST 3300	Historical Methods and Research

World History upper-division courses (6 hours)

HIST 3301	Patterns of World History
HIST 3382	Mediterranean Civilization
HIST 3395	History of Russia
HIST 4360	African History I
HIST 4361	African History II
HIST 4377	American Borderlands
HIST 4391	Colonial Latin America
HIST 4392	Modern Latin America
HIST 4393	Japanese Civilization
HIST 4394	Chinese Civilization
HIST 4395	Modern Middle East

HIST 4397 Topics in History when applicable

European History upper-division courses (6 hours)

HIST 3352	Renaissance Europe
HIST 3353	Reformation Europe
HIST 3354	Medieval Europe
HIST 3356	Seventeenth Century Europe
HIST 3357	Eighteenth Century Europe
HIST 3358	Nineteenth-Century Europe
HIST 3359	Twentieth-Century Europe
HIST 3383	Tudor and Stuart England
HIST 3395	History of Russia

HIST 4397 Topics in History when applicable

United States History upper-division courses (9 hours)

HIST 4320	History of Texas
HIST 4322	The American South
HIST 4323	20th Century Presidential Leadership
HIST 4327	Early American Diplomatic History
HIST 4328	Modern American Diplomatic History
HIST 4329	Early American Military History
HIST 4330	Modern American Military History
HIST 4334	Women in US History
HIST 4371	History of Mexican-Americans
HIST 4372	History of African Americans
HIST 4376	Native American History
HIST 4377	American Borderlands
HIST 4379	The Age of Jackson
HIST 4384	Colonial America
HIST 4385	Revolutionary America
HIST 4386	Civil War and Reconstruction
HIST 4387	Industrial and Progressive America
HIST 4388	America During the World Wars
HIST 4389	America Since 1945

HIST 4397 Topics in History when applicable

Minor

A minor of at least 18 hours in a single related discipline or at least 18 hours of guided electives to be chosen in consultation with the student's advisor.

FOR THE BACHELOR OF ARTS DEGREE: At least four semesters of a single foreign language or a satisfactory grade on a written examination approved by the foreign language faculty.

FOR THE BACHELOR OF SCIENCE DEGREE: Six hours from economics, geography, and/or computer science in addition to those otherwise counted as lower-division preparation.

History Minor

History may be chosen as a minor to satisfy requirements for certain bachelor's degree programs with majors in other fields. This program consists of 18 semester hours in history, at least nine of which must be upper-division. Of these, three should be in United States history and three in world or European history.

Social Studies Minor

Degree Requirements

A minimum of 18 semester hours, 9 of which must be upper division, as follows:

3 hours of the following:

POLS 3310	International Relations
POLS 3315	American Foreign Policy
POLS 3370	Comparative Politics
POLS 3372	The Politics of Russia and the CIS
POLS 3375	European Political Systems
POLS 3380	The Politics of Latin America
POLS 3385	Politics of Eastern Europe
POLS 3388	Politics of Asia
POLS 3390	International Political Economy
POLS 3395	Middle Eastern Politics
POLS 4305	International Terrorism
POLS 4315	Model United Nations
POLS 4325	Politics of Africa
POLS 4350	International Diplomacy, Law, and Organization

6 hours:

ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]

3 hours of the following:

GEOG 3320	Physical Geography
GEOG 3325	North American Geography
ECON 3305	Comparative Economic Systems

3 hours:

GEOG 1313	World Regional Geography [TCCN: GEOG 1303]
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3 hours of the following:

SOCI 3321	Multi-Cultural Studies
SOCI 3341	Marriage and Family Life
ANTH 3330	Cultural Anthropology

History and Social Studies Teacher Certification

All students wishing to be certified to teach history (7-12) in Texas public schools must complete the Academic Foundations, Professional Development, the B.A. or B.S. in History degree requirements, and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog.

All students wishing to teach social studies (4-8 and 7-12) in Texas public schools must complete the Academic Foundations, Professional Development, and the required social studies content courses. For 7-12 certification, students must complete the B.A./B.S. in History or the B.A./B.S. in Political Science, and the required social studies content courses, which can be found in the Certification section of the catalog. For further information see a consultant in the School of Education.

The teacher certification social studies minor requires 3 more hours of specified POLS upper-division.

Department of Social Sciences

Dr. Barbara Hart, Chair

The Department of Social Sciences offers courses leading to undergraduate degrees in criminal justice, economics, and social sciences; courses leading to minors in geography and anthropology; and elective courses for undergraduate students in other disciplines. At the graduate level, the department offers the Master of Science in Criminal Justice and Master of Public Administration. Public Administration participates in the Master of Arts/Science degree programs in interdisciplinary studies.

Objectives

The Department of Social Sciences offers undergraduate and graduate degrees in an interdisciplinary setting. Through teaching, research and service, the department faculty prepares students for continued graduate education, for employment in business, government and the professions, and for an appreciation and understanding of theirs and others' societies. Curricula promote critical thinking, ethics, citizenship skills, an understanding of cultural and social diversity within the national and international context and communication and technological skills. The overall goals are to provide students with skills for life-long learning and to contribute to scholarship for the advancement of knowledge.

Criminal Justice B.S.

Objectives

The major objectives of the criminal justice program are to prepare students for a wide variety of professional careers involving social needs such as the criminal justice system and human services. The program provides an opportunity for persons currently serving in the criminal justice system to continue their education. This discipline also complements the education received by students in related disciplines and fosters an understanding of the role and function of the criminal justice system.

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

No grade below a "C" in criminal justice courses will be accepted toward the degree.

Prerequisite for upper division course work:

CRIJ 1301 Introduction to Criminal Justice

Minimum 36 semester hours of upper-division criminal justice.

Ethical Issues--three semester hours

CRIJ 3310 Ethical Issues in Criminal Justice

Administration of Justice--three semester hours

CRIJ 3311 Administration of Criminal Justice Agencies

Criminology Theory--three semester hours

CRIJ 3320 Criminology

Corrections--three semester hours from:

CRIJ 4313 Corrections Theory and Practice

CRIJ 4314 Community-based Corrections

CRIJ 3322 Probation and Parole

Law Adjudication--six semester hours:

CRIJ 3326 Criminal Law

CRIJ 4341 Criminal Procedure

Law Enforcement--three semester hours:

CRIJ 4333 Community Policing

CRIJ 2332 Introduction to American Policing Practices

CRIJ 4332 Criminal Investigation

CRIJ 2332: for students with fewer than 12 hours of lower-division criminal justice

CRIJ 4332: for students with prerequisite of at least one policing course

Research and Methods--three semester hours:

CRIJ 4322 Criminal Justice Research Methods

Capstone Experience--three semester hours:

CRIJ 4355 Senior Seminar in Criminal Justice

9 hours of upper division electives in Criminal Justice

A minor of 18 hours, chosen in consultation with the student's major advisor

Electives

Notes: (1) No more than 21 lower-division hours in criminal justice may be applied toward baccalaureate degree requirements. (2) All courses cross-listed between criminal justice and any other discipline must be taken as criminal justice courses.

Criminal Justice Minor

Criminal justice may be chosen as a minor to satisfy bachelor degree requirements in other fields. This program consists of 18 semester hours in criminal justice including CRIJ 1301 and at least 12 upper-division hours to include CRIJ 3320, CRIJ 3326, and CRIJ 4341.

Economics B.A./ B.S.**Degree Requirements**

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

A minimum grade-point average of 2.0 in upper-division economics courses, including a 2.0 average in a minimum of 12 upper division hours of economics taken at this university.

No grade below "C" in any economics course will be accepted for graduation.

Twelve hours of preparation comprised of:

MATH 1314 College Algebra [TCCN: MATH 1314]

or

MATH 1324 Mathematics for Business and Economics I [TCCN: MATH 1324]

MATH 1342 Statistics [TCCN: MATH 1342]

MATH 1325 Mathematics for Business and Economics II [TCCN: MATH 1325]

COSC 1307 Introduction to Information Systems Software [TCCN: BCIS 1305]

or

COSC 3309

MATH 1314, MATH 1324, MATH 1342, and MATH 1325: may be part of Core Curriculum

A minimum of 30 hours in economics, of which 24 must be upper division, as follows:

ECON 2301 Principles of Macroeconomics [TCCN: ECON 2301]

ECON 2302 Principles of Microeconomics [TCCN: ECON 2302]

ECON 3314 Intermediate Microeconomic Analysis

ECON 3317 Intermediate Macroeconomic Analysis

ECON 4320 Managerial Economics

ECON 4320: required of all majors and should be taken in senior year

Upper division economics chosen with advisor approval.

(15 hours, of which 6 hours may include finance courses.)

A minor of 18 hours chosen in consultation with the student's advisor

FOR THE BACHELOR OF ARTS DEGREE: at least four semesters of a single foreign language or a satisfactory grade on a written examination approved by the foreign language faculty

Electives**Economics Minor**

A minor in economics is a valuable support field for many different majors. It has proven to be particularly helpful to students majoring in political science, history, social sciences, mass communication, law, and business administration. The economics minor requires 18 hours consisting of six hours of principles and 12 additional hours, 9 of which must be at the upper-level, chosen with approval of an economics advisor.

Social Sciences B.A./ B.S.

Total Semester Credit Hours=120

Degree Requirements

University Core Curriculum "C" or better in each course (42 hrs.)

A minimum grade point average of 2.0 in upper division courses in Sociology, Anthropology and Geography.

A minimum of 36 semester hours in Sociology, Anthropology, and Geography, including:

Required Core Courses--27 hours

ANTH 3330	Cultural Anthropology
ANTH 3360	Archaeology
ANTH 3380	Physical Anthropology
GEOG 1313	World Regional Geography [TCCN: GEOG 1303]
GEOG 3320	Physical Geography
GEOG 4365	Topics in Geography
SOCI 1301	Introduction to Sociology [TCCN: SOCI 1301]
SOCI 3370	Sociological Theory
SOCI 3396	Social Research Methods

Social Sciences electives:

A minimum of 9 additional hours in area of specialization (ANTH, GEOG, or SOCI)

The Bachelor of Arts degree in Social Sciences will require 12 hours of a foreign language.

Courses from other institutions may be substituted for courses in Sociology, Anthropology and Geography only with approval of the program director.

Twenty-one hours in these fields must be earned at UT Tyler.

A minor of at least 18 hours, chosen in consultation with an advisor in the minor discipline.

A student with a Social Science major may NOT also minor in Sociology, Geography or Anthropology.

Electives to complete 120 hours for the baccalaureate degree.

Sociology Minor

Sociology may be chosen as a minor to satisfy requirements for bachelor degree programs with majors in other fields. This program consists of 18 semester hours in sociology, 12 of which must be upper division, chosen in consultation with a social sciences advisor.

Anthropology Minor

Anthropology is a broad discipline that studies human conditions across time and space. The minor can support a wide range of majors, criminal justice, economics, history, English, mass communication as well as life sciences. The anthropology minor requires 18 hours of anthropology courses, 12 of which must be upper division. One upper division course can be substituted by ENGL 3376: Contrastive Linguistics or ENGL 4376: The Nature of Language.

Geography Minor

Geography is the study of the earth as the human home. Geography courses are designed for undergraduate students taking the minor to fulfill academic and career objectives. The minor will enable students to become familiar with the major concepts in geography as well as the people, places, and cultures as they are found in various regions of the

world. Students will also learn about physical processes that frame the planet earth. Up to two courses in the sub-field Geographic Information Systems (GIS) may be included in the minor. This sub-field will equip students for a wide range of challenging professional careers in social science, urban land use planning as well as employment with city, state, and federal governments. The minor can support majors in social sciences, education, life sciences, mass communication, history, and technology.

The minor in geography requires 18 hours of geography, 12 of which must be at the upper division.

School of Performing Arts

Dr. Michael Thrasher, Director

The School of Performing Arts (SPA) is a community of recognized artists and professionals. The SPA is committed to providing a high quality learning environment that develops in each student the knowledge, skills and professionalism to work as an artist. Arts students enjoy many opportunities to learn about teaching and performing within a dynamic and personal campus environment. The School sponsors numerous guest artists and travel/study opportunities.

Department of Music

Through the Bachelor of Music degree, Bachelor of Arts degree and the Master of Arts degree in Interdisciplinary Studies, the Music Department offers challenging instruction and performance opportunities to prepare music majors for careers and/or advanced study in any of a number of music specializations. Students in other major fields may also pursue a minor in music. Music students have many opportunities to perform in the Braithwaite recital Hall and the Vaughn Auditorium. The Braithwaite Recital Hall is an impressive 166-seat hall which features oak paneling throughout, a magnificent stage for solo, chamber, or student recitals, and a state-of-the-art digital recording studio. The Vaughn Auditorium is a magnificent 2000-seat hall with a Broadway-sized stage, full cast and solo dressing rooms, and full orchestra pit. The Music Department also features a computer/digital keyboard lab and excellent theory/aural skills rooms.

Specifically, the Music Department provides academic and performance training leading to:

- all-level teacher certification and careers in music education in both public and private elementary and secondary schools
- music careers in private studio teaching or church programs
- graduate study in music, in preparation for careers in music performance, composition, music theory or musicology

The Department serves students from within a broad liberal arts curriculum. In this role, it provides:

- a core of basic courses and musical experiences to meet University Core Curriculum requirements in music for the general university student population
- an awareness of the interrelationship between the arts and other academic disciplines
- opportunities for individuals to develop an articulate aesthetic sense and to become discerning consumers and patrons of the arts

- performance experiences for musicians of various skill levels, through ensembles open to membership without audition and ensembles designed to meet the needs of pre-professional musicians

The music faculty holds a strong belief in the value of music and the fine arts as essential components of the human spirit, necessary to a well-rounded, fulfilling existence, and in the academic worth of music as a discipline of study. Music Program faculty work to infuse these beliefs into both classroom teaching and performance instruction.

Lower Division and Transfer Student Requirements

Incoming freshman music majors should be aware that, unlike certain disciplines, specialized music study begins in the first year. These courses are taken concurrently with the freshman and sophomore general education core courses.

In addition to meeting all general requirements for admission to the University, all incoming students intending to major in music must perform an entrance audition in their principal performing medium before a faculty committee, or submit a portfolio of compositions, as appropriate. Transfer students must also supply a complete list of repertoire previously studied. Unless approved for upper division instruction through audition, transfer students will enroll in lower division applied music. Audition dates must be arranged through the Music Department.

To ensure appropriate course placement, theory and keyboard assessments will be administered to all incoming music majors, whether freshmen or transfer students. Contact the music office for administration dates. Transfer students must complete the lower division Field of Study requirements in music with grades of "C" or better.

The music curriculum is designed to ensure reasonable scope and competence in all graduates. Any music degree is demanding in both academic studies and performance. Most students, especially those seeking teacher certification, will need to complete some of the coursework in summers or plan to allow five years to complete the program. Careful consultation with a faculty advisor is required throughout the program to ensure timely progress toward the degree.

Music Program Policies

Space limitations prevent the inclusion of all Music Department policies and requirements in this catalog. Additional policies and requirements are published in the Music Department Student Handbook, available at www.uttyler.edu/music, and in print form in the Music Department office.

A grade of C or higher is required for all course work in all music degree programs.

Bachelor of Music (B.M.) - Composition Emphasis

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

May be applied to Core Curriculum requirements:

MUSI 2308 Music Literature [TCCN: MUSI 1307]

Musical Performance and Composition (29 hrs.)

1. Applied Study in voice or instrument (MUAP)--12 hrs. (8 lower-division and 4 upper-division)
2. Applied study in composition (MUAP)--12 hours upper-division
3. Ensembles (MUEN)--4 hours lower-division
4. Senior Recital--MUAP 4100

Supporting Courses in Music--49 hours

(not including MUSI 2308, which is applied toward Core Curriculum requirements)

Lower-Division Courses (20 hrs.)

MUAP 1111	Harmony and Keyboard I
MUAP 1112	Harmony and Keyboard II
MUAP 2111	Harmony and Keyboard III
MUAP 2112	Harmony and Keyboard IV
MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]

MUSI 1000: 6 registrations

Upper-Division Courses (29 hrs.)

MUSI 3214	Advanced Conducting and Score Reading
MUSI 3311	Conducting
MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 3342	Electronic Music
MUSI 3348	Composers Seminar
MUSI 4340	Counterpoint
MUSI 4342	Form and Analysis
MUSI 4343	Topics in Music Theory
MUSI 4345	Arranging for Choral and Instrumental Ensembles

Bachelor of Music (B.M.) - Instrumental Performance Emphasis

Degree Requirements

Total Semester Credit Hours=120

University Core Curriculum (42 hrs.)

May be applied to core curriculum requirements:

MUSI 2308 Music Literature [TCCN: MUSI 1307]

Musical Performance, Technique and Pedagogy - 32 hours

1. Applied study in primary instrument (MUAP)--16 hrs. (8 lower-division, 8 upper-division)
2. Major Ensembles (MUEN)--8 hrs. (4 lower-division, 4 upper-division)
3. Minor Ensembles (MUEN)--4 hrs. (lower-division)
4. Required Courses--4 hrs.
 - a. MUAP 3000 Junior Recital
 - b. MUAP 4100 Recital
 - c. MUSI 3330 Topics in Pedagogy and Literature

Supporting Courses in Music--35 hours

(not including MUSI 2308, which is applied toward core curriculum requirements)

Lower-Division Courses (20 hrs.)

MUAP 1111	Harmony and Keyboard I
MUAP 1112	Harmony and Keyboard II
MUAP 2111	Harmony and Keyboard III
MUAP 2112	Harmony and Keyboard IV
MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]

MUSI 1000: 6 registrations

Upper-Division Courses (15 hrs.)

MUSI 3311	Conducting
MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 4342	Form and Analysis
MUSI 4345	Arranging for Choral and Instrumental Ensembles

Music Electives (upper-division)-11 hrs.**Bachelor of Music (B.M.) - Instrumental Music Education Emphasis****Degree Requirements**

Total Semester Credit Hours = 121

University Core Curriculum (42 hrs.)

May be applied to core curriculum requirements:

MUSI 2308	Music Literature [TCCN: MUSI 1307]
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Musical Performance --21 hours

1. Applied study in primary instrument (MUAP)--14 hrs. (8 lower-division, 6 upper-division)
2. Major Ensembles (MUEN)--7 hrs. (4 lower-division, 3 upper-division)
3. Required Course
MUAP 3000 Junior Recital

Musicianship and Pedagogy--58 hours

(not including MUSI 2308, which is applied toward core curriculum requirements)

Lower-Division Courses (20 hrs.)

MUAP 1111	Harmony and Keyboard I
MUAP 1112	Harmony and Keyboard II
MUAP 2111	Harmony and Keyboard III
MUAP 2112	Harmony and Keyboard IV
MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]

MUSI 1000: 6 registrations

Upper-Division Courses (38 hrs.)

MUSI 3214	Advanced Conducting and Score Reading
MUSI 3220	Woodwind Methods
MUSI 3221	Brass Methods

MUSI 3222	Percussion Methods
MUSI 3223	String Methods
MUSI 3229	Vocal Seminar for Instrumental Majors
MUSI 3240	Marching Band Procedures
MUSI 3311	Conducting
MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 3325	Teaching Music in the Elementary School
MUSI 3327	Teaching Music in Secondary Schools
MUSI 4326	Instrumental Materials and Band Administration
MUSI 4342	Form and Analysis
MUSI 4345	Arranging for Choral and Instrumental Ensembles

Bachelor of Music (B.M.) - Piano Performance Emphasis**Degree Requirements**

Total Semester Credit Hours = 120

University Core Curriculum (42 hrs.)

May be applied to core curriculum requirements:

MUSI 2308	Music Literature [TCCN: MUSI 1307]
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Musical Performance --32 hours

1. Applied study in piano (MUAP)--16 hrs. (8 lower-division, 8 upper-division)
2. Accompanying/Ensembles (MUEN/MUAP)--8 hrs. (4 lower-division, 4 upper-division)
3. Applied study in secondary instrument (MUAP)--4 hrs. (lower-division)
4. Required Courses--4 hrs.
MUAP 3000 Junior Recital
MUAP 4100 Recital
MUSI 3335 Piano Pedagogy

Supporting Courses in Music (36 hrs.)

(not including MUSI 2308, which is applied toward core curriculum requirements)

Lower-Division Courses (18 hrs.)

MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]
MUAP 2111	Harmony and Keyboard III
MUAP 2112	Harmony and Keyboard IV

MUSI 1000: 6 registrations

Upper-Division Courses (18 hrs.)

MUSI 3311	Conducting
MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 4340	Counterpoint
MUSI 4320	Piano Literature
MUSI 4342	Form and Analysis

Music Electives - 10 hrs. Upper Division**Bachelor of Music (B.M.) - Piano Pedagogy Emphasis**

Degree Requirements**Total Semester Credit Hours = 120****University Core Curriculum (42 hrs.)**

May be applied to core curriculum requirements:

MUSI 2308 Music Literature [TCCN: MUSI 1307]

Musical Performance--26 hrs.

1. Applied study in piano (MUAP)--16 hrs. (8 lower-division, 8 upper-division)
2. Accompanying/Ensembles (MUEN/MUAP)--8 hrs. (4 lower-division, 4 upper-division)
3. Applied study in secondary instrument (MUAP)--2 hrs. (lower-division)
4. Required Course
MUAP 3000 Junior Recital

Supporting Courses in Music (49 hrs.)

(not including MUSI 2308, which is applied toward core curriculum requirements)

Lower-Division Courses (18 hrs.)

MUAP 1111	Harmony and Keyboard I
MUAP 1112	Harmony and Keyboard II
MUAP 2111	Harmony and Keyboard III
MUAP 2112	Harmony and Keyboard IV
MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]

MUSI 1000: 6 registrations

Upper-Division Courses (31 hrs.)

MUSI 3311	Conducting
MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 3325	Teaching Music in the Elementary School
MUSI 3330	Topics in Pedagogy and Literature
MUSI 3335	Piano Pedagogy
MUSI 4320	Piano Literature
MUSI 4342	Form and Analysis

MUSI 3330: two semesters, 6 credit hours

MUSI 4201: Internship in Piano Pedagogy (two semesters)

Music Electives - Upper-Division (3 hrs.)**Bachelor of Music (B.M.) - Vocal Performance Emphasis****Degree Requirements****Total Semester Credit Hours = 120****University Core Curriculum (42 hrs.)**

May be applied to Core Curriculum requirements:

MUSI 2308 Music Literature [TCCN: MUSI 1307]

Musical Performance, Techniques and Pedagogy--38 hours

1. Applied study in voice (MUAP)--16 hrs. (8 lower-division, 8 upper-division)
2. Major Ensembles (MUEN)--8 hrs. (4 lower-division, 4 upper-division)

3. Required Courses--3 hrs.
MUEN 3151 Opera Workshop/Musical Theatre Lab (2 registrations)
MUAP 3000 Junior Recital
MUAP 4100 Recital
4. Pedagogy and Literature--11 hrs.
MUSI 3330 Topics in Pedagogy and Literature
MUSI 3230 Song Literature
MUSI 3231 Vocal Pedagogy
MUSI 3224 Diction I
MUSI 3225 Diction II

Supporting Courses in Music--38 hours

(not including MUSI 2308, which is applied toward Core Curriculum requirements)

Lower-Division Courses (20 hrs.)

MUAP 1111	Harmony and Keyboard I
MUAP 1112	Harmony and Keyboard II
MUAP 2111	Harmony and Keyboard III
MUAP 2112	Harmony and Keyboard IV
MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]

MUSI 1000: 6 registrations

Upper-Division Courses (18 hrs.)

MUSI 3311	Conducting
MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 3313	Music Theatre
MUSI 4342	Form and Analysis
MUSI 4345	Arranging for Choral and Instrumental Ensembles

Music Electives -- 2 hrs.**Bachelor of Music (B.M.) - Vocal Music Education Emphasis****Degree Requirements****Total Semester Credit Hours = 120****University Core Curriculum--42 hours**

May be applied to Core Curriculum requirements:

MUSI 2308 Music Literature [TCCN: MUSI 1307]

Musical Performance--21 hours

1. Applied study in voice (MUAP)--14 hrs. (8 lower-division, 6 upper-division)
2. Major Ensembles (MUEN)--7 hrs. (4 lower-division, 3 upper-division)
3. Required Course
MUAP 3000 Junior Recital

Musicianship and Pedagogy--57 hours

(not including MUSI 2308, which is applied toward core curriculum requirements)

Lower-Division Courses (20 hrs.)

MUAP 1111	Harmony and Keyboard I
MUAP 1112	Harmony and Keyboard II
MUAP 2111	Harmony and Keyboard III

MUAP 2112	Harmony and Keyboard IV
MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]

MUSI 1000: 6 registrations

Upper-Division Courses (37 hrs.)

MUSI 3224	Diction I
MUSI 3225	Diction II
MUSI 3226	Choral Conducting and Score Reading
MUSI 3228	Instrumental Seminar for Vocal Majors
MUSI 3230	Song Literature
MUSI 3231	Vocal Pedagogy
MUSI 3311	Conducting
MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 3325	Teaching Music in the Elementary School
MUSI 3327	Teaching Music in Secondary Schools
MUSI 4225	Choral Literature and Methods I
MUSI 4226	Choral Literature and Methods II
MUSI 4342	Form and Analysis
MUSI 4345	Arranging for Choral and Instrumental Ensembles

Bachelor of Arts in Music

Degree Requirements

Total Semester Credit Hours=127

University Core Curriculum--42 hours

May be applied to Core Curriculum requirements:

MUSI 2308	Music Literature [TCCN: MUSI 1307]
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Foreign Language--14 hours (four semesters)

Musical Performance--14 hours

1. Applied Study in voice or instrument (MUAP)--7 hours (4 lower-division and 3-upper-division)
2. Major Ensembles (MUEN)--7 hours (4 lower-division; 3 upper-division)

Musicianship--42 hours

(not including MUSI 2308, which is applied toward Core Curriculum requirements)

Lower-Division Course (20 hrs.)

MUAP 1111	Harmony and Keyboard I
MUAP 1112	Harmony and Keyboard II
MUAP 2111	Harmony and Keyboard III
MUAP 2112	Harmony and Keyboard IV
MUSI 1000	Recitals, Concerts and Productions
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 2116	Aural Skills III [TCCN: MUSI 2116]
MUSI 2117	Aural Skills IV [TCCN: MUSI 2117]
MUSI 2311	Music Theory III [TCCN: MUSI 2311]
MUSI 2312	Music Theory IV [TCCN: MUSI 2312]

MUSI 1000: 6 registrations

Upper-Division courses (22 hrs.)

MUSI 3311	Conducting
MUSI 3318	Musics of the World

MUSI 3319	Music History I
MUSI 3320	Music History II
MUSI 4101	Analytical/Research Project
MUSI 4340	Counterpoint
MUSI 4342	Form and Analysis
MUSI 4345	Arranging for Choral and Instrumental Ensembles

Electives--15 hours

1. Music (Upper-division)--6 hrs.
2. Non-Music (Upper-division)--9 hrs.

There is no recital requirement for this degree. A substantial formal paper prepared in MUSI 4101: Analytical/Research Project shall be presented with the approval of the major advisor and submitted as evidence of competence in the major field. The project may be an outgrowth of a music theory, history, topics course, or independent study project, as appropriate to the student's interest.

Music Minor

Music may be chosen as a minor to satisfy bachelor's degree program requirements with majors in other fields. Students must audition in an applied area for acceptance in the program. A minimum of 19 hours is required, 6 of which must be earned at UT Tyler. Students should consult with a music advisor prior to the first semester enrolled to discuss the availability of classes.

Degree Requirements

Required Courses

MUSI 1000	Recitals, Concerts and Productions
MUSI 1311	Music Theory I [TCCN: MUSI 1311]
MUSI 1312	Music Theory II [TCCN: MUSI 1312]
MUSI 1116	Aural Skills I [TCCN: MUSI 1116]
MUSI 1117	Aural Skills II [TCCN: MUSI 1117]
MUSI 1111	Harmony & Keyboard
MUSI 1112	Harmony & Keyboard
MUSI 2308	Music Literature [TCCN: MUSI 1307]
	Guided Electives

Guided Electives: 6 hours from lower-division MUAP and/or upper-division MUSI, MUAP or MUEN courses with advisor approval

MUSI 1000: minimum 4 semesters with grade of CR

Music Teacher Certification

All students wishing to be certified to teach music (EC-12) in Texas public schools must complete the Academic Foundations, Professional Development, the Bachelor of Music (B.M.), and meet the requirements described in the Certification section of the College of Education and Psychology section of this catalog. For further information see a consultant in the Department of Curriculum and Instruction.

Applied Music Courses

Applied Music courses are available from beginning to advanced levels of study for one, two or three credit hours. Students are required to furnish their own instrument and music materials. All lessons will be taught in the instructor's university's studio. Permission to enroll and appropriate computer call number may be obtained by contacting the music office. A fee of \$50 will be charged for each one credit hour

course, a fee of \$100 will be charged for each two credit hour course, and a fee of \$125 will be charged for each three credit hour course. (fees are subject to change). Undergraduate and graduate level courses may be repeated twice for credit.

Accompanying	MUAP 1171, 1271, 2171, 2271, 3271, 3371, 4271, 4371, 5271, 5371
Baritone Horn	MUAP 1250, 3250, 5250
Bassoon	MUAP 1126, 1226, 2126, 2226, 3226, 3326, 4226, 4326, 5226, 5326
Clarinet	MUAP 1129, 1229, 2129, 2229, 3229, 3329, 4229, 4329, 5229, 5329
Composition	MUAP 3287, 3387, 4287, 4387, 5287, 5387
Contrabass	MUAP 1113, 1213, 2113, 2213, 3213, 3313, 4213, 4313, 5213, 5313
Euphonium	MUAP 1150, 1250, 2150, 2250, 3250, 3350, 4250, 4350, 5250, 5350
Flute	MUAP 1120, 1220, 2120, 2220, 3220, 3320, 4220, 4320, 5220, 5320
French Horn	MUAP 1141, 1241, 2141, 2241, 3241, 3341, 4241, 4341, 5241, 5341
Guitar	MUAP 1161, 1261, 2161, 2261, 3261, 3361, 4261, 4361, 5261, 5361
Harpsichord	MUAP 1170, 1270, 2170, 2171, 3270, 3370, 4270, 4370, 5270, 5370
Oboe	MUAP 1121, 1221, 2121, 2221, 3221, 3321, 4221, 4321, 5221, 5321
Organ	MUAP 1166, 1266, 2166, 2266, 3266, 3366, 4266, 4366, 5266, 5366
Percussion	MUAP 1157, 1257, 2157, 2257, 3257, 3357, 4257, 4357, 5257, 5357
Piano	MUAP 1169, 1269, 2169, 2269, 3269, 3369, 4269, 4369, 5269, 5369
Saxophone	MUAP 1133, 1233, 2133, 2233, 3233, 3333, 4233, 4333, 5233, 5333
Trombone	MUAP 1146, 1246, 2146, 2246, 3246, 3346, 4246, 4346, 5246, 5346
Trumpet	MUAP 1137, 1237, 2137, 2237, 3237, 3337, 4237, 4337, 5237, 5337
Tuba	MUAP 1153, 1253, 2153, 2253, 3253, 3353, 4253, 4353, 5253, 5353
Viola	MUAP 1105, 1205, 2105, 2205, 3205, 3305, 4205, 4305, 5205, 5305
Violin	MUAP 1101, 1201, 2101, 2201, 3201, 3301, 4201, 4301, 5201, 5301
Violoncello	MUAP 1109, 1209, 2109, 2209, 3209, 3309, 4209, 4309, 5209, 5309
Voice	MUAP 1181, 1281, 2181, 2281, 3281, 3381, 4281, 4381, 5281, 5381

Theatre Studies may be chosen as a minor for students with majors in other fields. A minor in Theatre Studies requires at least 18 hours of courses, 12 of which must be upper level. At least 9 credit hours must be completed at this university.

Degree Requirements

Introduction to Theatre (6 hrs.)

THTR 1351	Acting: An Introduction [TCCN: DRAM 1351]
THTR 1301	The Theatre: Plays in Performance [TCCN: DRAM 1310]
	or
THTR 1356	The Cinema: Films and Performers

Theatre History (6 hrs.)

THTR 3329	Theatre History: Aeschylus to Shakespeare
THTR 3330	Theatre History: Moliere to the Present

English Literature (3 hrs.)

ENGL 4310	Shakespeare
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THTR 4329: Topics in Drama (3 hrs.)

THTR 4329	Topics in Drama
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Theatre Studies Minor

COLLEGE OF BUSINESS AND TECHNOLOGY

Dr. James R. Lumpkin, Dean

Vision

The College of Business and Technology will develop a reputation as the best business school in the region through outreach programs that meet business stakeholders' needs, selected focal programs that receive national recognition, and discipline-based special programs that add value to the degree, and enhance the graduate's job opportunities.

Mission

The College of Business and Technology provides high quality business education to citizens of the East Texas region and beyond through a strategic mix of face-to-face and online delivery. We employ High-Impact Educational Practices that help students at the bachelor's and master's levels attain the knowledge and skills they need to be successful as professionals.

We serve our stakeholders by providing a range of general and specialized master's degrees. We maintain a balance between teaching and research that values the creation of both basic and applied knowledge along with teaching excellence.

The College of Business and Technology is authorized to award the following degrees:

Bachelor of Business Administration

Majors: Accounting
Finance
Management
Marketing

Bachelor of Science in Computer Science

Bachelor of Science in Computer Information Systems

Bachelor of Science in Human Resource Development

Bachelor of Science in Industrial Technology

Master of Accountancy

Master of Business Administration

Master of Science in Computer Science

Master of Science in Human Resource Development

Master of Science in Industrial Management

Ph.D. in Human Resource Development

The Bachelor of Business Administration and the Master of Business Administration are fully accredited by AACSB International - The Association to Advance Collegiate Schools of Business, the national accrediting organization for business and management programs. Accreditation means that the Business Administration programs meet or exceed high quality and continuous improvement standards for achieving its mission in such areas as curriculum, faculty, intellectual climate, admissions criteria, graduation requirements, library, technological and fiscal resources.

The Bachelor of Science in Industrial Technology is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE). ATMAE accreditation ensures that the institution has met a

series of standards to provide industry, business, education, and government with highly competent employees and assures the graduate of an ATMAE-accredited program that they are receiving a marketable degree through relevant curricula.

Bachelor of Business Administration

Total 120 semester credit hours

Objectives

The Bachelor of Business Administration (BBA) prepares students for positions as executives, managers, and specialists in businesses and other organizations. Such an education provides an opportunity to:

1. understand contemporary business culture;
2. appreciate the historical evolution of business, and develop an awareness of the social and economic influences in the global community;
3. encourage social responsibility and community service;
4. understand major functional areas of business, their relationships, and develop some degree of specialization and application; and
5. prepare for graduate study.

Students are encouraged to establish a firm base of humanities, arts, and sciences; to develop analytical capability; to investigate major functional areas of business; and to recognize that the role of leadership in the modern business system is vitally important for community progress and economic development.

Admission to the Bachelor of Business Administration Programs

Transfer and freshmen students who are admitted to UT Tyler and interested in pursuing a BBA degree should select one of the following majors: accounting, finance, management, or marketing. Students must maintain an overall grade point average of 2.0 and receive a "C" or higher in each of the required courses except the upper-level electives. The following Pre-Business courses should be completed before enrolling in Business Core or Major courses:

Pre-Business Courses

Accounting Principles - Financial Accounting, Managerial Accounting
Computer Literacy*
Economic Principles - Microeconomics, Macroeconomics
Mathematics
Speech**
Statistics

**Computer applications adapted to the solution of business problems (equivalent to TECH 2323 or COSC 1307).*

***Public speaking with an emphasis on the preparation and presentation of professional speeches, using computer technology when appropriate.*

Transfer of Credit

Only grades of "C" and above may apply towards degree requirements.

General Baccalaureate Degree Requirements

The College of Business and Technology offers a Bachelor of Business Administration (BBA) degree with majors in accounting, finance, management, and marketing, which requires:

1. A minimum of 120 semester credit hours.
2. At least 50 percent of the upper-division business courses must be taken at UT Tyler.
3. In no event may a student register for the graduation semester until the completion of all prerequisites.
4. A minimum grade point average of 2.0 in all upper-division work undertaken and a minimum grade of "C" in each course in the major.
5. A common Business Core of 28 hours (see course list below).
6. Eighteen upper-division hours in the Major. At least 12 hours in the Major must be completed at UT Tyler.
7. Twelve additional upper-division hours, at least nine of which must be taken in the College of Business and Technology.
8. Two additional lower- or upper-level hours should be selected from the CBT approved list.

Common Business Core (28 hrs.)

The Common Business core courses are as follows, with variations by Major, as noted with a minimum grade of "C":

MANA 1300	Introduction to Business [TCCN: BUSI 1301]
FINA 3311	Principles of Finance
BLAW 3301	Business Law and Social Responsibility
MANA 3370	Business Writing and Oral Presentations
MANA 3170	How to Get a Job
MANA 3305	Operations Management
MANA 3311	Fundamentals of Management
MARK 3311	Principles of Marketing
MANA 3330	Management Information Systems
MANA 4395	Strategic Management

1. Accounting majors must complete ACCT 4391: Accounting Information Systems rather than MANA 3330.
2. MANA 4395 should be taken after above courses in the common business core are completed, or with permission of the department chair.

Freshman Admission

Freshman seeking the Bachelor of Business Administration (BBA) as the intended degree should declare one of the following majors:

Accounting
Finance
Management
Marketing

During the freshman and sophomore years each student should complete the University Core Curriculum and the Pre-Business courses. Check with your advisor for courses that currently meet the core curriculum requirements. The courses listed below represent an acceptable plan

Core Curriculum (42 hrs.)

Communication (6 hrs.)

The following two courses are recommended:

ENGL 1301	College Composition I [TCCN: ENGL 1301]
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SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
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Mathematics (3 hrs.)

MATH 1342	Statistics [TCCN: MATH 1342]
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The following course is recommended:

Life and Physical Sciences (6 hrs.)

Select courses from the approved University Core Curriculum (p. 19) list.

Language, Philosophy and Culture (3 hrs.)

Select course from the approved University Core Curriculum (p. 19) list.

Creative Arts (3 hrs.)

Select course from the approved University Core Curriculum (p. 20) list.

Human Expression (3 hrs.)

ENGL 1302	College Composition II [TCCN: ENGL 1302]
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American History (6 hrs.)

HIST 1301	United States History I [TCCN: HIST 1301]
HIST 1302	United States History II [TCCN: HIST 1302]

Government/Political Science (6 hrs.)

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Social and Behavioral Sciences (3 hrs.)

BBA Majors: The following course is recommended:

ECON 2301	Principles of Macroeconomics
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All other CBT majors: Select one of the following recommended courses:

ECON 1301	Introduction to Economics [TCCN: ECON 1301]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]

STEM

BBA Majors: One of the following courses is recommended:

MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]
MATH 1314	College Algebra [TCCN: MATH 1314]

Pre-Business Core (30 hrs.)

Note: Some courses required for the Pre-Business can meet the core curriculum requirements.

Accounting

ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]

Economics

ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]

Computer Applications

TECH 2323 Introduction to Computer Applications

Speech

SPCM 1311 Introduction to Communication Studies [TCCN: SPCH 1311]

or
SPCM 1315 Fundamentals of Speech Communication [TCCN: SPCH 1315]**Mathematics**

MATH 1324 Mathematics for Business and Economics I [TCCN: MATH 1324]

or
MATH 1314 College Algebra [TCCN: MATH 1314]
MATH 1325 Mathematics for Business and Economics II [TCCN: MATH 1325]**Statistics**

MATH 1342 Statistics [TCCN: MATH 1342]

Business Administration Minor

A minor in Business Administration is available to students who are not pursuing a BBA.

Degree Requirements (27-30 Total Credit Hours)

The student must complete 12-15 specified lower-division semester hours and 18 upper-division semester hours from the College of Business and Technology as outlined below and must meet any prerequisites listed:

ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
TECH 2323	Introduction to Computer Applications
MATH 1342	Statistics [TCCN: MATH 1342]
FINA 3315	Personal Finance
MANA 3305	Operations Management
MANA 3330	Management Information Systems
TECH 3355	Supply Chain Management
MANA 3311	Fundamentals of Management
MARK 3311	Principles of Marketing

Upper-division courses selected from the curriculum of the College of Business and Technology (6 hrs.)

Accounting**Bachelor of Business Administration in Accounting****Total Semester Credit Hours = 120**

Professional opportunities in the field of accounting include professional practice as a Certified Public Accountant, corporate accountant, controller, and government sector fiscal officer. The accounting career path often leads to responsible positions in organizations such as comptroller, chief financial officer, or president of the firm. Accounting is also excellent training for graduate business degrees (e.g. the MBA) and for law school. The undergraduate program in accounting provides students with a solid foundation that, upon completion of guided graduate coursework, will meet the requirements necessary to sit for the Uniform CPA exam.

Objectives

Educational outcomes for students who complete the accounting major include the following:

1. Complete foundational accounting courses in preparation for graduate study that will meet requirements to sit for the Uniform CPA exam.
2. Comprehend the policy, environmental, regulatory, and compliance issues of accounting.
3. Understand and exercise the ethical and professional responsibilities of an accountant.
4. Understand the content, concepts, structure, and use of internal and external reporting for organizations.
5. Analyze, anticipate, and meet the information needs of decision makers.
6. Understand different costing systems and their application to both manufacturing and service organizations.
7. Comprehend and develop systems to identify, gather, measure, summarize, and analyze financial and non-financial data in organizations.
8. Understand and apply the concepts, methods, and processes of accounting and administrative control.
9. Understand the nature of attest services.
10. Understand and apply the principles of taxation to financial and managerial decisions.

Suggested Four-Year Curriculum for Accounting**Freshman Year****First Semester (15 hrs.)**

ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
TECH 2323	Introduction to Computer Applications
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]

Life and Physical Science (3 hrs.)

Second Semester (15 hrs.)

HIST 1302	United States History II [TCCN: HIST 1302]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
MANA 1300	Introduction to Business [TCCN: BUSI 1301]

Life and Physical Science (3 hrs.)

Sophomore Year**First Semester (15 hrs.)**

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
MATH 1342	Statistics [TCCN: MATH 1342]
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]

Language, Philosophy and Culture (3 hrs.)

Second Semester (15 hrs.)

POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
MANA 3311	Fundamentals of Management
ENGL 1302	College Composition II [TCCN: ENGL 1302]

Junior Year**First Semester (15 hrs.)**

ACCT 3311	Intermediate Accounting I
ACCT 3325	Income Tax I
MARK 3311	Principles of Marketing
BLAW 3301	Business Law and Social Responsibility
MANA 3170	How to Get a Job

Elective (2 hrs.)

Second Semester (15 hrs.)

ACCT 3312	Intermediate Accounting II
ACCT 3315	Cost Accounting
FINA 3311	Principles of Finance
MANA 3370	Business Writing and Oral Presentations

Upper-level CBT Elective (3 hrs.)

Senior Year**First Semester (15 hrs.)**

MANA 3305	Operations Management
BLAW 4340	Business and Professional Ethics

Upper-level CBT electives (6 hrs.)

Upper-level elective (3 hrs.)

Second Semester (15 hrs.)

ACCT 4380	Auditing
ACCT 4391	Accounting Information Systems
MANA 4395	Strategic Management

Upper-level electives (3 hrs.)

Creative Arts (3 hrs.)

Note: Total hours must equal at least 120

Accounting Major

These six (6) courses are required of all accounting majors:

Degree Requirements**Required Courses**

ACCT 3311	Intermediate Accounting I
ACCT 3312	Intermediate Accounting II
ACCT 3315	Cost Accounting
ACCT 3325	Income Tax I

ACCT 4380	Auditing
BLAW 4340	Business and Professional Ethics

Students who wish to sit for the Uniform CPA Exam must complete 150 semester hours of higher education credits and meet accounting content, communication and research requirements. A student may satisfy these requirements by enrolling in the Master of Accounting (MAC) program. All accounting students should discuss this option with their advisor early in their accounting studies.

Finance**Bachelor of Business Administration in Finance****Total Semester Credit Hours = 120**

Professional opportunities in the field of finance can lead to careers in financial services such as banking officers, investment portfolio managers, corporate treasurers, and financial planners. Finance professionals are in high demand by corporations, nonprofit organizations and government agencies at all levels. The corporate finance career path can lead to very responsible positions, including vice president for finance or president of the firm. A finance major is excellent preparation for graduate school in business (e.g. MBA) and law school.

Objectives

Students completing the finance major should be able to:

1. Understand the organizational environment and related agency issues within which financial managers operate.
2. Analyze financial statement data for an enterprise to assess liquidity, asset utilization, debt management, profitability, and rewards of ownership.
3. Estimate fund requirements for an enterprise.
4. Recognize the structure and functioning of financial markets.
5. Differentiate between the risks, costs, and availability of various methods used to acquire short-term and long-term funds.
6. Understand the critical variables determining the cost of capital.
7. Measure the risk and return associated with various asset alternatives, and choose between competing investment options.
8. Incorporate quantitative decision skills and the use of the computer in solving financial problems.
9. Recognize major evolving issues in finance.

Suggested Four-Year Curriculum for Finance**Freshman Year****First Semester (15 hrs.)**

ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]
TECH 2323	Introduction to Computer Applications
Life and Physical Science (3 hrs.)	

Second Semester (15 hrs.)

HIST 1302	United States History II [TCCN: HIST 1302]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]

MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
MANA 1300	Introduction to Business [TCCN: BUSI 1301]

Life and Physical Science (3 hrs.)

Sophomore Year

First Semester (15 hrs.)

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
MATH 1342	Statistics [TCCN: MATH 1342]

Language, Philosophy and Culture (3 hrs.)

Second Semester (15 hrs.)

POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]
MANA 3311	Fundamentals of Management
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
ENGL 1302	College Composition II [TCCN: ENGL 1302]

Junior Year

First Semester (15 hrs.)

FINA 3311	Principles of Finance
MANA 3370	Business Writing and Oral Presentations
MANA 3330	Management Information Systems
FINA 3330	Investments

Upper-level CBT Elective (3 hrs.)

Second Semester (15 hrs.)

FINA 4340	Managerial Finance
MANA 3305	Operations Management
MARK 3311	Principles of Marketing
MANA 3170	How to Get a Job

Upper-level CBT Elective (3 hrs.)

Elective (2 hrs.)

Senior Year

First Semester (15 hrs.)

FINA 4310	Management of Financial Institutions
BLAW 3301	Business Law and Social Responsibility
FINA 4345, ACCT 3311, ACCT 3325 OR MARK 4350 (3 hrs.)	

Upper-level CBT Elective (3 hrs.)

Upper-level Elective (3 hrs.)

Second Semester (15 hrs.)

MANA 4395	Strategic Management
FINA 4330	Security Analysis and Portfolio Management
FINA 4350	International Finance

Upper-level Elective (3 hrs.)

Creative Arts (3 hrs.)

Note: Total hours must equal at least 120

Finance Major

Degree Requirements

Required Courses (18 hours)

FINA 3330	Investments
FINA 4310	Management of Financial Institutions

FINA 4330	Security Analysis and Portfolio Management
FINA 4340	Managerial Finance
FINA 4350	International Finance
FINA 4390	Case Studies in Finance

Finance Minor

A minor in Finance is unavailable to students who are pursuing a major in Finance. The student must complete a minimum of 9 hours of prerequisite coursework and 15 hours of upper division courses as outlined below. In addition, students must meet the prerequisites listed of any class they wish to enroll in.

Degree Requirements

Prerequisite coursework (9 hrs.)

MATH 1342	Statistics [TCCN: MATH 1342]
ECON 1301	Introduction to Economics [TCCN: ECON 1301]
or	
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]

(or equivalent for ACCT 2301)

Upper Division Courses (15 hours): Upper division courses for the Finance minor include 12 hours of required courses and a minimum of 3 hours of an elective course as described below.

Required Courses (12 hrs.)

FINA 3311	Principles of Finance
FINA 3315	Personal Finance
FINA 3330	Investments
FINA 4310	Management of Financial Institutions

Minimum of one elective course (3 hrs.) chosen from the following list

FINA 4330	Security Analysis and Portfolio Management
FINA 4340	Managerial Finance
FINA 4345	Financial Services Operations
FINA 4350	International Finance
FINA 4365	Regional Financial Analysis
FINA 4370	Special Topics in Finance
FINA 4380	Seminar in Contemporary Finance
FINA 4390	Case Studies in Finance
FINA 4395	Undergraduate Internship
FINA 4199-4699	Independent Study

Management

Bachelor of Business Administration in Management

Total Semester Credit Hours = 120

The Management program prepares students for positions as managers and future executives in business and other organizations. Professional opportunities in management often begin as a "management trainee" in large companies or as an assistant manager in other businesses. Persons with careers in management are found in entrepreneurial, private, public, and not-for-profit organizations. Typical career paths lead

students to become upper-level corporate executives, corporate presidents, CEOs and successful entrepreneurs.

Objectives

Students completing the management major should be able to:

1. Understand the complexity of managing human dynamics in the organizational setting.
2. Recognize major managerial challenges such as the globalization of business, managing a cultural and ethnically diverse workplace, increasing interdependence among organizational units, intensifying competitive dynamics, and the escalating ethical responsibilities of managers.
3. Understand the organizational and environmental context in which human resource managers function.
4. Understand the organizational, labor, and legal environments in which managers function.
5. Incorporate quantitative decision making into solutions of business problems.
6. Understand factors that influence individual, group, and corporate behavior and use this knowledge to improve individual and firm performance.
7. Develop managerial skills in activities such as: teamwork, motivation, decision making, negotiation, conflict resolution, leadership, and strategic management.
8. Understand how strategic decisions are influenced by and also help to create competitive dynamics within and between industries.
9. Recognize and assess the impact of environmental factors in decision making, as well as develop conceptual skills.
10. Improve both written and oral communication skills.
11. Develop competency in the use of enterprise-wide and discipline specific applications to solve business problems and assist in strategic decision making.

Suggested Four-Year Curriculum for Management

Freshman Year

First Semester (15 hrs.)

ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
TECH 2323	Introduction to Computer Applications
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]

Life and Physical Science (3 hrs.)

Second Semester (15 hrs.)

HIST 1302	United States History II [TCCN: HIST 1302]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
MANA 1300	Introduction to Business [TCCN: BUSI 1301]

Life and Physical Science (3 hrs.)

Sophomore Year

First Semester (15 hrs.)

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
MATH 1342	Statistics [TCCN: MATH 1342]

Language, Philosophy and Culture (3 hrs.)

Second Semester (15 hrs.)

POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
MANA 3311	Fundamentals of Management
ENGL 1302	College Composition II [TCCN: ENGL 1302]

Junior Year

First Semester (15 hrs.)

BLAW 3301	Business Law and Social Responsibility
MANA 3370	Business Writing and Oral Presentations
MANA 3330	Management Information Systems
MANA 3320	Human Resource Management
MARK 3311	Principles of Marketing

Second Semester (15 hrs.)

FINA 3311	Principles of Finance
MANA 4310	International Management

Upper-level CBT Electives (6 hrs.)

Upper-level Management Elective (3 hrs.)

Senior Year

First Semester (15 hrs.)

MANA 4315	Managerial Decision Making
MANA 3305	Operations Management
MANA 3170	How to Get a Job

Upper-level CBT Elective (3 hrs.)

Upper-level Management Elective (3 hrs.)

Elective (2 hrs.)

Second Semester (13 hrs.)

MANA 4395	Strategic Management
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Upper-level Electives (6 hrs.)

Upper-level Management Elective (3 hrs.)

Creative Arts (3 hrs.)

Note: Total hours must equal at least 120

Management Major

Degree Requirements

Required Courses (9 hours)

MANA 3320	Human Resource Management
MANA 4310	International Management
MANA 4315	Managerial Decision Making

In addition, students are required to take a minimum of nine (9) hours of Upper-division Management (MANA) courses for a total of 18 hours in the major. Students are encouraged to consider specializing in a specific management focus and take additional Management Electives as articulated below.

Students who wish to focus on Human Resource Management should enroll in the following courses that count as Management and other upper-division CBT electives:

MANA 4325	Compensation Administration
MANA 4335	Labor Relations
TECH 4320	Job Analysis and Design
TECH 4330	Occupational Safety and Health

Students who wish to focus on E-Commerce should enroll in the following courses that count as Management and other upper-division electives:

MANA 4345	E-Commerce
MANA 4350	Database Information Systems
MARK 3325	Retailing in the 21st Century
MARK 3350	Consumer Behavior

Students who wish to focus on Entrepreneurship should enroll in the following courses that count as Management and other upper-division electives:

MANA 3325	Entrepreneurship
MANA 4320	New Venture Planning
MANA 4345	E-Commerce
MARK 3325	Retailing in the 21st Century
	or
MARK 4300	Services Marketing

Management Minor

A minor in Management is not available to students who are pursuing a major in Management. The student must complete up to twelve (12) semester hours of prerequisite coursework and 18 upper-division semester hours from the Department of Management and Marketing as outlined below and must meet any prerequisites listed:

Degree Requirements

Prerequisite Coursework (9-12 hours):

MATH 1342	Statistics [TCCN: MATH 1342]
TECH 2323	Introduction to Computer Applications

(or equivalent courses)

3-6 hours from:

ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
	and
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]

Upper Division (18 hours)

MANA 3311	Fundamentals of Management
MANA 4315	Managerial Decision Making
MANA 3320	Human Resource Management
MANA 4310	International Management
	6 hours MANA electives

6 hours MANA Elective: Courses applying in the Business Core will not satisfy these requirements for students pursuing a BBA.

Entrepreneurship Minor

The student must complete up to nine (9) semester hours of prerequisite coursework and 18 upper-division semester hours from the Department of Management and Marketing as outlined below and must meet any prerequisites listed:

Degree Requirements

Prerequisite Coursework (3-6 hours)

ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs

ACCT 2301	or Principles of Financial Accounting [TCCN: ACCT 2301]
	and
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]

Upper Division (21 hours)

FINA 3315	Personal Finance
	15 hours from:
MANA 3311	Fundamentals of Management
MANA 4345	E-Commerce
MANA 3325	Entrepreneurship
MANA 4320	New Venture Planning
MARK 3311	Principles of Marketing

3 hours from:

MARK 3325	Retailing in the 21st Century
MARK 3350	Consumer Behavior

MANA 4320: Students pursuing a BBA may only apply 3 hours of the Minor in Entrepreneurship towards their Business Core or Major requirements. Remaining 15 hours will be specified by the Department of Management and Marketing.

Marketing

Bachelor of Business Administration in Marketing

Total Semester Credit Hours = 120

Professional opportunities in marketing are marketing specialists and directors, sales professionals, advertising specialists, advertising directors and research professionals. For students who want a general perspective of marketing, the curriculum provides a broad range of marketing subjects. The marketing curriculum, whether approached from a general or specialized perspective provides the conceptual, quantitative, and analytic skills that are necessary for students to function in a dynamic business environment.

Objectives

The following are specific educational objectives for Marketing majors:

1. Acquire a practical understanding of the marketing planning process and be able to develop a complete marketing plan.
2. Learn to develop and execute a formal marketing presentation, including problem definition, formulation of alternatives, and the selection and defense of specific action recommendations.
3. Become familiar with fundamental marketing concepts and learn to apply analytical skills and innovative thinking in a variety of marketing contexts, including commercial, industrial, service, and non-profit sectors.
4. Acquire strategic insights useful in the practical segmentation of markets and the effective manipulation of the marketing mix.
5. Acquire a detailed understanding of the customs, traditions, and decision making processes that direct the consumption behavior of the modern American consumer.
6. Learn to identify and differentiate the effects of cultural and sub-cultural factors on consumption behavior and the implications for marketing strategy.
7. Become familiar with quantitative and qualitative techniques to gather and analyze information in order to help marketing managers reduce uncertainty in managerial decision-making.

Suggested Four-Year Curriculum for Marketing

Freshman Year**First Semester (15 hrs.)**

ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
TECH 2323	Introduction to Computer Applications
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]

Life and Physical Science (3 hrs.)

Second Semester (15 hrs.)

HIST 1302	United States History II [TCCN: HIST 1302]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
MANA 1300	Introduction to Business [TCCN: BUSI 1301]

Life and Physical Sciences (3 hrs.)

Sophomore Year**First Semester (15 hrs.)**

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
MATH 1342	Statistics [TCCN: MATH 1342]

Language, Philosophy and Culture (3 hrs.)

Second Semester (15 hrs.)

POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
MARK 3311	Principles of Marketing
ENGL 1302	College Composition II [TCCN: ENGL 1302]

Junior Year**First Semester (15 hrs.)**

BLAW 3301	Business Law and Social Responsibility
MANA 3370	Business Writing and Oral Presentations
MANA 3311	Fundamentals of Management
MANA 3330	Management Information Systems

Upper-level CBT Elective (3 hrs.)

Second Semester (15 hrs.)

MARK 4350	Personal Selling
MARK 3325	Retailing in the 21st Century
FINA 3311	Principles of Finance
MARK 3350	Consumer Behavior
MANA 3170	How to Get a Job

Elective (2 hrs.)

Senior Year**First Semester (15 hrs.)**

MARK 4360	International Marketing
MANA 3305	Operations Management
MARK 4380	Marketing Research

Upper-level CBT Electives (6 hrs.)

Second Semester (15 hrs.)

MANA 4395	Strategic Management
MARK 4300	Services Marketing

Upper-level electives (6 hrs.)

Creative Arts (3 hrs.)

Note: Total hours must equal at least 120

Marketing Major

Degree Requirements

Required Courses (18 hours)

MARK 3325	Retailing in the 21st Century
MARK 3350	Consumer Behavior
MARK 4300	Services Marketing
MARK 4350	Personal Selling
MARK 4380	Marketing Research
MARK 4360	International Marketing

Marketing Minor

A minor in Marketing is not available to students who are pursuing a BBA in Marketing. The student must complete up to twelve (12) semester hours of prerequisite coursework and eighteen (18) upper-division semester hours from the Department of Management and Marketing courses as outlined below, and must meet any prerequisites listed.

Degree Requirements

Prerequisite Coursework (6-9 hours)

MATH 1342	Statistics [TCCN: MATH 1342]
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3-6 hours from:

ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
	and
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]

Upper Division (18 hours)

FINA 3315	Personal Finance
MARK 3311	Principles of Marketing
MARK 3325	Retailing in the 21st Century
MARK 3350	Consumer Behavior
MARK 4380	Marketing Research
	Upper-division MARK Elective

Department of Human Resource Development

The Department of Human Resource Development prepares professionals for careers in business, industry, education, and government by offering the following degrees:

- Bachelor of Science in Human Resource Development
- Master of Science in Human Resource Development

Ph.D. in Human Resource Development

Core Competencies

The University of Texas at Tyler has determined that to be an educated person, a student needs certain intellectual skills in order to participate effectively in society and in the workplace. The faculty of the Department of Human Resource Development has identified seven skill sets, or core competencies, that fulfill the university's definition of an educated person and simultaneously contribute to the core values of the College of Business and Technology. These core competencies include:

1. Computer software, database, and internet search skills,
2. Oral and written communication skills
3. Team-based skills including leadership and conflict resolution abilities,
4. Critical thinking,
5. Ethical Issues in decision making and behavior,
6. Personal accountability for achievement,
7. Competence in basic technology principles.

Human Resource Development B.S.

Total Semester Credit Hours = 120

Objectives

Human Resource Development (HRD) is a process for developing and unleashing human expertise through organization development and personnel training and development for the purpose of improving performance. Careers in this field are available in business, nonprofit, educational, and governmental settings. The HRD program provides students the opportunity to combine study and related experiences to develop, apply, analyze, synthesize, and evaluate knowledge of the purposes, practices, issues, and problems of work and community education. Students also have the opportunity to learn how to design, deliver, and evaluate effective training and development programs.

Degree Requirements

A minimum of 120 semester credit hours for the Bachelor of Science degree.

University Core Curriculum (42 hrs.)

Field of Study and Lower Division Electives (26 hrs.)

ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
	and
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
MANA 1300	Introduction to Business [TCCN: BUSI 1301]
TECH 2323	Introduction to Computer Applications
TECH 2330	Information Technology and Communications

Electives (14 hrs.)

Departmental Core Curriculum (16 hrs.)

HRD 3333	Human Relations
	or

MANA 3311	Fundamentals of Management
TECH 4301	Supervision
TECH 3310	Total Quality Management
TECH 4320	Job Analysis and Design
TECH 4372	Capstone Experience
TECH 4173	E-Portfolio

Upper-Division Major (27 hrs.)

HRD 3306	Team Building
HRD 3301	Introduction to HRD and Performance Management Systems
BLAW 4340	Business and Professional Ethics
MANA 4325	Compensation Administration
HRD 3312	Training, Selection and Recruiting
HRD 3342	Career Development and Human Resource Planning
MANA 4335	Labor Relations
HRD 4331	Workforce and Organizational Development
MANA 3320	Human Resource Management

Minor in Business Administration (9 hrs.)

FINA 3315	Personal Finance
MARK 3311	Principles of Marketing

One of the following:

MANA 3305	Operations Management
MANA 3330	Management Information Systems
TECH 3355	Supply Chain Management

A minimum grade-point average of 2.0 in upper-division courses in HRD and Technology.

No grade below a "C" in the major will be accepted toward degree.

Two additional lower-or upper-level hours should be selected from the CBT approved list.

Suggested Four-Year Curriculum Human Resource Development

Freshman Year

First Semester (15 hrs.)

ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
TECH 2323	Introduction to Computer Applications
POLS 2305	Introductory American Government [TCCN: GOVT 2305]
MANA 1300	Introduction to Business [TCCN: BUSI 1301]

Second Semester (15 hrs.)

MATH 1342	Statistics [TCCN: MATH 1342]
HIST 1302	United States History II [TCCN: HIST 1302]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]

Creative Arts (3 hrs.)

Life and Physical Sciences (3 hrs.)

Sophomore Year

First Semester (15 hrs.)

TECH 2330	Information Technology and Communications
ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs

ACCT 2301	or Principles of Financial Accounting [TCCN: ACCT 2301]
ACCT 2302	and Principles of Managerial Accounting [TCCN: ACCT 2302]

Life and Physical Sciences (3 hrs.)

Language, Philosophy and Culture (3 hrs.)

Social and Behavioral Science (3 hrs.)

Second Semester (15 hrs.)

POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
HRD 3333	Human Relations or
MANA 3311	Fundamentals of Management
HRD 3301	Introduction to HRD and Performance Management Systems

STEM (3 hrs. - see University Core for approved courses)

Human Expression (3 hrs.)

Junior Year

First Semester (15 hrs.)

TECH 3310	Total Quality Management
HRD 3312	Training, Selection and Recruiting
HRD 3306	Team Building
MANA 4325	Compensation Administration

Elective (3 hrs.)

Second Semester (15 hrs.)

TECH 4320	Job Analysis and Design
TECH 4301	Supervision
MANA 3320	Human Resource Management
BLAW 4340	Business and Professional Ethics
MARK 3311	Principles of Marketing

Senior Year

First Semester (15 hrs.)

HRD 4331	Workforce and Organizational Development
HRD 3342	Career Development and Human Resource Planning
FINA 3315	Personal Finance

Electives (6 hrs.)

Second Semester (15 hrs.)

MANA 4335	Labor Relations
TECH 4173	E-Portfolio
TECH 4372	Capstone Experience
MANA 3305	Operations Management or
MANA 3330	Management Information Systems or
TECH 3355	Supply Chain Management

Electives (5 hrs.)

Human Resource Development Minor

Degree Requirements

The student must complete 18 upper-division semester hours as follows:

HRD 3301	Introduction to HRD and Performance Management Systems
HRD 3312	Training, Selection and Recruiting
HRD 3333	Human Relations or
MANA 3311	Fundamentals of Management

TECH 4320	Job Analysis and Design
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Two courses (6 semester hours) from the following:

HRD 3342	Career Development and Human Resource Planning
MANA 4325	Compensation Administration
MANA 4335	Labor Relations
TECH 4301	Supervision

School of Technology

The School of Technology prepares students to become leaders and innovators in Information Technology and Industrial Technology within industry, business, education, and government and consists of the Department of Computer Science and the Department of Technology.

Department of Computer Science

The Department of Computer Science offers the Bachelor of Science in Computer Science and Bachelor of Science in Computer Information Systems, supports secondary teacher certification in computer science, and is authorized to award CNSS 4011 and CNSS 4012 computer security certifications.

The degree programs prepare students for work in a wide variety of computing environments. Both the Bachelor of Science in Computer Science and Bachelor of Science in Computer Information Systems curricula incorporate exposure to specific computer science content, the design and implementation of reliable and secure computer systems, computer programming, development of logical reasoning, utilization of problem-solving, and encouragement of the creative process via design projects and independent research.

Mission Statement

The mission of the computer science programs is to provide students with a strong foundation in the theory and practice of computer science, in order to become leaders and innovators in computing technologies and to produce graduates that will be successful professionals, be committed to lifelong learning, and make positive contributions to society.

Computer Information Systems B.S.

Program Educational Objectives

Educational objectives of the computer information systems program are the knowledge, skills, and experiences that enable graduates to:

1. investigate and analyze business problems, providing reliable and secure computerized solutions;
2. grow professionally through activities such as graduate study, continuing education, professional certifications, and participation in professional organizations;
3. think critically and creatively, communicate clearly, work effectively with others, and develop leadership skills;
4. demonstrate an understanding of social and ethical issues in the computer profession; and
5. understand the organizational impact of computer-based information systems.

Student Outcomes

Computer Information Systems students at the time of graduation are expected to attain:

1. an ability to apply knowledge of computing and mathematics appropriate to the discipline;
2. an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution;
3. an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs;
4. an ability to function effectively on teams to accomplish a common goal;
5. an understanding of professional, ethical, legal, security and social issues and responsibilities;
6. an ability to communicate effectively with a range of audiences;
7. an ability to analyze the local and global impact of computing on individuals, organizations, and society;
8. a recognition of the need for an ability to engage in continuing professional development;
9. an ability to use current techniques, skills, and tools necessary for computing practice; and
10. an understanding of processes that support the delivery and management of information systems within a specific application environment.

Graduation Requirements

Upon a student's admission to the Computer Information Systems major, they will be assigned an academic advisor to work with the student in planning a program to complete the degree requirements. Students are encouraged to meet with their academic advisor throughout the semester and are required to meet with their advisor prior to registering for the next semester.

Before enrolling in upper-division (junior and senior level) courses, students must have earned a grade of "C" or better in each of the following:

Programming Fundamentals	3 or 4 semester hours
Object-Oriented Programming	3 or 4 semester hours
Advanced Microsoft Office	3 semester hours
Introduction to Information Systems with Visual BASIC	3 semester hours
Computer Organization	3 semester hours
Mathematics for Business and Economics I and II	6 semester hours
Principles of Accounting I and II	6 to 8 semester hours
University Physics/Chemistry/Biology I and II	8 semester hours

In addition, preparation should be started for upper-division work in supporting areas such as accounting, bioinformatics, criminal justice, management, and medical records database management.

Degree Requirements

To graduate with a degree in Computer Information Systems, the student must meet the following specific requirements in addition to the general baccalaureate degree requirements:

Upper-Division Courses

Twenty-nine semester hours of upper-division computer science, with at least 15 hours completed at UT Tyler.

Grade Requirement

Grade of "C" or better in all COSC courses and courses listed below.

Computer Science Courses (49 hours)

COSC 1310	Advanced Information Systems Software
COSC 1436	Programming Fundamentals
COSC 1437	The Object-Oriented Paradigm
COSC 2315	Computer Organization
COSC 2325	Foundations of Computer Information Systems
COSC 3215	Social and Professional Issues in Computing
COSC 3310	Internet and Web Applications
COSC 3365	Programming with Data, File and Object Structures
COSC 3375	Analysis and Logical Design
COSC 3385	Database Design
COSC 4309	Design of Modern Information Systems
COSC 4325	Data Communications and Computer Networks
COSC 4375	Information Systems Design Project

Six hours of approved upper-division COSC electives; and

Three semester hours in an approved technical elective.

Specified Support Courses

Twenty-four semester hours of specified support courses:

ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
MANA 3370	Business Writing and Oral Presentations
MANA 3311	Fundamentals of Management
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]
MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
MATH 1342	Statistics [TCCN: MATH 1342]
MATH 2330	Discrete Structures

Approved Electives

Nine hours of approved electives in supporting disciplines.

Six hours must be upper-division.

Bachelor of Science in Computer Information Systems Requirements

Total Semester Credit Hours=120

Freshman Year

First Semester (16 hrs.)

COSC 1310	Advanced Information Systems Software
COSC 1436	Programming Fundamentals
ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]

Second Semester (16 hrs.)

COSC 1437	The Object-Oriented Paradigm
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ENGL 1302	College Composition II [TCCN: ENGL 1302]
HIST 1302	United States History II [TCCN: HIST 1302]
MATH 1325	Mathematics for Business and Economics II [TCCN: MATH 1325]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]

Sophomore Year**First Semester (16 hrs.)**

ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
COSC 2325	Foundations of Computer Information Systems
MATH 2330	Discrete Structures
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
	or
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]

Physics/Chemistry/Biology I (3 hrs.)

Physics/Chemistry/Biology Lab I (1 hr.)

Second Semester (16 hrs.)

ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
COSC 2315	Computer Organization
MATH 1342	Statistics [TCCN: MATH 1342]
POLS 2305	Introductory American Government [TCCN: GOVT 2305]

Physics/Chemistry/Biology II (3 hrs.)

Physics/Chemistry/Biology Lab II (1 hr.)

Junior Year**First Semester (14 hrs.)**

COSC 3365	Programming with Data, File and Object Structures
COSC 3375	Analysis and Logical Design
COSC 3215	Social and Professional Issues in Computing
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Second Semester (15 hrs.)

COSC 3385	Database Design
MANA 3311	Fundamentals of Management
COSC 3310	Internet and Web Applications

Creative Arts Elective (3 hrs.)

Approved Upper-Division Elective (3 hrs.)

Senior Year**First Semester (15 hrs.)**

COSC 4309	Design of Modern Information Systems
COSC 4325	Data Communications and Computer Networks
MANA 3370	Business Writing and Oral Presentations

COSC Upper-Division Elective (3 hrs.)

Approved Upper-Division Elective (3 hrs.)

Second Semester (12 hrs.)

COSC 4375	Information Systems Design Project
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COSC Upper-Division Electives (6 hrs.)

Approved Upper-Division Elective (3 hrs.)

Computer Information Systems as a Minor

A student may choose Computer Information Systems as a minor to satisfy bachelor degree programs with majors in other fields. This program requires a total of 22 semester hours of Computer Information Systems.

Required Courses (22 hrs.)

COSC 1310	Advanced Information Systems Software
COSC 1436	Programming Fundamentals
COSC 2325	Foundations of Computer Information Systems
COSC 3310	Internet and Web Applications
COSC 3365	Programming with Data, File and Object Structures
COSC 3375	Analysis and Logical Design
COSC 3385	Database Design

Computer Science B.S.**Program Educational Objectives**

Educational objectives of the computer science program are the knowledge, skills and experiences that enable graduates to:

1. model, simulate, and solve computational problems using appropriate theoretical and experimental methods, producing reliable and secure systems;
2. think critically and creatively, communicate clearly, work effectively with others, and develop leadership skills;
3. integrate computational principles with social, business, and ethical issues in modern society in the process of decision making;
4. be professionally engaged in serving the needs of business, industry, government, and academic organizations; and
5. grow professionally through activities such as graduate study, continuing education, professional certifications, and participation in professional organizations.

Student Outcomes

Computer Science students at the time of graduation are expected to have:

1. an ability to apply knowledge of computing and mathematics appropriate to the discipline;
2. an ability to identify and analyze a problem, and identify and define the computing requirements appropriate to its solution;
3. an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs;
4. an ability to function effectively on teams to accomplish common goals;
5. an understanding of professional, ethical, legal, security and social issues and responsibilities;
6. an ability to communicate effectively with a range of audiences;
7. an ability to analyze the local and global impact of computing on individuals, organizations, and society;
8. recognition of the need for and an ability to engage in continuing professional development;
9. an ability to use current techniques, skills, and tools necessary for computing practice;
10. an ability to apply mathematics foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices; and
11. an ability to apply design and development principles in the construction of software systems of varying complexity.

Graduation Requirements

Upon a student's admission to the Computer Science major, a faculty member will serve as the student's academic advisor to work with the student in planning a program to complete the degree requirements. Students are encouraged to meet with their academic advisor throughout the semester and are required to meet with their advisor prior to registering for the next semester.

Before enrolling in upper-division (junior and senior level) courses, students must have earned a grade of "C" or better in each of the following:

Programming Fundamentals	3 or 4 semester hours
Object-Oriented Programming	3 or 4 semester hours
Data Structures and Algorithms	3 semester hours
Computer Organization	3 semester hours
Calculus I and II	6 to 8 semester hours
University Physics/Chem/Biol I and II	8 semester hours

Preparation should be started for upper-division work in supporting areas such as business, mathematics, engineering, or physical science.

Degree Requirements

To graduate with a degree in Computer Science, the student must meet the following specific requirements in addition to the general baccalaureate degree requirements:

Grade Point Average

A 2.0 grade point average in all upper-division computer science courses attempted and a grade of "C" or better in all courses listed in C. and D. below.

Upper-Division Courses

Thirty-three semester hours of upper-division computer science courses, with at least 18 hours completed at UT Tyler.

Computer Science Courses

- Forty-seven hours of computer science courses listed below;
- Six semester hours of approved upper-division COSC electives; and
- Three semester hours in an approved technical elective.

COSC 1436	Programming Fundamentals
COSC 1437	The Object-Oriented Paradigm
COSC 2315	Computer Organization
COSC 2336	Data Structures and Algorithms [TCCN: COSC 2336]
COSC 3215	Social and Professional Issues in Computing
COSC 3325	Algorithm Analysis and Foundations
COSC 3355	Operating Systems
COSC 3445	Computer Architecture
COSC 4315	Information and Knowledge Management
COSC 4336	Software Development
COSC 4360	Net-Centric Computing
COSC 4385	Database Management Concepts
COSC 4395	Capstone Project

Specified Support Courses

Thirty-four semester hours of specified support courses:

MATH 2413	Calculus I [TCCN: MATH 2413]
MATH 2414	Calculus II [TCCN: MATH 2414]
MATH 2330	Discrete Structures

MATH 3351	Probability and Statistics for Engineers and Scientists
MATH 3203	Matrix Methods in Science and Engineering
MANA 3370	Business Writing and Oral Presentations

One of the following sequence of science courses:

- PHYS 2325: University Physics I, PHYS 2125: University Physics I Lab, PHYS 2326: University Physics II, PHYS 2126: University Physics II Lab
- CHEM 1311: General Chemistry I, CHEM 1111: General Chemistry I Lab, CHEM 1312: General Chemistry II, CHEM 1112: General Chemistry II Lab
- BIOL 1306: General Biology I, BIOL 1106: General Biology I Lab, BIOL 1307: General Biology II, BIOL 1107: General Biology II Lab

Three-hour approved elective in science or mathematics.

Additional four-hour physical science and lab elective.

Approved Electives

Nine hours of approved electives in supporting disciplines. Six hours must be upper-division.

Bachelor of Science in Computer Science Requirements

Total Semester Credit Hours = 120

Freshman Year

First Semester (14 hrs.)

COSC 1436	Programming Fundamentals
HIST 1301	United States History I [TCCN: HIST 1301]
MATH 2413	Calculus I [TCCN: MATH 2413]
ENGL 1301	College Composition I [TCCN: ENGL 1301]

Second Semester (14 hrs.)

COSC 1437	The Object-Oriented Paradigm
MATH 2414	Calculus II [TCCN: MATH 2414]
ENGL 1302	College Composition II [TCCN: ENGL 1302]
MATH 2330	Discrete Structures

Sophomore Year

First Semester (15 hrs.)

COSC 2336	Data Structures and Algorithms [TCCN: COSC 2336]
MATH 3203	Matrix Methods in Science and Engineering
POLS 2305	Introductory American Government [TCCN: GOVT 2305]
HIST 1302	United States History II [TCCN: HIST 1302]

University Physics/Chemistry/Biology I (3 hrs.)

University Physics/Chemistry/Biology Lab (1 hr.)

Second Semester (16 hrs.)

COSC 2315	Computer Organization
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Language, Philosophy & Culture Core Elective (3 hrs.) (PHIL 2306 Introduction to Ethics Preferred)

University Physics/Chemistry/Biology II (3 hrs.)
 University Physics/Chemistry/Biology Lab II (1 hr.)

Junior Year

First Semester (15 hrs.)

COSC 3325	Algorithm Analysis and Foundations
COSC 3215	Social and Professional Issues in Computing
COSC 3445	Computer Architecture
MANA 3370	Business Writing and Oral Presentations
MATH 3351	Probability and Statistics for Engineers and Scientists

Second Semester (16 hrs.)

COSC 3355	Operating Systems
COSC 4315	Information and Knowledge Management
COSC 4385	Database Management Concepts

Social & Behavioral Sciences Core Elective (3 hrs.) (ECON 2301 or ECON 2302 Preferred)

Physical Science Elective III (3 hrs.)

Physical Science Elective III Lab (1 hr.)

Senior Year

First Semester (15 hrs.)

COSC 4360	Net-Centric Computing
COSC 4336	Software Development
COSC Upper-Division Elective (3 hrs.)	
Creative Arts Elective (3 hrs.)	
Approved Math/Science Elective (3 hrs.)	

Second Semester (15 hrs.)

COSC 4395	Capstone Project
Approved Upper-Division Electives (6 hrs.)	
COSC Upper-Division Electives (6 hrs.)	

Computer Science as a Minor

A student may choose Computer Science as a minor to satisfy bachelor degree programs with majors in other fields. This program requires a total of 20 semester hours of Computer Science.

Required Courses (20 hrs.)

COSC 1436	Programming Fundamentals
COSC 1437	The Object-Oriented Paradigm
COSC 2336	Data Structures and Algorithms [TCCN: COSC 2336]
COSC 2315	Computer Organization Six additional hours of upper-division COSC courses

Cooperative Computer Science Education Program

The Computer Science cooperative (co-op) program is offered as an educational enhancement to the Bachelor of Science degree in Computer Science and the Bachelor of Science degree in Computer Information Systems. To complete the computer science co-op program, a student works full-time in an approved computing or information technology environment for three semesters, before the student's senior year. Students may fulfill their three semester requirement by working during three 12 week summer semesters.

To participate in the computer science co-op program, a student must have completed at least one semester at UT Tyler with a cumulative GPA of at least 2.5 on all course work completed at UT Tyler; and the student must have completed COSC 1436 and COSC 1437 (or their equivalents) with a grade of "C" or better. Students must maintain a 2.5 GPA to continue their participation in the co-op program. The student, an assigned computer science faculty member, and an official representative of the host company will develop a written plan of activities that constitute the goals for each semester of the co-op. The student, in cooperation with an official representative of the host company, will provide periodic reports to the assigned computer science faculty member to demonstrate satisfactory progress toward the goals of the written plan. A summary report/performance evaluation of the work of the student at the end of the semester is also required.

During the student's co-op semesters he/she will be considered a full-time student at UT Tyler and will register for the appropriate one semester hour co-op course selected from COSC 3191, COSC 3192, or COSC 3193.

Students may apply to participate in the computer science co-op program by submitting a co-op application form to the chair of the department at least six weeks prior to the semester in which the student plans to start the co-op.

Teacher Certification

Candidates for secondary teaching certification (grades 8-12) should pursue a major in computer science and should consult with an advisor in the School of Education, College of Education and Psychology. In addition to the required professional education course sequence, requirements for secondary certification in computer science are outlined below:

A candidate for certification must:

- Complete a minimum of 12 upper-division semester hours of computer science at UT Tyler.
- Have a minimum grade point average of 2.0 in all upper-division computer science courses attempted and a grade of "C" or better in each of the computer science or math courses listed below.
 - Non-degreeed, non-certified students should complete requirements for the Bachelor of Science degree in Computer Science including: COSC 4340 Comparative Study of Programming Languages
 - Students who have already completed a baccalaureate degree, hold a secondary teaching certificate in another academic field, and/or seek a second teaching field should minimally complete the following courses or their equivalents:
 - COSC 1436: Programming Fundamentals
 - COSC 1437: The Object-Oriented Paradigm
 - COSC 2315: Computer Organization
 - COSC 2336: Data Structures and Algorithms [TCCN: COSC 2336]
 - COSC 3215: Social and Professional Issues in Computing
 - COSC 3325: Algorithm Design and Analysis
 - COSC 3445: Computer Architecture
 - COSC 4340: Comparative Study of Programming Languages
 - MATH 2330: Discrete Structures

CNSS Computer Security Certifications

The Department of Computer Science has been approved by the Committee on National Security Systems (CNSS) and the National Security Agency (NSA) as meeting the requirements of the CNSS 4011 and CNSS 4012 security standards. This accreditation confirms compliance with Federal Security Standards through the year 2014. Any UT Tyler student awarded these certificates will automatically meet federal employment requirements for the CNSS 4011 or 4012 certification. CNSS is a federal government entity under the U.S. Department of Defense that provides procedures and guidance for the protection of national security systems.

The CNSS 4011 standard consists of the fundamental security knowledge needed by an Information Systems Security professional. Students who successfully complete the following courses in their degree program will receive the CNSS 4011 certificate: COSC 2315, COSC 4360, COSC 4361, and COSC 4362.

The CNSS 4012 standard consists of the security knowledge needed by a Chief Information Officer (Senior Systems Manager) in authorizing systems certified as security by a security manager. Students who successfully complete the following courses in their degree program will receive the CNSS 4012 certificate: COSC 4360, COSC 4361, and COSC 4362.

Department of Technology

The Bachelor of Science in Industrial Technology is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE). ATMAE accreditation ensures that the institution has met a series of standards to provide industry, business, education, and government with highly competent employees and assures the graduate of an ATMAE-accredited program that they are receiving a marketable degree through relevant curricula by offering the following degrees:

Bachelor of Science in Industrial Technology

Master of Science in Industrial Management

Core Competencies

The University of Texas at Tyler has determined that to be an educated person, a student needs certain intellectual skills in order to participate effectively in society and in the workplace. The faculty of the Department of Technology has identified seven skill sets, or core competencies, that fulfill the university's definition of an educated person and simultaneously contribute to the core values of the College of Business and Technology. These core competencies include:

1. Computer software, database, and internet search skills,
2. Oral and written communication skills
3. Team-based skills including leadership and conflict resolution abilities,
4. Critical thinking,
5. Ethical Issues in decision making and behavior,
6. Personal accountability for achievement,
7. Competence in basic technology principles.

Industrial Technology Bachelor of Science

Total Semester Credit Hours=120

Industrial Technology is a field of study designed to prepare technical and/or technical management-oriented professionals for gainful employment in business, industry, education, or government. Graduates in Industrial Technology will be involved with the application of theories and concepts found in science, mathematics, and the humanities. A strong emphasis is placed on communication and the application of computer and technical skills.

Degree Requirements

Requirements for the Industrial Technology degree include the following:

University Core Curriculum (42 hrs.)

Professional Core Curriculum (10 hrs.)

TECH 3310	Total Quality Management
TECH 4301	Supervision
TECH 4372	Capstone Experience
TECH 4173	E-Portfolio

Technology Core Curriculum (36 hrs.)

TECH 1303	Engineering Graphics
TECH 1320	Industrial Materials
TECH 2311	Electrical and Fluid Systems
TECH 2319	Programmable Logic Controllers
TECH 2323	Introduction to Computer Applications
TECH 3311	Manufacturing Processes
TECH 3324	Plant Layout and Facilities Planning
TECH 3333	Polymer Processing
TECH 3344	Industrial Safety
TECH 4317	Computer Integrated Manufacturing
TECH 4323	Lean Production
TECH 4343	Advanced Manufacturing Processes

Required Business Administration Minor (18-21 hrs.)

MANA 3305	Operations Management
MANA 3311	Fundamentals of Management
MARK 3311	Principles of Marketing
ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs
	or
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
	and
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
FINA 3315	Personal Finance
TECH 3355	Supply Chain Management

Lower or Upper Level Electives (11-14 hrs.)

Suggested Four-Year Curriculum for Industrial Technology

Freshman Year

First Semester (15 hrs.)

ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
TECH 1320	Industrial Materials
	Creative Arts (3 hrs.)
	Life and Physical Sciences (3 hrs.)

Second Semester (15 hrs.)

SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
HIST 1302	United States History II [TCCN: HIST 1302]
TECH 2323	Introduction to Computer Applications
Human Expression (3 hrs.)	
Life and Physical Sciences (3 hrs.)	

Sophomore Year**First Semester (15 hrs.)**

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
MATH 1342	Statistics [TCCN: MATH 1342]
TECH 2311	Electrical and Fluid Systems

Language, Philosophy and Culture (3 hrs.)

Social and Behavioral Science (3 hrs.)

Economics recommended

ECON 1301	Introduction to Economics [TCCN: ECON 1301]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]

Second Semester (15 hrs.)

TECH 1303	Engineering Graphics
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
TECH 3311	Manufacturing Processes
MANA 3311	Fundamentals of Management

STEM (3 hrs. - see University Core for approved courses)

Junior Year**First Semester (15 hrs.)**

FINA 3315	Personal Finance
ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
or	
FINA 3300	Accounting and Finance for Small Business and Entrepreneurs
or	
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
and	
ACCT 2302	Principles of Managerial Accounting [TCCN: ACCT 2302]
TECH 3333	Polymer Processing
TECH 3355	Supply Chain Management

Elective (3 hrs.)

Second Semester (15 hrs.)

TECH 3324	Plant Layout and Facilities Planning
TECH 3344	Industrial Safety
MARK 3311	Principles of Marketing
TECH 3310	Total Quality Management

Upper-level CBT Elective (3 hrs.)

Senior Year**First Semester (15 hrs.)**

MANA 3305	Operations Management
or	
MANA 3330	Management Information Systems
TECH 4301	Supervision
TECH 4317	Computer Integrated Manufacturing

Electives (6 hrs.)

Second Semester (15 hrs.)

TECH 4323	Lean Production
TECH 4343	Advanced Manufacturing Processes
TECH 4372	Capstone Experience
TECH 4173	E-Portfolio

Electives (5 hrs.)

Manufacturing Management Minor

A minor in Manufacturing Management is not available to students pursuing a Bachelor of Science in Industrial Technology.

Degree Requirements**The student must complete the following 21 upper-division hours:**

MANA 3311	Fundamentals of Management
MANA 3305	Operations Management
TECH 3310	Total Quality Management
TECH 3311	Manufacturing Processes
TECH 3355	Supply Chain Management
TECH 4323	Lean Production
TECH 4343	Advanced Manufacturing Processes

Industrial Technology Minor**Degree Requirements****The student must complete the following courses to earn a Minor in Industrial Technology:**

MANA 3305	Operations Management
TECH 3311	Manufacturing Processes
TECH 3333	Polymer Processing
TECH 4317	Computer Integrated Manufacturing
TECH 4323	Lean Production
TECH 4343	Advanced Manufacturing Processes

Surveying and Mapping Emphasis

The Surveying and Mapping emphasis is for industrial technology majors who want to become Registered Professional Land Surveyors (RPLS). A four year degree with an emphasis in surveying allows student to take the state RPLS exam without two years of experience under an RPLS. The surveying and mapping program is an articulated program with Tyler Junior College (TJC). A block of 30-41 hours' worth of surveying and mapping course work is transferred from TJC for the Program Core Curriculum.

Requirements

Requirements for the B.S. in Industrial Technology with an emphasis in Surveying & Mapping degree include the following:
(See the Industrial Technology requirements section of the catalog and consult an advisor for complete program information)

Program Core Curriculum transferred from Tyler Junior College (30-41 hrs.)

SRVY 1301:	Introduction to Surveying
SRVY 1309:	Surveying Measurement Practice
SRVY 1315:	Surveying Calculations I
SRVY 1335:	Land Surveying Applications
SRVY 1341:	Land Surveying
SRVY 2305:	GIS Applications
SRVY 2309:	Computer-Aided Mapping

SRVY 2331: Geodetic Surveying and Mapping
SRVY 2335: Geodetic Applications
SRVY 2339: Engineering Design Surveying
SRVY 2341: Engineering Design Surveying Lab
SRVY 2343: Surveying – Legal Principles I
SRVY 2344: Surveying – Legal Principles II
Lower Level Electives (9 hrs.)

Upper Level Surveying Coursework (12 hrs.)

TECH 3341: Public Domain – Texas
TECH 3342: Applications of Photogrammetry
TECH 3343: Advanced Technologies for Surveyors
TECH 4341: Legal Principles in Surveying & Mapping
TECH 4342: Applied Geodesy

COLLEGE OF EDUCATION AND PSYCHOLOGY

Dr. Wes Hickey, Interim Dean

Mission

The mission of the College of Education and Psychology is to provide a positive environment that fosters the acquisition of knowledge and skills. The mission is individually and collectively realized through a community of scholars that contributes to knowledge through scholarly inquiry; organizes knowledge for application, understanding and communication; and provides leadership and service. Additionally, the College is committed to affirming and promoting global perspectives, cultural diversity, and respect for individual differences as a means of enhancing learning, service, and scholarship.

Goals

- Provide students with an outstanding academic preparation through the University Core Curriculum and their academic major.
- Prepare graduates for careers in the professional fields of elementary, middle, and secondary school teaching.
- Prepare graduates for professional careers in psychology and related fields.
- Prepare graduates with strong academic and professional foundations for further graduate and professional study.
- Provide graduates a total academic experience that enhances their lives and positively impacts humankind.

The College of Education and Psychology is composed of the School of Education, Department of Psychology and Counseling, Department of Educational Leadership and Policy Studies and the Ingenuity Center. The college offers courses and experiences that fulfill requirements for baccalaureate degrees and teaching certificates in a variety of disciplines

The School of Education coordinates a Bachelor of Science degree program with a major in Interdisciplinary Studies that fulfills academic requirements for teacher certification in early childhood through grade 6 and grades 4-8. The School of Education also offers coursework leading to secondary and all-level teacher certification.

The Department of Psychology and Counseling offers a Bachelor of Arts degree and a Bachelor of Science degree with a major in psychology.

The Department of Educational Leadership offers masters degrees and certification for principal and superintendent. Information regarding these degrees and certifications may be found in the graduate section of this catalog.

The Ingenuity Center is a component of the Texas Science, Technology, Engineering and Mathematics Initiative designed to build on national, state and local efforts to improve science, technology, engineering, and mathematics achievement among Texas students. The Ingenuity Center focuses on increasing the number of students who study and enter science, technology, engineering, and math career pipeline by providing programs to teachers and students.

Graduate degree programs in clinical psychology, clinical mental health counseling, curriculum and instruction, educational leadership, reading, school counseling, and special education are described in the graduate section of this catalog. Information on post-baccalaureate certification programs and supplement certificates is also provided in the graduate section. Inquiries should be directed to the College of Education and Psychology or The Graduate School.

School of Education

Dr. Colleen Swain, Director

Programs described in this section lead to teacher certification in accordance with the standards of the State Board for Educator Certification and guiding principles of the Council for the Accreditation of Educator Preparation (CAEP). Professional Educator Programs are guided by acts of the Texas Legislature, policies of the State Board for Educator Certification, policies of the Educator Certification and Standards Division of the Texas Education Agency (TEA), and policies of the Texas Higher Education Coordinating Board and are subject to change. Please consult an advisor in the School of Education advising office to ascertain the latest policies and programs.

Through course work in the School of Education, students may obtain the Bachelor of Science degree with a major in Interdisciplinary Studies. All educator preparation programs offered through the School of Education reflect a commitment to collaboration with TEA-accredited schools in the region. Programs are designed to provide a mediated induction to the teaching profession through clinical experiences in local public school settings.

The School of Education also offers master's level degrees designed for teachers of all levels wanting to update their instructional skills or seeking additional certification. (See the graduate section of this catalog for information concerning the master's degrees in Curriculum and Instruction, Reading, and Special Education.)

The goals of the School of Education at The University of Texas at Tyler are consistent with the Interstate New Teacher Assessment and Support Consortium (InTASC) principles to provide every preservice teacher with the opportunity to demonstrate evidence of his or her growth in the following areas:

1. **Learner Development:** The teacher candidate understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.
2. **Learner Differences:** The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

3. **Learning Environment:** The teacher works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self motivation.
4. **Content Knowledge:** The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make these aspects of the discipline accessible and meaningful for learners to assure mastery of the content.
5. **Application of Content:** The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
6. **Assessment:** The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
7. **Planning for Instruction:** The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
8. **Instructional Strategies:** The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.
9. **Professional Learning and Ethical Practice:** The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.
10. **Leadership and Collaboration:** The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.
11. **Technology:** The teacher is able to create, implement, and evaluate technology to enhance teaching, student learning, and other obligations (e.g. reports, grades, tests, etc.) required of teachers.

Bachelor of Science in Interdisciplinary Studies (BSIS)

The Bachelor of Science in Interdisciplinary Studies degree is designed for students who are interested in teaching Early Childhood through grade 6 (EC-6) or grades 4 through grade 8 (4-8). Completion of the BSIS requirements outlined below for the BSIS degree leading to EC6/ESL/Special Education Certification will simultaneously prepare teacher candidates for the English As a Second Language (ESL) Supplement and Special Education (K-12) certification exams. For a suggested course of study please see a School of Education advisor. Degree requirements are as follows:

Admission Requirements for All Certification Areas

1. Attend School of Education Admission Orientation
2. Application for a degree plan filed with the appropriate academic department (for secondary and all-level certification students) or with the School of Education (BSIS majors). Post-baccalaureate students must have a post-baccalaureate certification plan;
3. Payment of the administrative fee as indicated on a receipt from the cashier's office;

4. Completion of a minimum of 48 semester credit hrs. on the degree plan with a minimum cumulative 2.75 grade point average. Candidates desiring to teach in grades EC-6 must have completed 12 hours in their major. Candidates desiring to teach in grades 7 – 12 must have completed 15 hours in their major.
5. Complete an admission application.
6. Conduct a successful admission interview.
7. Print, sign, and submit the Handbook Agreement and FERPA forms.

Degree Requirements

1. Completion of all course requirements leading to the BSIS degree with a "C" or better and a final cumulative GPA of at least 2.5.
2. Completion of the University's 42-hour Core Curriculum requirements.
3. Completion of curriculum appropriate for grade level.

Admission to Student Teaching/Apprentice Teaching

An application for admission to student teaching must be submitted to the School of Education early in the semester preceding the one in which the student plans to enroll in student teaching/apprentice teaching. The application will be approved if the student has completed the prerequisite courses for student teaching with a cumulative 2.5 grade point average and no grade lower than a "C".

Initial Teacher Certification

Individuals desiring to teach in accredited public and private schools in Texas must be certified through the Educator Certification and Standards Division of the Texas Education Agency (TEA). Students seeking a teaching certificate concurrently with a bachelor's degree should contact the Advising Center in the School of Education for advisement. In order to be eligible for a recommendation for teacher certification, candidates must pass required TExES examinations, complete the requirements for the BSIS degree or the approved degree plan for a 7-12 or Early Childhood-Grade 12 content specialization with an overall cumulative GPA of at least 2.5 with no grade lower than a C.

NOTE: The Division of Certification and Standards of the Texas Education Agency (TEA) in conjunction with the State Board for Educator Certification (SBEC) regulates the certification of educators to teach public school children. Working with the Texas Department of Public Safety (DPS) and the FBI, the Division of Educator Certification and Standards conducts a state and national criminal history background check on all applicants for educator certification, ensuring each candidate's suitability to teach children. Each student applying for certification must be fingerprinted by an authorized agency. TEA will provide fingerprint information at the time of the candidate's application. Students pursuing educator preparation should know that conviction for a felony or misdemeanor may lead to denial of teacher certification.

The University of Texas at Tyler offers certification programs that lead to certification in:

- Early Childhood-Grade 6 (See the School of Education section of this catalog for degree requirements.)
- Grades 4-8. (See the School of Education section of this catalog for requirements.)
- Grades 7-12. (See the appropriate department section of this catalog for degree requirements. See the Secondary Certification section below for certification requirements.)

- Early Childhood-Grade 12 in Art, Health, Languages other than English-Spanish, Music, and Physical Education. (See the appropriate department section of this catalog for degree requirements. See the All-level Certification section below for certification requirements.)

BSIS Degree with EC-6/ESL/Special Education

Total Semester Credit Hours = 121

Sample Course Sequence: BSIS leading to EC-6/ESL/Special Education

Freshman Year (30 hrs.)

Fall

ENGL 1301	College Composition I [TCCN: ENGL 1301]
HIST 1301	United States History I [TCCN: HIST 1301] Life Science (Biology)
MATH 1314	College Algebra [TCCN: MATH 1314]
GEOG 1313	World Regional Geography [TCCN: GEOG 1303]

Spring

ENGL 1302	College Composition II [TCCN: ENGL 1302]
HIST 1302	United States History II [TCCN: HIST 1302]
MATH 1350	Concepts of Modern Mathematics I [TCCN: MATH 1350] Physical Science (Chemistry or Physics) Visual and Performing Arts

Sophomore Year (34 hrs.)

Fall

SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
MATH 1351	Concepts of Modern Mathematics II [TCCN: MATH 1351]
POLS 2305	Introductory American Government [TCCN: GOVT 2305] Science Elective (any BIOL, CHEM, or PHYS)

One of the following:

ENGL 2322	English Literature to the 1780's [TCCN: ENGL 2322]
ENGL 2323	English Literature from the 1780's to the Present [TCCN: ENGL 2323]
ENGL 2362	World Literature through The Renaissance [TCCN: ENGL 2332]
ENGL 2363	World Literature since The Renaissance [TCCN: ENGL 2333]

Spring

EDUC 1301	Introduction to the Teaching Profession
EPSY 3330	Educational Psychology: Child Development and Learning
EDUC 4301	Mathematical Problem Solving in EC6
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
READ 3330	Children's Literature

One of the following:

GEOG 3310	Physical Geology and Astronomy
GEOG 3314	Oceanography and Meteorology

Junior Year (30 hrs.)

Fall

EDUC 2301	Introduction to Special Populations
EDUC 4321	Integrating Technology in the Classroom

READ 4350	Pre-kindergarten and Elementary Literacy (Grades PK-4)
EDUC 3312	Language and Literacy Acquisition
EDUC 3313	Integrating Arts and Movement

Spring

EDUC 3363	Managing Classrooms and Behavior in School Settings
EDUC 4369	Instructing Diverse Learners
EDUC 4322	Teaching Skills in EC-6
EDUC 4365	Assessment for Instruction
READ 4366	Corrective Reading Practicum

Senior Year (27 hrs.)

Fall

ELED 4313	Teaching Mathematics in the Elementary School
ELED 4314	Teaching Science in the Elementary School
ELED 4312	Teaching Social Studies in the Elementary School
READ 4360	Literacy in the Classroom
EDUC 4334	English Language Learners
EDUC 3356	Instructional Programs for Students with Moderate and Severe Disabilities

Spring

EDUC 4640	Student Teaching EC-12
EDUC 4057	Student Teaching Seminar
EDUC 4376	Collaborating with Families and Community

Field or clinical experiences are required in conjunction with professional education courses of the BSIS degree. The School of Education in cooperation with participating school districts assigns students to school placements.

In order to be eligible for a recommendation for EC-6 teacher certification, candidates must pass required TExES examinations and complete the requirements for the BSIS degree and student teaching.

Note: Student Teaching: Requirements for admission to student teaching are provided at the end of the BSIS section of this catalog and online in the Student Handbook.

BSIS Degree with 4-8 Certification

Total Semester Credit Hours = 120

The BSIS degree with 4-8 certification offers two options: UTeach Mathematics and UTeach Science.

UTEACH Mathematics and Science 4-8 Certification

The School of Education at UT Tyler participates in UTeach, an innovative teacher preparation program offered by the College of Arts and Sciences and The College of Education and Psychology that enables students to prepare for certification to teach mathematics or science in middle grades or high school.

The UTeach program invites students to explore their interest in teaching as early as the freshman year under the mentorship of secondary school mathematics and science teachers. Early involvement in the UTeach program is a quick and efficient way for students to learn whether they are suited for the teaching profession. However, students may apply at any time during their undergraduate careers. Applicants must meet minimum grade point average requirements.

UTeach prepares the student for certification in mathematics or science for grades 4-8 as the primary teaching field. More information is available from individual departments, or from the School of Education advising office. In order to be eligible for a recommendation of 4-8 teacher certification, candidates must pass required TExES examinations in addition to successfully completing the requirements for the BSIS degree and student teaching.

Recommended Curriculum: UTeach Mathematics (120 SCH)

Core Curriculum (42 SCH)

ENGL 1301	College Composition I [TCCN: ENGL 1301]
ENGL 1302	College Composition II [TCCN: ENGL 1302]
MATH 1350	Concepts of Modern Mathematics I [TCCN: MATH 1350]
MATH 1351	Concepts of Modern Mathematics II [TCCN: MATH 1351]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
HIST 1301	United States History I [TCCN: HIST 1301]
HIST 1302	United States History II [TCCN: HIST 1302]
POLS 2305	Introductory American Government [TCCN: GOVT 2305]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Select one course from each of the Core Curriculum component areas below:

- Life Sciences (BIOL)
- Physical Science (CHEM or PHYS)
- Language, Philosophy & Culture (ENGL)
- Creative Arts
- Social & Behavioral Sciences

UTeach Courses (30 SCH)

EDUT 1170	Step 1: Inquiry Approach
EDUT 2170	Step 2: Inquiry-Based Lessons
EDUT 3370	Knowing & Learning Mathematics and Science
EDUC 4378	Methodology of Teaching English as a Second Language
EDUT 3371	Classroom Interactions
EDFB 4338	Literacy in the Content Areas (Grade 5-12)
EDUT 4370	Project-Based Instruction
EDUC 4640	Student Teaching EC-12
EDUT 4170	Apprentice Teaching

Perspectives:

CHEM 3370	Perspectives on Science and Mathematics or
HIST 3360	Perspectives on Science and Mathematics or
PHIL 3360	Perspectives on Science and Mathematics

Research Methods:

BIOL 3360	Research Methods or
CHEM 3360	Research Methods or
PHYS 3360	Research Methods

Content Courses (48 SCH)

MATH 1314	College Algebra [TCCN: MATH 1314]
MATH 1342	Statistics [TCCN: MATH 1342]
MATH 2113	Calculus I Computer Lab
MATH 2312	Precalculus
MATH 2325	Functions and Modeling
MATH 2330	Discrete Structures
MATH 2413	Calculus I [TCCN: MATH 2413]
MATH 3203	Matrix Methods in Science and Engineering
MATH 3452	Advanced Concepts of Mathematics
GEOL 3310	Physical Geology and Astronomy
GEOL 3314	Oceanography and Meteorology
ENGR 1201	Introduction to Engineering
	Upper-division Elective (3 hrs.)
	Electives (9 hrs., advisor approval)
	Science Labs (2 hrs.)

Recommended Curriculum: UTeach Science (120 SCH)

Core Curriculum (42 SCH)

ENGL 1301	College Composition I [TCCN: ENGL 1301]
ENGL 1302	College Composition II [TCCN: ENGL 1302]
MATH 1350	Concepts of Modern Mathematics I [TCCN: MATH 1350]
MATH 1351	Concepts of Modern Mathematics II [TCCN: MATH 1351]
BIOL 1306	General Biology I [TCCN: BIOL 1306]
CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
HIST 1301	United States History I [TCCN: HIST 1301]
HIST 1301	United States History I [TCCN: HIST 1301]
POLS 2305	Introductory American Government [TCCN: GOVT 2305]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Select one course from each of the Core Curriculum component areas below:

- Language, Philosophy & Culture (ENGL)
- Creative Arts
- Social & Behavioral Sciences

UTeach Courses (30 SCH)

EDUT 1170	Step 1: Inquiry Approach
EDUT 2170	Step 2: Inquiry-Based Lessons
EDUT 3370	Knowing & Learning Mathematics and Science
EDUC 4378	Methodology of Teaching English as a Second Language
EDUT 3371	Classroom Interactions
EDFB 4338	Literacy in the Content Areas (Grade 5-12)
EDUT 4370	Project-Based Instruction
EDUC 4640	Student Teaching EC-12
EDUT 4170	Apprentice Teaching

Perspectives:

CHEM 3370	Perspectives on Science and Mathematics or
HIST 3360	Perspectives on Science and Mathematics or
PHIL 3360	Perspectives on Science and Mathematics

Research Methods:

BIOL 3360	Research Methods or
CHEM 3360	Research Methods or
PHYS 3360	Research Methods

Content Courses (48 SCH)

MATH 1314	College Algebra [TCCN: MATH 1314]
MATH 1342	Statistics [TCCN: MATH 1342]
BIOL 1307	General Biology II [TCCN: BIOL 1307]
BIOL 1107	General Biology II Laboratory [TCCN: BIOL 1107]
BIOL 1106	General Biology I Laboratory [TCCN: BIOL 1106]
BIOL 3336	Ecology
BIOL 3137	Ecology Laboratory
BIOL 3345	Plant Morphology
BIOL 3146	Plant Morphology Laboratory or
BIOL 3348	Plant Taxonomy Laboratory
BIOL 3147	Plant Taxonomy
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
PHYS 1301	College Physics I [TCCN: PHYS 1301]
PHYS 1101	College Physics I Laboratory [TCCN: PHYS 1101]
GEOL 3310	Physical Geology and Astronomy
GEOL 3314	Oceanography and Meteorology
ENGR 1201	Introduction to Engineering Electives (13 hrs., advisor approval)

Grades 7-12 Certification

The School of Education offers courses to prepare students for certification to teach in grades 7-12. To complete the 7-12 teaching certificate, the undergraduate candidate must complete the Bachelor of Science or Bachelor of Arts degree that is appropriate for the designated teaching field. These requirements are located in the appropriate academic department. Admission requirements for candidates seeking 7-12 certification are provided in School of Education section Admission Requirements.

Designated Teaching Fields:

- Life Sciences (7-12)
- Chemistry (7-12)
- Computer Science (7-12)
- Mathematics (7-12)
- Physical Sciences (7-12)
- English Language Arts and Reading (7-12)
- Social Studies (7-12)
- History (7-12)
- Journalism (7-12)
- Speech (7-12)

Curriculum:

Candidates for 7-12 UTeach Math, Life Science, Chemistry, or Physical Science certification must complete the following professional education courses (24 hrs.):

Year 1

EDUT 1170	Step 1: Inquiry Approach
EDUT 2170	Step 2: Inquiry-Based Lessons

Year 2

EDUT 3370	Knowing & Learning Mathematics and Science
CHEM 3370	Perspectives on Science and Mathematics or
HIST 3360	Perspectives on Science and Mathematics or
PHIL 3360	Perspectives on Science and Mathematics

Year 3

EDUT 3371	Classroom Interactions
BIOL 3360	Research Methods or
CHEM 3360	Research Methods or
PHYS 3360	Research Methods

Year 4

EDUT 4370	Project-Based Instruction
EDUC 4640	Student Teaching EC-12
EDUT 4171	Apprentice Teaching Seminar

Other 7-12 Certification

Candidates for all other 7-12 certification must complete the following professional education courses. (See the School of Education Advising Center for details) Candidates majoring in English, history, political science, journalism, or speech that wish to become certified teachers should see their major advisor and the advisor in the School of Education for assistance with degree plans.

EDUC 1301	Introduction to the Teaching Profession
EPSY 3340	Educational Psychology: Adolescent Development and Learning
EDUC 4320	Teaching Skills for the Intermediate and Secondary Teacher
EDSP 3351	Managing and Instructing Diverse Learners
EDUC 4312	Teaching Social Studies in the Middle and High School or
EDUC 4315	Teaching Language Arts in the Middle and High School
EDFB 4338	Literacy in the Content Areas (Grade 5-12)
EDUC 4640	Student Teaching EC-12
EDUC 4057	Student Teaching Seminar

(EDUC 4312, EDUC 4315 - Students must take the appropriate pedagogy course, if required.)

Professional education courses require related field experiences. These experiences occur in TEA-accredited schools. The School of Education in cooperation with participating school districts assigns students to school placements.

Grades EC-12 Certification

To complete the EC-12 teaching certificate, the undergraduate candidate must complete the Bachelor of Science, Bachelor of Arts, Bachelor of Fine Arts, or Bachelor of Music degree that is appropriate for the designated teaching field. These requirements are located in the appropriate academic department. Admission requirements for candidates seeking EC-12 certification are provided in the School of Education section following the Certification section on Admission Requirements. Students majoring in Art, Music, Health, Kinesiology or Spanish who are interested in becoming certified teachers should see

their major advisor and the advisor in the School of Education for assistance with degree plans.

Designated Teaching Fields:

- Art (EC-12)
- Health (EC-12)
- Music (EC-12)
- Physical Education (EC-12)
- Languages Other Than English – Spanish (EC-12)

Curriculum:

Candidates for EC-12 certification must complete the following professional education courses. (See the School of Education Advising Center for details.)

EC-12 Professional Education Courses:

EDUC 1301	Introduction to the Teaching Profession
EPSY 3340	Educational Psychology: Adolescent Development and Learning
EDUC 4320	Teaching Skills for the Intermediate and Secondary Teacher
EDSP 3351	Managing and Instructing Diverse Learners
EDUC 4640	Student Teaching EC-12
EDUC 4057	Student Teaching Seminar
EDFB 4338	Literacy in the Content Areas (Grade 5-12)

Take the appropriate pedagogy course, if required

EDUC 4312	Teaching Social Studies in the Middle and High School or
EDUC 4315	Teaching Language Arts in the Middle and High School

Or appropriate pedagogy course offered in home department (art, music, and physical education majors.)

Professional education courses require related field experiences. The School of Education in cooperation with participating school districts assigns students to school placements.

Certification Program Completion Requirements for Grades 7-12 and EC-12:

1. Completion of Core Requirements for the degree with a “C” or better in each course;
2. Admission to the School of Education (see the School of Education section);
3. Completion of all Professional Education courses with a “C” or better, and a cumulative 2.5 GPA;
4. A final cumulative GPA of at least 2.5 for courses on the degree plan;
5. Completion of appropriate content course requirements leading to the degree and the required GPA as designated by the content department;
6. Successful completion of student teaching;
7. Successful completion of required TExES;
8. Submit to national criminal history background check.

Supplements

A supplement attaches to the level of certificate being earned—EC-6, 4-8, 7-12, or EC-12.

To complete a teaching supplement to be added to a new or existing standard classroom teaching certificate, the undergraduate candidate must complete the Bachelor of Science or Bachelor of Arts degree that is appropriate for the designated teaching field and all requirements for a standard classroom teaching certificate. These requirements are located in the appropriate academic department as well as above.

A supplement may be earned in bilingual education and English as a Second Language.

NOTE: Bilingual education requires 6 hours of specific coursework. See your advisor in the School of Education in the College of Education and Psychology about this certification supplement.

Supplement: Bilingual

Completion of 12 hrs. of specific coursework. The bilingual certificate can be earned concurrently with an initial classroom teaching certificate or added to a valid Texas teacher certificate upon successful completion of the specified course sequence and passing scores on the state examinations.

Required Courses

EDUC 4377	Acquisition and Development of English as a Second Language
EDUC 4378	Methodology of Teaching English as a Second Language
EDBE 5338	Science, Math, and Social Studies in Bilingual Education
EDBE 5376	Reading and Language Arts in Bilingual Education

EDBE 5338 and EDBE 5376: These courses may only be taken when the undergraduate is within 12 hrs. of degree completion. They will not count toward the undergraduate degree.

A minimum grade point average of 2.5 in all courses leading to bilingual certification, including a 2.5 at UT Tyler is required. Prospective teachers must achieve a minimum grade of “C” in all courses leading to the bilingual supplement.

Successful completion of required TExES examinations is necessary for a recommendation for teacher certification.

Supplement: English as a Second Language (ESL)

Completion of 12 hrs. of specific coursework. The ESL certificate can be earned concurrently with an initial classroom teaching certificate or added to a valid Texas teacher certificate upon successful completion of the specified course sequence and a passing score on the state examination.

Required Courses

ENGL 3376	Contrastive Linguistics
EDUC 4377	Acquisition and Development of English as a Second Language
ENGL 4376	Introduction to Linguistics
EDUC 4378	Methodology of Teaching English as a Second Language

A minimum grade point average of 2.5 in all courses leading to English as a Second Language certification, including a 2.5 at UT Tyler is required. Prospective teachers must achieve a minimum grade of “C” in all courses leading to the ESL supplement.

Successful completion of the required TExES examination is necessary for a recommendation for teacher certification.

Department of Psychology and Counseling

Dr. Charles Barké, Chair

The Department of Psychology and Counseling offers courses leading to Bachelor of Arts, Bachelor of Science, Master of Arts, and Master of Science degrees. Both baccalaureate degrees are acceptable preparation for graduate study in psychology or counseling. (See the graduate section of this catalog for information concerning the master's degrees in clinical psychology, clinical mental health counseling, and school counseling.) Also, psychology may be chosen as a minor field of study.

Objectives and Overview

Psychology is the functional analysis of behavior and subjective mental phenomena, such as perceptions, thoughts, dreams, and emotions, which can be objectively defined by behavior. The normal individual human is the primary focus of undergraduate study, whereas the study of psychopathology and counseling is emphasized primarily at the graduate level. The objective of the psychology program is to provide students with the opportunity to better understand human behavior by acquiring a foundation of empirically derived psychological knowledge, by developing a critical, non-intuitive perspective, and by learning analytical techniques.

Psychology traditionally serves as part of a well-balanced liberal arts education. Taken as a major, second major, or minor field of study, psychology can prepare students for the many diverse occupations in government, business, education, health, and ministry, which require working with people. It can prepare students for admission to professional schools and for graduate study that leads to licensure as clinical or counseling psychologists.

The psychology curriculum is concentrated at the upper-division (junior-senior) level, except for PSYC 1301, PSYC 1349, PSYC 2320, PSYC 2331 and PSYC 2354. Majors and non-majors may take any 3000-level psychology course identified as a general elective in their sophomore, junior, or senior years. Students must have advisor approval to take 4000-level psychology classes before the second semester of their junior year.

High School Preparation

A strong college preparatory program of study in high school, including algebra and biology, is helpful to students who plan to major in psychology. Also, students are expected to write and speak effectively.

Psychology B.A.

Total Semester Credit Hours = 120

Degree Requirements

Requirements for the Bachelor of Arts degree in psychology include the following:

1. A minimum of 120 hours, including a minimum of 45 upper-division hours, 39 hours of psychology, at least 27 of which must be upper-division hours, completion of the Major Field Test in Psychology, and a minimum 2.25 GPA in psychology requirements. Only grades of "C" or better will fulfill psychology major and minor requirements.
2. The University Core Curriculum of 42 semester hours

3. Thirty (30) semester hours of core psychology courses listed below.
4. At least nine (9) upper-level psychology semester hours of general electives.
5. The number of elective hours may vary depending on which course is used to satisfy the Social Science Core Curriculum requirement and whether a student transfers in with PSYC 2320. A student will need a minimum of 15 hours at the upper-division level. The remaining elective hours can be taken at any level to finish the 120 hour degree requirement.
6. Eighteen (18) of the upper-division psychology hours must be taken in residence at UT Tyler.

Core Psychology Courses (30 hrs.)

PSYC 1301	Introduction to Psychology
PSYC 2331	Research Methods
PSYC 2354	Statistics and Laboratory
PSYC 4301	Tests and Measurement
PSYC 4311	Abnormal Psychology
PSYC 3325	Learning and Conditioning
PSYC 4318	Physiological Psychology
PSYC 4353	Developmental Psychology
PSYC 3306	Social Psychology
PSYC 4315	Cognitive Psychology

Transfer students having taken PSYC 2320 may substitute it for PSYC 4353. Only one of the two will be counted toward degree requirements.

Psychology Electives may include:

PSYC 3310	Health Psychology
PSYC 3311	Psychology of Gender
PSYC 3335	Diversity & Social Justice
PSYC 3345	Mental Health Services
PSYC 3350	Introduction to Clinical and Counseling Psychology
PSYC 3356	Sensation and Perception
PSYC 3360	Psychology of Parenting
PSYC 3370	Psychology of Love Relationships
PSYC 4319	Psychopharmacology
PSYC 4341	Personality Theory
PSYC 4360	Topics in Psychology
PSYC 4370	Field Experience in Psychology
PSYC 4371	Field Experience in Psychology

No student may enroll in 4000-level psychology courses in their first semester at UT Tyler without advisor approval. No correspondence or online course from another university may apply toward elective or core psychology hours without the prior approval of the undergraduate psychology advisor or department chair. Psychology courses identified in the Schedule of Classes as "Intended as a General Elective" may not count as a psychology elective but may count as a general elective.

No correspondence course or non-UTT online course may apply toward elective or core psychology hours without the prior approval of the department chair or psychology faculty advisor.

Only courses in which a grade of "C" or better has been achieved may be counted toward major or minor degree requirements. Graduation requires a GPA of at least 2.25 in major or minor psychology degree requirements. Students are advised to complete a degree plan during their first semester of enrollment.

General elective, upper-division courses in the following areas are strongly recommended: (1) the history of western or world civilizations, (2) cultural and physical anthropology, (3) philosophy, (4) social sciences (5) biological sciences, and (6) computer science.

Psychology B.S.

Total Semester Credit Hours = 120

Degree Requirements

Requirements for the Bachelor of Science degree in psychology include the following:

1. A minimum of 120 hours, including a minimum of 51 upper-division hours, 39 hours of psychology, at least 27 of which must be upper-division hours, and a minimum 2.25 GPA in psychology requirements, and completion of the Major Field Test in Psychology. Only grades of "C" or better will fulfill major or minor degree requirements.
2. The University Core Curriculum of 42 semester hours.
3. Thirty-three(33) semester hours of core psychology courses listed below.
4. At least six (6) upper-level psychology elective hours with approval of advisor.
5. Four courses totaling a minimum of 12 hours, of which 2 must be taken at the upper-division level. The courses can be from mathematics, sciences, allied health sciences and/or the following Psychology courses: PSYC 4319, PSYC 3310, PSYC 3356, PSYC 3350, or other courses approved by your advisor.
6. The number of electives hours may vary depending on which course is used to satisfy the Social Science Core Curriculum requirement. A student will need a minimum of 15 hours of general electives at the upper division level. The remaining elective hours can be taken at any level to finish the 120 hour degree requirement.
7. Eighteen (18) of the upper-division psychology hours must be taken in residence at UT Tyler.

Core Psychology Courses (33 hrs.)

PSYC 1301	Introduction to Psychology
PSYC 2331	Research Methods
PSYC 2354	Statistics and Laboratory
PSYC 4301	Tests and Measurement
PSYC 4311	Abnormal Psychology
PSYC 3325	Learning and Conditioning
PSYC 4318	Physiological Psychology
PSYC 4353	Developmental Psychology
PSYC 3306	Social Psychology
PSYC 4315	Cognitive Psychology
PSYC 4331	Advanced Research Methods

Transfer students having taken PSYC 2320 may substitute it for PSYC 4353. Only one of the two will be counted toward degree requirements.

Psychology Electives may include:

PSYC 3310	Health Psychology
PSYC 3311	Psychology of Gender
PSYC 3335	Diversity & Social Justice
PSYC 3345	Mental Health Services
PSYC 3350	Introduction to Clinical and Counseling Psychology
PSYC 3356	Sensation and Perception
PSYC 3360	Psychology of Parenting
PSYC 3370	Psychology of Love Relationships
PSYC 4319	Psychopharmacology
PSYC 4341	Personality Theory
PSYC 4360	Topics in Psychology
PSYC 4370	Field Experience in Psychology
PSYC 4371	Field Experience in Psychology

See advisor for acceptable transferred course work that could fit for upper-level psychology elective(s).

No student may enroll in 4000-level psychology courses in their first semester at UT Tyler without advisor approval. No correspondence or online course from another university may apply toward elective or core psychology hours without the prior approval of the undergraduate psychology advisor or department chair. Psychology courses identified in the Schedule of Classes as "Intended as a General Elective" may not count toward the psychology major but may count as a general elective.

No correspondence course or non-UTT online course may apply toward elective or core psychology hours without the prior approval of the department chair or psychology faculty advisor.

Only courses in which a grade of "C" or better has been achieved may be counted toward major or minor degree requirements. Graduation requires a GPA of at least 2.25 in major or minor psychology degree requirements and completion of the Major Field Test in Psychology. Students are advised to complete a degree plan during their first semester of enrollment.

General elective, upper-division courses in the following areas are strongly recommended: (1) the history of western or world civilizations, (2) cultural and physical anthropology, (3) philosophy, (4) social sciences (5) biological sciences, and (6) computer science.

Psychology Minor

Psychology may be chosen as a minor to satisfy requirements for certain bachelor's degree programs with majors in other fields. The program consists of 18 semester hours in psychology, at least twelve (12) of which must be taken at the upper-division level. Only courses in which a grade of "C" or better has been achieved may be counted toward minor degree requirements. Students should consult a psychology faculty advisor prior to enrolling in courses intended to count toward the minor.

All upper-division courses in psychology are acceptable to count towards the minor. PSYC 2320 or equivalent counts towards your minor requirements only if transferred in at time of first admission to UT Tyler. Only PSYC 2320 (if transferred in) OR PSYC 4353 will count towards minor degree requirements. You may not receive credit for both.

COLLEGE OF ENGINEERING

Dr. James K. Nelson, Jr., P.E., C. Eng., Dean

In support of the University's mission, the College of Engineering offers four bachelor of science degree programs and three master's degree programs, supports education of university students in the area of technological literacy and the engineering design process, and provides non-credit continuing education courses in engineering and construction management through the resources of four departments: Department of Civil Engineering, Department of Electrical Engineering, Department of Mechanical Engineering and Department of Construction Management.

The Department of Civil Engineering offers the Bachelor of Science in Civil Engineering and the Master of Science in Civil Engineering. The Department of Construction Management offers the Bachelor of Science in Construction Management. The Department of Electrical Engineering offers the Bachelor of Science in Electrical Engineering and the Master of Science in Electrical Engineering. The Department of Mechanical Engineering offers the Bachelor of Science in Mechanical Engineering and the Master of Science in Mechanical Engineering.

In addition to studying on campus in Tyler, students can complete a baccalaureate degree in civil engineering, electrical engineering, or mechanical engineering through study at the Houston Engineering Center. Students pursuing a degree through the Houston Engineering Center typically will complete the first two years of study at a community college and complete the last two years with UT Tyler.

Mission and Vision Statement

The mission of the College of Engineering at The University of Texas at Tyler is to:

- Prepare broadly educated graduates who think critically and serve the global community as professionals through investigation, collaboration, and innovation;
- Foster the intellectual and economic vitality of the region, the state, and the nation through teaching, research and outreach; and
- Instill a sense of excellence, ethics, integrity, leadership, and service in our graduates.

With this mission in mind, the vision of the faculty is that the College of Engineering will be:

- A recognized leader in engineering and computer science education and selected research fields at the local, state, and national level;
- A leader in the University in terms of student quality, performance, retention, and enrollment;
- A leader in the University in attracting and educating a diverse student body; and
- A leader in the University in externally funded research.

Strategic Goals

Supporting the mission and the vision of the college, the strategic goals of the College of Engineering at The University of Texas at Tyler are:

Goal 1—A Highly Qualified and Diverse Faculty: Hire and retain a qualified, diverse, and motivated faculty who support

and enhance our aspirations for excellence and provide an enabling environment.

Goal 2—Excellence and Innovation in Education: Maintain innovative and flexible curricula that are founded in the bodies of knowledge necessary for professional practice; emphasize design, teamwork, and ethics throughout; and are responsive to the needs of our stakeholders.

Goal 3—Excellence in Research and Scholarship: Develop and maintain nationally recognized research programs in all departments solving problems relevant at the local, state, and national level.

Goal 4—Contribute to Life-Long Learning: To meet the ever-changing technological and scientific needs of practicing engineers and computer scientists, and the community in general, we will provide opportunities for them to continue their professional development and will serve as a resource for technology transfer regarding relevant issues related to professional practice.

Department of Civil Engineering

Dr. J. Torey Nalbone, Chair

Civil Engineering, one of the largest engineering branches, is a creative, demanding and rewarding profession. From the pyramids of Egypt to the exploration of space, civil engineers have always faced the challenges of the future – advancing civilization and improving the quality of life. Civil engineers design and manage the building of the world's infrastructure and thus affect the everyday life of every member of society. It would be difficult to imagine life without the many contributions of civil engineers to the public's health, safety, and standard of living. Civil engineering's contributions to daily life include modern transportation, clean water, and power generation.

Civil engineering involves the use of complex technology and a strong scientific, mathematical, and engineering knowledge base to creatively solve society's problems. Civil engineers then go beyond the science, math, engineering, technology, and problem solving to make the world a better place by serving in communities and by participating in the public policy process.

Today, civil engineers are designing complex systems for highway exchanges, major bridges, modern hospitals, water purification, theme parks, airports, and launch pads. In the future, civil engineers will be designing special rail beds for magnetic levitation trains and will be making Mars a hospitable habitat for humans. Civil engineering is also about community service, development, and improvement. It involves the conception, planning, design, construction, and operation of facilities essential to modern life, ranging from transit systems to offshore structures to space satellites. Civil engineers are problem solvers, meeting the challenges of pollution, traffic congestion, drinking water, energy needs, urban redevelopment, and community planning.

The Department of Civil Engineering offers programs leading to the Bachelor of Science in Civil Engineering and the Master of Science in Civil Engineering. The baccalaureate degree program can be completed through study in Tyler or at the Houston Engineering Center in Houston, TX.

The Civil Engineering baccalaureate program is accredited by the Engineering Accreditation Commission of ABET <http://www.abet.org>.

Civil Engineering B.S.

Mission

The faculty and staff provide the opportunity for civil engineering students to develop state-of-the-art engineering knowledge and skills through student-centered education and research. Teamwork, professionalism and the importance of life-long learning are hallmarks of our program. Students and faculty provide outreach through innovative civil engineering solutions to significant regional, national, and global issues.

Vision

The department will be a leader in civil engineering education through the integration of design in the curriculum. Upon graduation, our students will be able to excel in the global civil and environmental engineering community. We will be a recognized center for innovative civil engineering research and expertise that meets the needs of industry, government, and society.

Program Educational Objectives

1. Graduates demonstrate the knowledge, skills, and attitudes necessary to become engineering leaders and assume responsibility for multidisciplinary engineering design; project construction, and asset management; and ethical decision making in professional practice.
2. Graduates continue to grow intellectually and professionally through participation in professional society activities, continuing engineering education, graduate studies, and/or self-study during their professional career.
3. Graduates demonstrate effective oral, written, and graphical communication skills to meet increasing professional demands.
4. Graduates become licensed professional engineers.

Student Outcomes

Graduates can:

1. Apply knowledge of traditional mathematics, science, and engineering skills, and use modern engineering tools to solve problems.
2. Design and conduct experiments, as well as analyze and interpret data in more than one civil engineering sub-discipline.
3. Design systems, components, and processes and recognize the strengths and areas for possible improvement of their creative designs within realistic constraints such as economic, political, social, constructability, sustainability, public health and safety, environmental, and ethical.
4. Work independently as well as part of a multidisciplinary design team.
5. Identify, formulate, solve, and evaluate engineering design problems using engineering models in the disciplines of structural engineering, transportation engineering, hydrology, construction management, and/or environmental engineering.

6. Analyze a situation and make appropriate professional and ethical decisions.
7. Demonstrate effective oral, written, and graphical communication skills.
8. Demonstrate a commitment to learning and continued professional development outside the classroom, incorporate contemporary issues and historical perspectives during problem solving, and determine the impact of engineering solutions in a global and societal context.
9. Explain professional practice attitudes, leadership principles and attitudes, management concepts and processes, and concepts of business, public policy, and public administration.

Graduation Requirements

During a civil engineering student's first semester at The University of Texas at Tyler, a civil engineering faculty member is assigned as the student's academic advisor to work with the student in planning a program of study to complete degree requirements. Students are encouraged to meet with their advisor throughout the semester and are required to meet with their advisor prior to registering for the next semester or summer session.

To graduate with a Bachelor of Science in Civil Engineering degree, a student must

1. complete the general baccalaureate degree requirements for the university;
2. earn a grade of "C" or better in all courses used to meet the degree requirements;
3. achieve satisfactory performance on the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering (FE) examination. A senior may take the FE exam within one year of completing the BSCE curriculum. The FE exam may be taken more than once, and seniors will be encouraged to take the exam at the earliest opportunity; and
4. complete the Civil Engineering curriculum requirements specified in the following sections.

Degree Requirements

Total Semester Credit Hours=128

Freshman Year

First Semester (16 hrs.)

ENGR 1201	Introduction to Engineering
ENGL 1301	College Composition I [TCCN: ENGL 1301]
MATH 2413	Calculus I [TCCN: MATH 2413]
CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Second Semester (16 hrs.)

ENGR 1204	Engineering Graphics I
MATH 2414	Calculus II [TCCN: MATH 2414]
PHYS 2325	University Physics I [TCCN: PHYS 2325]
PHYS 2125	University Physics I Laboratory [TCCN: PHYS 2125]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
ENGL 1302	College Composition II [TCCN: ENGL 1302]

Sophomore Year**First Semester (17 hrs.)**

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
CENG 2336	Geomatics
ENGR 2301	Engineering Mechanics: Statics
MATH 3404	Multivariate Calculus
PHYS 2326	University Physics II [TCCN: PHYS 2326]
PHYS 2126	University Physics II Laboratory [TCCN: PHYS 2126]

Second Semester (18 hrs.)

ENGR 2302	Engineering Mechanics: Dynamics
CENG 3306	Mechanics of Materials
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]
MATH 3305	Ordinary Differential Equations
HIST 1302	United States History II [TCCN: HIST 1302]
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]

Junior Year**First Semester (16 hrs.)**

CENG 3434	Civil Engineering Materials, Codes, and Specifications
CENG 3310	Fluid Mechanics and Hydraulics
MATH 3351	Probability and Statistics for Engineers and Scientists
CENG 4339	Civil Engineering Construction Management Additional Science Elective

Second Semester (15 hrs.)

CENG 3361	Applied Engineering Hydrology and Hydraulic Design
CENG 3351	Transportation Engineering Systems
CENG 3371	Introduction to Environmental Engineering
CENG 3336	Soil Mechanics and Foundation Design
CENG 3325	Structural Analysis

Senior Year**First Semester (15 hrs.)**

CENG 4412	Reinforced Concrete and Steel Design
CENG 4351	Traffic Engineering: Operations and Control
CENG 4371	Environmental Engineering Design
CENG 4381	Foundation Design
CENG 4115	Senior Design I
ENGR 4109	Senior Seminar
ENGR 4009	FE Exam Preparation

Technical Elective- Required if only two of the three Design courses taken (CENG 4351, CENG 4371, or CENG 4381)

Second Semester (15 hrs.)

CENG 4315	Senior Design II
HIST 1301	United States History I [TCCN: HIST 1301]
CENG 4341	Civil Engineers and Leadership, Public Policy, Business Practices, and Asset Management CENG Elective Technical Elective

Visual and Performing Arts

Civil Engineering Completion Curriculum

Students who have earned the Texas Associate of Science in Engineering Science degree from an ASAC/ABET accredited program at a participating community college with an overall GPA of at least 2.50/4.00 and with no grade lower than a "C" are eligible to pursue the Civil Engineering Completion Program to earn a Bachelor of Science in Civil Engineering. This pathway enables a student to begin their engineering degree at a participating community college and complete the degree at UT Tyler.

Course Requirements for Completion Curriculum**Junior Year****First Semester (18 hrs.)**

CENG 2336	Geomatics
CENG 3310	Fluid Mechanics and Hydraulics
MATH 3351	Probability and Statistics for Engineers and Scientists
CENG 3306	Mechanics of Materials
CENG 4339	Civil Engineering Construction Management Additional Science Elective

Second Semester (15 hrs.)

CENG 3361	Applied Engineering Hydrology and Hydraulic Design
CENG 3351	Transportation Engineering Systems
CENG 3371	Introduction to Environmental Engineering
CENG 3336	Soil Mechanics and Foundation Design
CENG 3325	Structural Analysis

Senior Year**First Semester (16 hrs.)**

CENG 4412	Reinforced Concrete and Steel Design
CENG 4351	Traffic Engineering: Operations and Control
CENG 4371	Environmental Engineering Design
CENG 4381	Foundation Design
CENG 4115	Senior Design I
ENGR 4109	Senior Seminar
CENG 3434	Civil Engineering Materials, Codes, and Specifications
ENGR 4009	FE Exam Preparation

Students are required to complete either three Design courses (CENG4315, 4371, and 4381) or two of the above Design courses and one technical elective.

Second Semester (18 hrs.)

CENG 4315	Senior Design II
CENG 4341	Civil Engineers and Leadership, Public Policy, Business Practices, and Asset Management Technical Elective
POLS 2305	Introductory American Government [TCCN: GOVT 2305]
HIST 1302	United States History II [TCCN: HIST 1302]
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]

Department of Construction Management

Dr. J. Torey Nalbone, Chair

A degree in Construction Management prepares graduates to administer the entire range of construction operations on a project, from start to finish. The construction business is the largest industry in the United States with approximately 7 million employees. Construction and related industries account for more than 8 percent of the nation's Gross Domestic Product. Managing the construction process requires an extensive understanding of the principles of construction management as well as autonomy, professionalism, and leadership skills. Construction Managers are responsible for motivating teams, facilitating subcontractors, and managing equipment and materials to produce a finished structure.

Construction Management B.S.

The Construction Management Program prepares graduates for professional careers and leadership roles in construction and construction-related industries. The Construction Curriculum focuses on Professionalism, Leadership, Ethics, and Autonomy. Students are expected to participate in Service Learning and Community Service during their academic career at The University of Texas at Tyler. The Department of Construction Management offers a plan of study leading to Bachelor of Science in Construction Management.

Program Educational Objectives

1. Graduates demonstrate the knowledge, skills, and attitudes necessary to become construction and project management leaders assuming responsibility for multidisciplinary construction project teams, client focused construction, asset management; and ethical decision making in construction management practice.
2. Graduates continue to grow intellectually and professionally through participation in professional society activities, continuing construction manager education, graduate studies, and/or self-study during their professional career.
3. Graduates demonstrate effective oral, written, and graphical communication skills to meet increasing professional demands.
4. Graduates become Certified Project Managers or pursue professional level recognition in construction or project management.

Student Outcomes

Graduates can:

1. Apply knowledge of traditional mathematics, science, and engineering skills, and use modern tools to solve construction problems.
2. Design and conduct experiments, as well as analyze and interpret data in construction.
3. Design systems, components, and processes and recognize the strengths and areas for possible improvement of their creative designs within realistic constraints such as economic, political, social, constructability, sustainability, public health and safety, environmental, and ethical.
4. Work independently as well as part of a multidisciplinary design team.
5. Identify, formulate, solve, and evaluate construction design problems using models in the discipline of construction management.
6. Analyze a situation and make appropriate professional and ethical decisions.
7. Demonstrate effective oral, written, and graphical communication skills.

8. Demonstrate a commitment to learning and continued professional development outside the classroom, incorporate contemporary issues.

Graduation Requirements

During a student's first semester in the Construction Management program, a program faculty member is assigned as the student's academic advisor to work with the student in planning a program of study to complete degree requirements. Students are encouraged to meet with their advisor throughout the semester and are required to meet with their advisor prior to registering for the next semester or summer session.

To graduate with a Bachelor of Science in Construction Management degree, a student must

1. earn a grade of "C" or better in all courses used to meet degree requirements,
2. complete the general baccalaureate degree requirements of the University, and
3. complete the Construction Management curriculum requirements specified in the following sections.

Suggested Four-Year Curriculum

Freshman Year

First Semester (16 hrs.)

ENGL 1301	College Composition I [TCCN: ENGL 1301]
MATH 2312	Precalculus
HIST 1301	United States History I [TCCN: HIST 1301]
	Visual and Performing Arts Science

Second Semester (15 hrs.)

SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
PHYS 1301	College Physics I [TCCN: PHYS 1301]
PHYS 1101	College Physics I Laboratory [TCCN: PHYS 1101]
ENGR 1204	Engineering Graphics I
MATH 1324	Mathematics for Business and Economics I [TCCN: MATH 1324]
ENGL 1302	College Composition II [TCCN: ENGL 1302]

Sophomore Year

First Semester (15 hrs.)

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
CENG 2336	Geomatics
ACCT 2301	Principles of Financial Accounting [TCCN: ACCT 2301]
CMGT 2302	Introduction to Construction Management
CMGT 2303	Construction Materials and Methods

Second Semester (15 hrs.)

POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
MATH 1342	Statistics [TCCN: MATH 1342]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]
HIST 1302	United States History II [TCCN: HIST 1302]

Junior Year**First Semester (15 hrs.)**

CMGT 3310	Intro to Construction Structural Systems
BLAW 3301	Business Law and Social Responsibility
FINA 3311	Principles of Finance
MANA 3311	Fundamentals of Management
CMGT 3311	Construction Estimating

Second Semester (15 hrs.)

CMGT 3315	Construction Design Theory
CMGT 3320	Soils and Foundations in Construction
CMGT 3365	Mechanical and Electrical Systems
CMGT 3348	Construction Safety
CMGT 3312	Advanced Estimating

Senior Year**First Semester (14 hrs.)**

CMGT 4331	Construction Scheduling
CMGT 4335	Construction Law and Ethics
CMGT 4375	Construction Administration and Economics
CMGT 4315	Construction Systems
ENGR 4109	Senior Seminar
CMGT 4195	Construction Management Capstone I

Second Semester (15 hrs.)

CMGT 4313	Applied Construction Structural Systems
CMGT 4385	Commercial Construction
CMGT 4395	Construction Management Capstone
CMGT 4370	Construction Management Internship Elective

Construction Management Minor

A minor in construction management is a valuable support field for many different majors. It has proven particularly helpful to students majoring in business administration, human resources, civil engineering and mechanical engineering. The construction management minor requires 18 hours including CMGT 2302 and CMGT 2303. The remaining 12 hours must be upper-division CMGT courses. The courses are: CMGT 3311, CMGT 3312, CMGT 3348 and CMGT 4331.

Suggested Curriculum**Freshman/Sophomore Spring Semester**

CMGT 2302	Introduction to Construction Management
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Sophomore/Junior Fall Semester

CMGT 2302	Introduction to Construction Management
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Junior Fall Semester

CMGT 3311	Construction Estimating
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Junior Spring Semester

CMGT 3312	Advanced Estimating
CMGT 3348	Construction Safety

(Prerequisite of CMGT 3311 for CMGT 3312)

Senior Fall Semester

CMGT 4331	Construction Scheduling
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(Prerequisite CMGT 3311)

Department of Electrical Engineering**Dr. Hassan El-Kishky, Interim Chair**

Electrical Engineering prepares individuals to use science, math, computers, and modern technology together with well-developed critical thinking and problem-solving skills to analyze, design, construct, and maintain products and services related to electrical and electronic devices and systems. Some areas in which an electrical engineer may specialize are computers, communication systems, control systems, signal processing, microelectronics, and electrical power systems. Electrical engineers work in design, development, research, testing, manufacturing, and sales. With experience, many electrical engineers also serve as managers of large engineering projects, executives in major corporations, or as owners of their own companies. Whether developing and designing computers; space vehicle guidance, navigation, and control systems; satellite, optical and wireless communication systems; advanced medical diagnostic equipment and precision surgical tools; or large electric power systems, an electrical engineer has varied and growing opportunities for a challenging and rewarding career in today's high tech world.

The Department of Electrical Engineering offers programs leading to the Bachelor of Science in Electrical Engineering and the Master of Science in Electrical Engineering. The baccalaureate degree program can be completed through study in Tyler or at the Houston Engineering Center in Houston, TX.

The Electrical Engineering baccalaureate program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

Electrical Engineering B.S.**Mission Statement**

The Department of Electrical Engineering supports the mission of the College of Engineering through its teaching, research, and community service activities. The Department is committed to excellence in undergraduate electrical engineering education and provides its students with a strong theoretical foundation, practical engineering skills, experience in communication and teamwork, and training in ethics and professional conduct. Graduates are prepared for successful engagement in industrial enterprises, research and development, graduate study, and practice as professional engineers. The Department also provides advanced studies in support of the graduate programs of the College of Engineering.

Program Educational Objectives

Educational objectives of the electrical engineering program are the knowledge, skills, and experiences that enable graduates to:

1. be involved in professional practice through the application of problem solving skills, using relevant technology in their field;
2. demonstrate professional leadership skills through effective communication, critical thought, creativity, and teamwork;
3. integrate engineering principles and social, business, and ethical issues in modern society in the process of decision making;
4. be professionally engaged in serving the needs of business, industry, government, and academic organizations;

- grow professionally through activities such as graduate study, continuing education, professional licensure, and participation in technical societies.

Student Outcomes

Electrical Engineering students at the time of graduation are expected to:

- have the ability to apply knowledge of the fundamentals of mathematics, science, and engineering;
- have the ability to use modern engineering tools and techniques in the practice of Electrical Engineering;
- have the ability to analyze electrical circuits, devices, and systems;
- have the ability to design electrical circuits, devices, and systems to meet application requirements;
- have the ability to design and conduct experiments, and analyze, and interpret experimental results;
- have the ability to identify, formulate, and solve problems in the practice of Electrical Engineering using appropriate theoretical and experimental methods;
- have effective written, visual, and oral communication skills;
- possess an educational background to understand the global context in which engineering is practiced, including:
 - knowledge of contemporary issues related to science and engineering;
 - the impact of engineering on society;
 - the role of ethics in the practice of engineering;
- have the ability to contribute effectively as members of multi-disciplinary engineering teams;
- have a recognition of the need for and ability to pursue continued learning throughout their professional careers.

Graduation Requirements

Upon admission to the Electrical Engineering major, an electrical engineering faculty member will serve as the student's academic advisor to work with the student in planning a program to complete degree requirements. Students are encouraged to meet with their advisor throughout the semester and are required to meet with their advisor prior to registering for the next semester.

To graduate with a Bachelor of Science degree in Electrical Engineering, the student must:

- earn a grade of "C" or better in all courses used to meet degree requirements.
- earn a grade of "C" or better in any course that is a prerequisite for subsequent courses in the curriculum prior to taking a course that requires the prerequisite,
- complete the general baccalaureate degree requirements of the University,
- complete the Electrical Engineering curriculum requirements specified in the following sections,
- take the Fundamentals of Engineering examination of the National Council of Examiners for Engineering and Surveying (NCEES), including the discipline-specific examination for electrical engineering.

Concentrations

In addition to the required Electrical Engineering courses, each student may choose technical electives to develop skills in a particular career area. Students should select the area prior to completion of the junior

year, and plan their course of study in order to satisfy the prerequisites for elective courses.

Computer Engineering Area

The Computer Engineering curriculum focuses on developing knowledge and practical skills in the design, development, and applications of computer systems including hardware, software, and hardware-software interaction. Computer Engineers require the knowledge and skills necessary to evaluate trade-offs and optimize the design of computer systems based on the attributes of both the hardware and the software. To meet the requirements for this concentration, a student must take the course Computer Architecture (EENG 4320), and two additional Computer Engineering elective courses.

128 Total Semester Credit Hours

Freshman Year

First Semester (16 hrs.)

CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
ENGL 1301	College Composition I [TCCN: ENGL 1301]
MATH 2413	Calculus I [TCCN: MATH 2413]
EENG 1301	Engineering the Future
ENGR 1201	Intro to Engineering or Science elective (2 hrs.) selected from approved departmental list.

Second Semester (16 hrs.)

PHYS 2325	University Physics I [TCCN: PHYS 2325]
PHYS 2125	University Physics I Laboratory [TCCN: PHYS 2125]
MATH 2414	Calculus II [TCCN: MATH 2414]
COSC 1436	Programming Fundamentals
EENG 2101	MATLAB for Engineers
ENGL 1302	College Composition II [TCCN: ENGL 1302]

Sophomore Year

First Semester (17 hrs.)

HIST 1301	United States History I [TCCN: HIST 1301]
MATH 3404	Multivariate Calculus
PHYS 2326	University Physics II [TCCN: PHYS 2326]
PHYS 2126	University Physics II Laboratory [TCCN: PHYS 2126]
EENG 3302	Digital Systems
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]

Second Semester (16 hrs.)

MATH 3305	Ordinary Differential Equations
EENG 3304	Linear Circuits Analysis I
EENG 3104	Linear Circuits Analysis I Lab
HIST 1302	United States History II [TCCN: HIST 1302]
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]
ECON 2301	Principles of Macroeconomics [TCCN: ECON 2301]
	or
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]

Junior Year**First Semester (15 hrs.)**

MATH 3203	Matrix Methods in Science and Engineering
MATH 3351	Probability and Statistics for Engineers and Scientists
EENG 3303	Electromagnetic Fields
EENG 3305	Linear Circuits Analysis II
EENG 3306	Electronic Circuit Analysis I
EENG 3106	Electronics Circuits Analysis I Lab

(MATH 3315 can be substituted for MATH 3203)

Second Semester (16 hrs.)

EENG 4308	Automatic Control Systems
EENG 4311	Signals and Systems
EENG 3307	Microprocessors
ENGR 3314	Design Methodology in Engineering
EENG 4309	Electronic Circuits Analysis II
EENG 4109	Electronic Circuit Analysis II Lab

Senior Year**First Semester (17 hrs.)**

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
EENG 4115	Senior Design I
ENGR 4109	Senior Seminar
EENG 4310	Electric Power Systems
EENG 4312	Communications Theory
ENGR 4009	FE Exam Preparation
	Technical Elective
	Engineering or Science Elective

Engineering/Science Elective: Course outside of Electrical engineering-- junior/senior level, may be utilized towards a minor

Second Semester (15 hrs.)

EENG 4315	Senior Design II
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
	Technical Elective
	Technical Elective

Creative Arts

Electrical Engineering Completion Curriculum

Students who have earned the Texas Associate of Science in Engineering Science degree from an ASAC/ABET accredited program at a participating community college with no grade lower than a "C" are eligible to pursue the Electrical Engineering Completion Program to earn a Bachelor of Science in Electrical Engineering. This pathway enables students to begin their engineering degree program at a participating community college and complete the degree at UT Tyler.

Course Requirements for Completion Curriculum**Junior Year****First Semester (15 hrs.)**

MATH 3203	Matrix Methods in Science and Engineering
MATH 3351	Probability and Statistics for Engineers and Scientists
EENG 3303	Electromagnetic Fields
EENG 3305	Linear Circuits Analysis II
EENG 3306	Electronic Circuit Analysis I
EENG 3106	Electronics Circuits Analysis I Lab

Second Semester (16 hrs.)

ENGR 3314	Design Methodology in Engineering
EENG 4308	Automatic Control Systems

EENG 3307	Microprocessors
EENG 4309	Electronic Circuits Analysis II
EENG 4109	Electronic Circuit Analysis II Lab
EENG 4311	Signals and Systems

Senior Year**First Semester (17 hrs.)**

POLS 2305	Introductory American Government [TCCN: GOVT 2305]
ENGR 4109	Senior Seminar
EENG 4115	Senior Design I
EENG 4310	Electric Power Systems
EENG 4312	Communications Theory

Technical Elective

Engineering or Science Elective

ENGR 4009: FE Exam Preparation

Second Semester (15 hrs.)

EENG 4315	Senior Design II
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]

Creative Arts

Technical Elective

Technical Elective

Department of Mechanical Engineering

Dr. M. Sathyamoorthy, Interim Chair

Mechanical Engineering is one of the broadest of the engineering disciplines, and mechanical engineers find themselves engaged in a wide variety of industrial and business operations. Computer-aided design and analysis, thermal and fluid systems, manufacturing processes and control, bioengineering, aerospace systems, and instrumentation are several of the many areas that require mechanical engineering skills. Graduates with bachelor's degrees in mechanical engineering work in all types of organizations, from large corporations to government offices to small consulting firms. Entry-level positions include engineering design, testing, manufacturing, maintenance, and sales. With experience, mechanical engineers may become managers of large engineering projects, plant managers, owners of their own firms, or executives in large corporations. The bachelor's degree also provides a solid foundation for graduate study.

The Department of Mechanical Engineering offers programs leading to the Bachelor of Science in Mechanical Engineering and the Master of Science in Mechanical Engineering. The baccalaureate degree program can be completed through study in Tyler or at the Houston Engineering Center in Houston, TX.

The Mechanical Engineering baccalaureate program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

Mechanical Engineering B.S.

Mission Statement

The Mechanical Engineering Department is committed to producing graduates who are sought after by employers and graduate schools in the region, state, and nation. In both the undergraduate and graduate programs the department stresses the development of strong professional knowledge, critical thinking, and communication skills. The faculty seeks to create and disseminate new knowledge in engineering and

engineering education, and to be a source of expertise for industry and government, while maintaining a balance between education, research, and service.

Program Educational Objectives

Educational objectives of the mechanical engineering program are the knowledge, skills, and experiences that enable graduates to:

1. formulate and solve complex practical and theoretical engineering problems, while at the same time understanding business objectives and appreciating the social, economic, and ethical issues encountered in a modern global society
2. think critically and creatively, work effectively on interdisciplinary teams and communicate clearly in both technical and non-technical forums
3. be professionally employed, serving the rapidly changing technological needs of industry or governmental organizations regionally in East Texas or throughout the state and nation
4. continue to grow professionally through activities such as pursuing formal graduate study, research, or continuing education; achieving professional licensure; and participating in technical societies.

Student Outcomes

Mechanical Engineering students at the time of graduation are expected to:

1. be able to apply science, mathematics, and modern engineering tools and techniques to identify, formulate, and solve engineering problems
2. be able to design thermal/fluid, mechanical, and electro-mechanical components or systems, individually or on interdisciplinary teams, and effectively communicate those designs in both technical and non-technical forums
3. be able to collect, analyze, and interpret data from prescribed and self-designed experimental procedures and formally communicate the results
4. be able to apply a broad-based educational experience to understand the interaction of engineering solutions with contemporary business, economic, and social issues
5. recognize that ethical behavior and continuous acquisition of knowledge are fundamental attributes of successful mechanical engineering professionals
6. pass the Fundamentals of Engineering examination.

Graduation Requirements

Upon a student's admission to the Mechanical Engineering major, an engineering faculty member will serve as the student's academic advisor to work with the student in planning a program to complete degree requirements. Students are encouraged to meet with their advisor throughout the semester and are required to meet with their advisor prior to registering for the next semester.

To graduate with a Bachelor of Science degree in Mechanical Engineering, the student must:

1. earn a grade of "C" or better in all courses used to meet degree requirements,
2. complete the general baccalaureate degree requirements for the university,
3. complete the Mechanical Engineering curriculum requirements specified in the following sections,
4. pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering examination. A student may petition for a waiver of this graduation requirement if

other criteria are satisfied in lieu of this requirement. The student should consult with his or her academic advisor in this regard.

Detailed information about the FE exam content, exam schedule, registration for the exam, and review sessions is available at www.ncees.org.

Course Requirements (128 hrs.)

Freshman Year

First Semester (16 hrs.)

CHEM 1311	General Chemistry I [TCCN: CHEM 1311]
CHEM 1111	General Chemistry I Laboratory [TCCN: CHEM 1111]
ENGL 1301	College Composition I [TCCN: ENGL 1301]
MATH 2413	Calculus I [TCCN: MATH 2413]
SPCM 1315	Fundamentals of Speech Communication [TCCN: SPCH 1315]
ENGR 1201	Introduction to Engineering

Second Semester (16 hrs.)

PHYS 2325	University Physics I [TCCN: PHYS 2325]
PHYS 2125	University Physics I Laboratory [TCCN: PHYS 2125]
MATH 2414	Calculus II [TCCN: MATH 2414]
MENG 1201	Mechanical Engineering I
ENGL 1302	College Composition II [TCCN: ENGL 1302]
	Creative Arts

Sophomore Year

First Semester (15 hrs.)

PHYS 2326	University Physics II [TCCN: PHYS 2326]
PHYS 2126	University Physics II Laboratory [TCCN: PHYS 2126]
MATH 3404	Multivariate Calculus
MENG 2201	Mechanical Engineering II
ENGR 2301	Engineering Mechanics: Statics
MATH 3203	Matrix Methods in Science and Engineering
	or
MATH 3315	Linear Algebra and Matrix Theory

Second Semester (15 hrs.)

MATH 3305	Ordinary Differential Equations
MENG 3319	Materials Science and Manufacturing
ECON 2302	Principles of Microeconomics [TCCN: ECON 2302]
ENGR 2302	Engineering Mechanics: Dynamics
HIST 1302	United States History II [TCCN: HIST 1302]

Junior Year

First Semester (17 hrs.)

MENG 3301	Thermodynamics I
MENG 3306	Mechanics of Materials
MENG 3310	Fluid Mechanics
MENG 3303	Dynamics of Machinery
MENG 3210	Mechanical Engineering Laboratory I
MATH 3351	Probability and Statistics for Engineers and Scientists

Second Semester (17 hrs.)

MENG 3304	Thermodynamics II
MENG 3316	Heat Transfer
MENG 3309	Mechanical Systems Design
MENG 3211	Mechanical Engineering Laboratory II

ENGR 3314	Design Methodology in Engineering
EENG 3304	Linear Circuits Analysis I

Senior Year**First Semester (17 hrs.)**

MENG 4115	Senior Design I
MENG 4312	System Dynamics and Control
MENG 4313	Thermal/Fluid Systems Design
HIST 1301	United States History I [TCCN: HIST 1301]
POLS 2305	Introductory American Government [TCCN: GOVT 2305]
	Technical Elective
ENGR 4109	Senior Seminar

Second Semester (15 hrs.)

MENG 4315	Senior Design II
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306]
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]
	Technical Elective
	Technical Elective

ENGR 4009 FE Exam Prep

A list of courses from which the student may select appropriate electives should be obtained from the department chair.

Concentration in Control Engineering

The Concentration pathway in the Mechanical Engineering Program is designed to provide students with knowledge in controls areas needed in automotive, aerospace, and chemical industries.

Concentration Requirements - 9 Semester Credit Hours**Required Course**

MENG 4312	System Dynamics and Control
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Electives

Two courses must be selected from this list:

MENG 4325	Digital Control of Mechanical Systems
MENG 4330	Process Control & Automation
EENG 4308	Automatic Control Systems
EENG 4316	Digital Control Systems

Concentration in Control Engineering

The Concentration pathway in the Mechanical Engineering Program is designed to provide students with knowledge in controls areas needed in automotive, aerospace, and chemical industries.

Concentration Requirements - 9 Semester Credit Hours**Required Course**

MENG 4312	System Dynamics and Control
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Electives

Two courses must be selected from this list:

MENG 4325	Digital Control of Mechanical Systems
MENG 4330	Process Control & Automation
EENG 4308	Automatic Control Systems
EENG 4316	Digital Control Systems

Mechanical Engineering Completion Curriculum

Students who have earned the Texas Associate of Science in Engineering Science degree from an ASAC/ABET accredited program at a participating community college, with an overall GPA of at least 2.50/4.00 and with no grade lower than "C" are eligible to pursue the Mechanical Engineering Completion Program to earn a Bachelor of Science in Mechanical Engineering. This pathway enables a student to begin their engineering degree program at a participating community college and complete the degree at UT Tyler.

Course Requirements for Completion Curriculum**Junior Year****First Semester (17 hrs.)**

MENG 3301	Thermodynamics I
MENG 3306	Mechanics of Materials
MENG 3310	Fluid Mechanics
MENG 3303	Dynamics of Machinery
MENG 3210	Mechanical Engineering Laboratory I
MATH 3351	Probability and Statistics for Engineers and Scientists

Second Semester (17 hrs.)

MENG 3304	Thermodynamics II
MENG 3316	Heat Transfer
MENG 3309	Mechanical Systems Design
MENG 3211	Mechanical Engineering Laboratory II
MENG 3319	Materials Science and Manufacturing
ENGR 3314	Design Methodology in Engineering

Senior Year**First Semester (17 hrs.)**

MENG 4115	Senior Design I
MENG 4312	System Dynamics and Control
MENG 4313	Thermal/Fluid Systems Design
HIST 1302	United States History II [TCCN: HIST 1302]
ENGR 4109	Senior Seminar
MATH 3203	Matrix Methods in Science and Engineering
	or
MATH 3315	Linear Algebra and Matrix Theory
	Technical Elective

Second Semester (15 hrs.)

MENG 4315	Senior Design II
POLS 2305	Introductory American Government [TCCN: GOVT 2305]
PHIL 2306	Introduction to Ethics [TCCN: PHIL 2306]

Technical Elective (6 hrs.)

ENGR 4009 FE Exam Prep

COLLEGE OF NURSING AND HEALTH SCIENCES

Dr. Yong "Tai" Wang, Dean

Mission

The mission of the College of Nursing and Health Sciences is consistent with the mission of the University of Texas at Tyler. Graduates are prepared for leadership roles in the health professions and movement sciences. The graduates practice in a variety of complex, continually changing environments. Emphasis is placed on critical thinking, lifelong learning, competence, ethics, and altruism.

Department of Health and Kinesiology

Dr. David Criswell, Chair

The Mission of the Department of Health and Kinesiology is to prepare students for success in the fields of health and the movement sciences. Further, the department aims to optimize human performance and promote healthy living through excellence in research and community outreach.

The Department offers studies that prepare for a variety of careers related to health, education, exercise science, athletic training, fitness and other fields. Specific undergraduate degrees offered are: Bachelor of Science (B.S.) in Health Studies, Bachelor of Science (B.S.) in Kinesiology and Bachelor of Arts (B.A.) in Health and Kinesiology. Aims and requirements of each of the Department's undergraduate degrees are described below in this section of the catalog. The graduate degree programs are described under Department of Health and Kinesiology in the graduate section of this catalog.

A student pursuing studies in health or kinesiology should be aware that requirements other than those of the Department may apply, including requirements listed in the following sections of this catalog: Undergraduate Academic Policies, including Undergraduate Admission Requirements and General Baccalaureate Degree Requirements; requirements for teacher certification, under School of Education; and Graduate Policies and Programs.

Health Studies B.S.

Total Semester Credit Hours = 120

The mission of the B.S. Degree Program in Health Studies is to prepare students for professional careers or advanced studies in health-related fields. The Program provides two tracks, the Community and Health Education Track and the Health Policy Track. Both tracks share a core of courses that provides graduates with an understanding of a wide range of health-related topics, including:

- diseases and their causes, distributions, risk factors and prevention;
- various systems of health care delivery; and
- assessment and evaluation of health programs.

In addition, the Community and Health Education Track emphasizes health education and promotion in the community/global setting, and the Health Policy Track emphasizes administrative aspects of health care and health promotion. The B.S. Health Studies Program may be used (a) to prepare for or to advance careers related to health care and health promotion in various public and private, clinical and non-clinical settings, or (b) to prepare for graduate studies in areas such as public and community health, health promotion, design and evaluation of health-related programs, and quantitative and qualitative data analysis.

To earn the B.S. Degree in Health Studies, the student must:

- complete the University's general baccalaureate degree requirements;
- complete the Departmental curriculum requirements (shown below); and
- be awarded a grade of C or better in all courses used to meet degree requirements.

In addition, completion of the Community and Health Education Track requires taking the Certified Health Education Specialist (CHES) examination. The CHES examination is offered twice each year, in April and October. A student expecting to complete the degree curriculum in May or August should take the CHES exam in April; a student expecting to complete the curriculum in December should take the CHES exam in October. More information about the CHES exam is available in the Office of the Department of Health and Kinesiology.

A student in this program is expected to commit to lifelong learning about medical, psychological, and social innovations, appreciate factors that positively influence health, model a personal commitment to a healthy lifestyle, nurture a desire to educate others about health, and develop high ethical standards.

Curriculum

University Core (42 hours)

The student must complete 8 hours of lab science in biology, chemistry, or physics (in addition to anatomy and physiology). The 2 hours of credit for these labs are not required to meet the University's core requirements but are a Departmental requirement. In the Language, Philosophy and Culture Area, PHIL 1301: Introduction to Philosophy is recommended.

Departmental Lower-Division Requirements (13 hours)

ALHS 1300	Personal and Community Wellness
BIOL 2301	Anatomy and Physiology I [TCCN: BIOL 2301]
BIOL 2101	Anatomy and Physiology I Laboratory [TCCN: BIOL 2101]
BIOL 2302	Anatomy and Physiology II [TCCN: BIOL 2302]
BIOL 2102	Anatomy and Physiology II Laboratory [TCCN: BIOL 2102]
	BIOL CHEM or PHYS Labs (2 hrs.)

Health Studies Core Courses (39 hours)

ALHS 3301	Environmental Health
ALHS 3302	Human Diseases
ALHS 3315	Nutrition in Health and Performance
ALHS 3360	Principles of Community and Public Health
ALHS 3362	Behavioral Health
ALHS 4304	Program Design and Evaluation
ALHS 4306	The Health Care Delivery System
ALHS 4320	Principles of Epidemiology
ALHS 4326	Health and Human Sexuality
ALHS 4335	Global Health
HECC 4308	Ethics
HECC 4333	Tests and Measurements
HECC 4370	Internship

Community and Health Education Track Required Courses (26 hrs.)

1. MCOM 2311 Writing for Mass Media
2. Three hours selected from the following: SPCM 3322, SPCM 3325, SPCM 4326 or SPCM 4331
3. Four hours of Kinesiology courses selected from the following: KINE 3311 / KINE 3112; KINE 3331 / KINE 3132; or KINE 3334 / KINE 3135
4. Prescribed electives with approval of advisor (16 hours)

Health Policy Track (26 hrs.)

1. MCOM 2311 Writing for Mass Media
POL 3340 Introduction to Public Administration
POL 3345 Urban and Municipal Government
POL 4335 Comparative Health Systems
POL 4345 Public Policy Analysis
2. Three hours selected from the following: SPCM 3322, SPCM 3325, SPCM 4326 or SPCM 4331
3. Four hours of Kinesiology courses selected from the following: KINE 3311 / KINE 3112; KINE 3331 / KINE 3132; or KINE 3334 / KINE 3135
4. Prescribed electives with approval of advisor (4 hours)

Teacher Certification

Health is an option for all-level (EC-12) teacher certification in Texas. For further information see advisors in the Department of Health and Kinesiology and the School of Education.

Kinesiology B.S.**Total Semester Credit Hours=120**

The Bachelor of Science Degree Program in Kinesiology offers teacher-certification and non-certification options. The mission of the teacher-certification option is to prepare for Texas State certification to teach physical education at all levels from Early Childhood through Grade 12. The mission of the non-certification option is to prepare for entry-level positions related to exercise in clinical, business or other settings, or to prepare for post-baccalaureate professional (e.g., physical therapy, occupational therapy, medicine) or graduate studies related to exercise science. The non-certification option may be used to prepare for the State examination for licensing as an athletic trainer in Texas. A student wanting to pursue the Texas athletic trainer license should consult with an academic advisor early in the program. Such students must complete other State licensing requirements in addition to the courses listed

below, including apprenticeships under the supervision of licensed or certified athletic trainers.

To earn the B.S. Degree in Kinesiology the student must:

- complete the University's general baccalaureate degree requirements;
- complete the Departmental curriculum requirements (shown below); and
- be awarded a grade of C or better in all courses used to meet degree requirements.

Curriculum**University Core (42 hours)**

The student must complete 8 hours of lab science in biology, chemistry or physics (in addition to anatomy and physiology). The 2 hours of credit for these labs are not required to meet the University's core requirements but are a Departmental requirement.

Department Lower-Division Requirements (16 hours)

ALHS 1300	Personal and Community Wellness
BIOL 2301	Anatomy and Physiology I [TCCN: BIOL 2301]
BIOL 2101	Anatomy and Physiology I Laboratory [TCCN: BIOL 2101]
BIOL 2302	Anatomy and Physiology II [TCCN: BIOL 2302]
BIOL 2102	Anatomy and Physiology II Laboratory [TCCN: BIOL 2102]
KINE 2337	Care and Prevention of Athletic Injuries BIOL CHEM or PHYS Labs (2 hrs.)

Generic Kinesiology Curriculum**1. Kinesiology Core (33 hrs.)**

HECC 4308	Ethics
HECC 4370	Internship
KINE 3303	Motor Development
KINE 3306	Fitness Assessment Skills
KINE 3311	Physiology of Exercise
KINE 3112	Physiology of Exercise Laboratory
KINE 3331	Human Motor Control and Learning
KINE 3132	Human Motor Control and Learning Laboratory
KINE 3334	Biomechanics and Anatomical Kinesiology
KINE 3135	Biomechanics and Anatomical Kinesiology Laboratory
KINE 4304	Principles of Training: Endurance
KINE 4305	Principles of Training: Strength and Power
KINE 4321	Sports Nutrition

2. Cognate Courses (29 hrs.)

- Three hours selected from the following: ALHS 3302, ALHS 3352, ALHS 3362, or ALHS 4320
- 26 hours of prescribed electives with advisor approval. Pre-professional students (e.g., pre-physical therapy, pre-med, pre-occupational therapy) should use these hours as much as possible to complete prerequisites for post-baccalaureate professional programs. In selecting electives, attention must be given to the University's requirement of at least 42 upper-division hours for completion of a baccalaureate degree.

Athletic Training Curriculum**1. Kinesiology Core (49 hrs.)**

KINE 3102	Clinical Experiences in Athletic Training I
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KINE 3103	Clinical Experiences in Athletic Training II
KINE 3301	Assessment of Athletic Injuries I: Lower Extremity
KINE 3302	Assessment of Athletic Injuries II: Upper Extremity
KINE 3303	Motor Development
KINE 3306	Fitness Assessment Skills
KINE 3311	Physiology of Exercise
KINE 3112	Physiology of Exercise Laboratory
KINE 3331	Human Motor Control and Learning
KINE 3132	Human Motor Control and Learning Laboratory
KINE 3334	Biomechanics and Anatomical Kinesiology
KINE 3135	Biomechanics and Anatomical Kinesiology Laboratory
KINE 3342	Therapeutic Modalities for Athletic Trainers
KINE 4101	Clinical Experiences in Athletic Training III
KINE 4102	Clinical Experiences in Athletic Training IV
KINE 4304	Principles of Training: Endurance
KINE 4305	Principles of Training: Strength and Power
KINE 4321	Sports Nutrition
HECC 4308	Ethics
HECC 4370	Internship
HECC 4371	Internship

2. Cognate Course (13 hrs.)

- Three hours selected from the following: ALHS 3302, ALHS 3352, ALHS 3362, or ALHS 4320
- 10 hours of prescribed electives with advisor approval

Physical Education Teacher Certification Curriculum

1. Kinesiology Core (21 hrs.)

HECC 4308	Ethics
KINE 3303	Motor Development
KINE 3306	Fitness Assessment Skills
KINE 3311	Physiology of Exercise
KINE 3112	Physiology of Exercise Laboratory
KINE 3331	Human Motor Control and Learning
KINE 3132	Human Motor Control and Learning Laboratory
KINE 3334	Biomechanics and Anatomical Kinesiology
KINE 3135	Biomechanics and Anatomical Kinesiology Laboratory

2. Cognate Course (17 hrs.)

ALHS 3315	Nutrition in Health and Performance
ALHS 4317	Theoretical and Clinical Aspects of Weight Management
ALHS 4324	Drugs and Health
ALHS 4333	Stress Management
HECC 4353	Program Organization and Administration

2 hours of electives approved by advisor

3. Educator Preparation Courses (24 hrs.)

Phase I:

EDUC 1301 Introduction to the Teaching Profession
 EPSY 3340 Educational Psychology: Adolescent Development & Learning

Phase II:

KINE 4308 Adaptive Physical Education
 EDUC 4320 Teaching Skills for the Secondary Teacher

Phase III:

EDFB 4338 Literacy in the Content Area
 PYED 4340 Teaching Methods in Physical Education

Phase IV:

EDUC 4640 Student Teaching EC-12
 EDUC 4057 Capstone Seminar

Health and Kinesiology B.A. with a Minor in Entrepreneurship

Total Semester Credit Hours=120

The mission of the Bachelor of Arts Degree Program in Health and Kinesiology with a Minor in Entrepreneurship is to develop understanding of health, kinesiology and the business skills necessary to become an entrepreneur. This program prepares students for entry-level careers in health- and exercise-related professions, including positions in clinical, public and business settings, and provides them with the skill set necessary to become an entrepreneur in a health- and/or exercise-related field.

To graduate with a Bachelor of Arts degree in Health and Kinesiology, the student must:

1. complete the University's baccalaureate degree requirements;
2. complete the Departmental curriculum requirements (shown below); and
3. be awarded a grade of C or better in all courses used to meet degree requirements.

Curriculum

University Core (42 hours)

The student must complete 8 hours of lab science in biology, chemistry, or physics (in addition to anatomy and physiology). The 2 hours of credit for these labs are not required to meet the University's core requirements but are a Departmental requirement. ECON 1301: Introduction to Economics is required for the Minor in Entrepreneurship and meets the social and behavioral sciences requirement of the University core curriculum.

Departmental Lower-Division Requirements (13 hours)

ALHS 1300	Personal and Community Wellness
BIOL 2301	Anatomy and Physiology I [TCCN: BIOL 2301]
BIOL 2101	Anatomy and Physiology I Laboratory [TCCN: BIOL 2101]
BIOL 2302	Anatomy and Physiology II [TCCN: BIOL 2302]
BIOL 2102	Anatomy and Physiology II Laboratory [TCCN: BIOL 2102]
	BIOL CHEM or PHYS Labs (2 hrs.)

Health and Kinesiology Core Courses (39 hours)

ALHS 3302	Human Diseases or
ALHS 4320	Principles of Epidemiology
ALHS 3352	Consumer Health

ALHS 3360	Principles of Community and Public Health
ALHS 4304	Program Design and Evaluation
HECC 4308	Ethics
HECC 4370	Internship
KINE 3303	Motor Development
KINE 3306	Fitness Assessment Skills
KINE 3311	Physiology of Exercise
KINE 3112	Physiology of Exercise Laboratory
KINE 3331	Human Motor Control and Learning
KINE 3132	Human Motor Control and Learning Laboratory
KINE 3334	Biomechanics and Anatomical Kinesiology
KINE 3135	Biomechanics and Anatomical Kinesiology Laboratory
KINE 4305	Principles of Training: Strength and Power

ALHS 3352 Consumer Health will substitute for MARK 3350 Consumer Behavior for the Minor in Entrepreneurship

Cognate Courses (26 hours)

Electives (5 hours approved by advisor)

21 hours of Business courses:

ACCT 3300	Accounting and Finance for Small Business and Entrepreneurs
MANA 4345	E-Commerce
TECH 2323	Introduction to Computer Applications
MANA 3311	Fundamentals of Management
MANA 3325	Entrepreneurship
MANA 4320	New Venture Planning
MARK 3311	Principles of Marketing

Health Studies or Kinesiology Minor

Health studies or kinesiology may be chosen as a minor to satisfy certain baccalaureate degree programs with majors in other fields. The courses normally required for a minor in health studies (18 hours) and a minor in kinesiology (18 hours plus eight semester hours of anatomy and physiology) are listed below. A student desiring to pursue a minor in health studies with a major in psychology or nursing should see an adviser in Health and Kinesiology for an alternate curriculum prior to starting pursuit of the minor.

Curriculum

Health Studies Minor

ALHS 3302	Human Diseases
ALHS 3362	Behavioral Health
ALHS 4304	Program Design and Evaluation
ALHS 4306	The Health Care Delivery System
HECC 4308	Ethics
HECC 4333	Tests and Measurements

Kinesiology Minor

BIOL 2301	Anatomy and Physiology I [TCCN: BIOL 2301]
BIOL 2101	Anatomy and Physiology I Laboratory [TCCN: BIOL 2101]
BIOL 2302	Anatomy and Physiology II [TCCN: BIOL 2302]
BIOL 2102	Anatomy and Physiology II Laboratory [TCCN: BIOL 2102]
KINE 3306	Fitness Assessment Skills
KINE 3311	Physiology of Exercise
KINE 3112	Physiology of Exercise Laboratory

KINE 3331	Human Motor Control and Learning
KINE 3132	Human Motor Control and Learning Laboratory
KINE 3334	Biomechanics and Anatomical Kinesiology
KINE 3135	Biomechanics and Anatomical Kinesiology Laboratory

Elective(s) approved by advisor (3 hrs.)

Nursing

The College of Nursing and Health Sciences offers the Bachelor of Science in Nursing (BSN) Degree for beginning and licensed (RN and LVN) students. Upon successful completion of the BSN curriculum at the Tyler, Longview, or Palestine campus, graduates are eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

Objectives

The College's nursing graduates address the challenges of a dynamic health care delivery system by initiating resourceful solutions for health promotion, risk reduction, and disease management.

Based on the philosophy and mission statements of both the university and the College of Nursing and Health Sciences, the following behaviors reflect expected outcomes (terminal objectives) for the nursing program. Graduates of the baccalaureate nursing program should be able to:

1. Integrate knowledge from the biological and behavioral sciences, and humanities to foster a commitment to life-long learning and professional development;
2. Utilize basic organizational and system leadership to coordinate and assume accountability for quality patient care;
3. Synthesize nursing research findings with other relevant information from the scientific and humanistic disciplines to facilitate evidence-based practice;
4. Integrate the use of technology and information systems to facilitate delivery of comprehensive care;
5. Demonstrate basic knowledge of healthcare policy, finance, and regulatory environments;
6. Advocate for patient centered care through inter- and intra-professional collaboration to reflect human caring while providing care to diverse populations across the lifespan;
7. Integrate health promotion and disease prevention at the individual and population level to improve health outcomes;
8. Demonstrate professional values based on historical, moral, ethical, and legal aspects of nursing practice responding to global health needs;
9. Synthesize skills, knowledge and attitudes required to provide holistic, evidence-based patient-centered care to diverse populations across the health care continuum.

Advisement and Counseling

Appointments with pre-nursing advisors may be scheduled by accessing the following web site for the main campus at <http://www.uttyler.edu/nursing/college/undergraduate/index.php> and for the distance campuses call Longview Campus 903-663-8223; and Palestine Campus 903-723-2308.

Prerequisites

All students must complete the Texas core curriculum requirements and prerequisite nursing courses with a grade of “C” or better and a minimum GPA of 2.75 (4.0 basis) in order to be considered for admission. Prerequisite courses required for all BSN tracks include:

Physical and Biological Sciences

anatomy and physiology	8 hours
chemistry with laboratory	4 hours
microbiology or bacteriology	4 hours
nutrition	3 hours

Social Sciences and Humanities

life span growth and development	3 hours
general (intro) psychology	3 hours

Mathematics

statistics	3 hours
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Admission Policy

Full Admission

Students are considered for full admission to the undergraduate nursing program if all the core curriculum requirements and the nursing prerequisite courses are completed with a minimum grade point average of 2.75, and all transcripts are on file in the Admissions Office.

Students will apply and submit all required documents through the NursingCas online application system.

Conditional Admission

Students are eligible for conditional admission to the undergraduate nursing program if there are no more than five (5) outstanding prerequisite courses required to complete the core curriculum and nursing prerequisites by the deadline, have a cumulative GPA of 2.75 on the core curriculum and nursing prerequisites and a minimum GPA of 2.75 on all nursing prerequisites. Application is made through the NursingCas online application system.

Achievement Examinations

Achievement examinations will be administered throughout the nursing program. In addition to fulfilling the academic requirements of the university and the Nursing program, all students must take a comprehensive achievement examination in the final semester of the nursing program.

Expenses of the Nursing Program

In addition to general university tuition and fees, the student majoring in nursing assumes financial responsibility for payment of criminal background check, urine drug screen, uniforms, malpractice insurance, and clinical accessories. In the final semester of study the student is required to pay fees for the application to take the NCLEX-RN and the application for licensure. Go to www.bon.state.tx.us for information on current fee structure. The fee schedule for Pearson Vue, the testing center for the NCLEX-RN, is available at <https://www.ncsbn.org/2911.htm>.

Upon admission to the nursing program all students must submit evidence of the following: (1) current immunizations- MMR, hepatitis B series (3 injections), tetanus, diphtheria, pertussis (2) TB screening (updated on a yearly basis) (3) American Heart Association Healthcare Provider CPR, and (4) professional liability insurance purchased through the College of Nursing and Health Sciences.

The student must also provide her/his own transportation to health care agencies. Driving distances will vary; clinical assignments will be based on availability of learning experiences.

Nursing B.S.N.

Total Semester Credit Hours =120

Suggested Lower-Division Curriculum Flow

Core Curriculum Requirements and Nursing Prerequisites:

Freshman Year

First semester (13 hrs.)

CHEM 1305	Introductory Chemistry I [TCCN: CHEM 1305]
CHEM 1105	Introductory Chemistry I Laboratory [TCCN: CHEM 1105]
HIST 1301	United States History I [TCCN: HIST 1301]
POLS 2305	Introductory American Government [TCCN: GOVT 2305] Communication (3 hrs.)

CHEM 1305 and CHEM 1105: Required science courses must be taken in the sequence outlined above in order to fulfill the requirements.

Second semester (16 hrs.)

BIOL 2320	Introduction to Microbiology [TCCN: BIOL 2320]
BIOL 2120	Introduction to Microbiology Laboratory [TCCN: BIOL 2120]
HIST 1302	United States History II [TCCN: HIST 1302]
POLS 2306	Introductory Texas Politics [TCCN: GOVT 2306] Communication (3 hrs.) Life and Physical Sciences (3 hrs.)

BIOL 2320 and BIOL 2120: Required science courses must be taken in the sequence outlined above in order to fulfill the requirements.

Sophomore Year

First semester (16 hrs.)

BIOL 2301	Anatomy and Physiology I [TCCN: BIOL 2301]
BIOL 2101	Anatomy and Physiology I Laboratory [TCCN: BIOL 2101]
PSYC 1301	Introduction to Psychology
MATH 1342	Statistics [TCCN: MATH 1342] Human Expression (3 hrs.) Language, Philosophy and Culture (3 hrs.)

BIOL 2301 and BIOL 2101: Required science courses must be taken in the sequence outlined above in order to fulfill the requirements.

Second semester (16 hrs.)

BIOL 2302	Anatomy and Physiology II [TCCN: BIOL 2302]
BIOL 2102	Anatomy and Physiology II Laboratory [TCCN: BIOL 2102]

ALHS 3315 Nutrition in Health and Performance
 PSYC 2320 Lifespan Developmental Psychology
 Creative Arts (3 hrs.)
 Lower Division Elective

At this point, the student may apply for admission to the nursing program. Applicants accepted to the nursing program must follow the course sequence outlined below plus fulfill general baccalaureate degree requirements of UT Tyler. A minimum grade of "C" must be obtained in each required course.

BSN Degree Requirements

Junior Year

The following courses must be successfully completed prior to admission to the nursing program (5 hrs.):

NURS 3303 Pathophysiology of Acute Care
 NURS 3205 Nursing Concepts and Theories

Semester I (12 hrs.)

NURS 3307 Pharmacological Basis for Nursing
 NURS 3310 Health Assessment
 NURS 3603 Nursing Competencies

Semester II (14 hrs.)

NURS 3333 Nursing Research
 NURS 3611 Medical/Surgical Nursing I
 NURS 3513 Psychiatric/Mental Health Nursing

Senior Year

Semester III (15 hrs.)

NURS 4212 Gerontological Nursing
 NURS 4632 Medical/Surgical Nursing II
 NURS 4723 Family Health

Semester IV (13 hrs.)

NURS 4234 Issues in Professional Nursing
 NURS 4501 Community Nursing
 NURS 4631 Nursing Leadership and Management

Accelerated BSN Curriculum

The Accelerated BSN track is designed for students who wish to pursue a Bachelor of Science Degree in Nursing (BSN) in 16 months. The track is only available on the Tyler campus and admission is every spring. This highly competitive 16-month track is an intense program for motivated individuals who aspire to begin their professional career as soon as possible. The program is a fast-paced curriculum that requires on campus classes and clinical experiences in a variety of settings. Students must be able to attend full time.

UT Tyler students are exposed to a variety of structured and unstructured clinical experiences interacting with patient populations ranging in age from the newborn to the very aged. Graduates are prepared to take the National Licensure Certification Exam for Registered Nurses and to assume RN role responsibilities in any area of healthcare and to continue the study of nursing at the masters and doctoral levels.

Applicants must meet Texas core curriculum requirements and successfully complete all nursing pre-requisite courses with a grade of C or better. The minimum GPA requirement is 3.0 for the Texas core requirements and nursing prerequisites.

Accelerated BSN Degree Requirements

Spring Semester (8 hrs.)

NURS 3303 Pathophysiology of Acute Care

NURS 3307 Pharmacological Basis for Nursing
 NURS 3205 Nursing Concepts and Theories

Semester I Summer (9 hrs.)

NURS 3310 Health Assessment
 NURS 3603 Nursing Competencies

Semester II Fall (14 hrs.)

NURS 3333 Nursing Research
 NURS 3611 Medical/Surgical Nursing I
 NURS 3513 Psychiatric/Mental Health Nursing

Semester III Spring (15 hrs.)

NURS 4212 Gerontological Nursing
 NURS 4632 Medical/Surgical Nursing II
 NURS 4723 Family Health

Semester IV Summer (13 hrs.)

NURS 4234 Issues in Professional Nursing
 NURS 4501 Community Nursing
 NURS 4631 Nursing Leadership and Management

MINE Option: Baccalaureate Degree in Nursing

RN Option

The Mobility in Nursing Education (MINE) option is designed for registered nurses (ADN or diploma) as an alternative and accelerated educational program for the baccalaureate degree. The curriculum is constructed to augment prior learning and professional experiences of the RN. The program is offered totally on-line to allow the RN the opportunity to attend school while still working. Clinical experiences in NURS 4501 and NURS 4631 are structured to enhance previous learning and develop higher levels of critical thinking as a BSN prepared registered nurse.

The curriculum flow is designed for the RN to complete the degree requirements in 12 months of full time study (2 regular academic semesters and 1 summer). Part time study is an option for those who cannot take a full semester of course work. All the RN-BSN courses are web based offerings.

The RN enrolled in the MINE option is awarded 30 SCH of advanced placement credit with successful completion of all requirements. For the RN seeking to graduate with honors, an additional 15 SCH must be taken in order to meet the University requirement of completing 45 SCH at UT Tyler to graduate with honors (see graduation with honors requirements). If the RN applicant wishes to transfer a nursing course from another university that is equivalent to those required at UT Tyler, they must notify the pre-nursing advisor and consideration will be made as to course equivalency.

RN-BSN/MSN Licensure Requirement

All Registered Nurses in the MINE track must have a current, active license in the state in which they reside and practice in order to be eligible to complete the required curriculum.

Semester I (12 hrs.)

NURS 3303 Pathophysiology of Acute Care
 NURS 3312 Health Assessment for Registered Nurses
 NURS 3415 Professional Development for the RN
 NURS 4212 Gerontological Nursing

Semester II (11 hrs.)

NURS 3333 Nursing Research
 NURS 4234 Issues in Professional Nursing
 NURS 4631 Nursing Leadership and Management

Summer (8 hrs.)

NURS 4501 Community Nursing
Upper-Division Elective (3 hrs.)

Upper-division elective: must be taken at UT Tyler to meet residency requirements.

The RN-MSN Option

Registered nurses with an Associate Degree in Nursing (ADN) or a Diploma in Nursing may be eligible for early admission into the Master of Science degree program. Through a combination of prior credits in nursing education, college credits in liberal arts courses and upper division course work from the College of Nursing and Health Sciences, individuals may qualify to begin work toward the Master's degree and complete the requirements for the Bachelor of Science in Nursing (BSN) degree in the process. For more information concerning this degree program refer to the College of Nursing and Health Sciences graduate section of this catalog or contact the pre-nursing advisor at 903-565-5534.

LVN

The curriculum flow is designed for the LVN to complete the degree requirements in four academic semesters of full time study. Part time study is an option for those who cannot take a full semester of course work. The curriculum for the LVN is the same as that for the traditional nursing major. Attendance for classes and all clinical experiences is required.

BEN AND MAYTEE FISCH COLLEGE OF PHARMACY

Dr. Lane J. Brunner, Dean

The Ben and Maytee Fisch College of Pharmacy is a developing program at The University of Texas at Tyler. The program anticipates enrolling its first class of students in fall 2015. Students who graduate from the Ben and Maytee Fisch College will earn a doctor of pharmacy degree that qualifies them to sit for the national licensure examination. Those who successfully pass the licensure examination are qualified to work as a pharmacist.

Vision and Mission

Our vision is to be the preeminent college of pharmacy where leaders in pharmacy practice, education, scholarship, and public service are nurtured and developed to care for rural populations. We reach towards this vision through our mission of advancing public health and wellness in East Texas through innovation and collaboration in education, scholarship and advocacy.

Core Values

The faculty and staff of the Ben and Maytee Fisch College of Pharmacy embrace specific core values as part of our academic and professional culture. We use these core values to guide how we interact with students, practitioners, faculty, staff, and other members of our community. These core values are:

- Integrity – honesty, fairness, and respect for individual worth
- Optimism – supportive, positive, and hopeful
- Curiosity – inquisition, investigation, and discovery of the possible
- Accountability – transparency, responsibility, and commitment
- Leadership – inspiration, collaboration, and advocacy
- Initiative – purpose, innovation, and lifelong learning
- Development – growth, maturity, and cultivation

Doctor of Pharmacy Degree

The doctor of pharmacy program at the Ben and Maytee Fisch College of Pharmacy is a four-year professional doctorate degree program from which graduates will earn a doctor of pharmacy degree (Pharm.D.). The first three professional years are primarily based in the classroom and laboratory on campus at UT Tyler. The fourth professional year is an in-depth practice experience where students learn at pharmacy practice locations with community practitioners and faculty members.

Team-Based Learning

The Ben and Maytee Fisch College of Pharmacy will use an approach to classroom teaching that is different from the methods most students have encountered. Rather than having courses taught using traditional lectures, pharmacy students will actively engage in their learning by spending classroom time solving problems as part of a team. Students will come to the classroom prepared to work on cases related to the pharmacy profession and solve them using critical thinking and communication skills. This method of teaching and learning greatly

enhances comprehension of the content and the ability to use that content to immediately solve meaningful problems. More information about team-based learning can be found on Ben and Maytee Fisch College of Pharmacy website (<http://uttyler.edu/pharmacy/learning.php>).

Prerequisite Coursework

Successful completion of a minimum of two years of prerequisite coursework is required prior to starting the first professional year in the Ben and Maytee Fisch College of Pharmacy. The prerequisites are currently in development. Please check the UT Tyler website for the most current information regarding the prerequisite requirements (<http://uttyler.edu/pharmacy/prerequisites.php>).

Accreditation Status

Information on the College of Pharmacy accreditation status is available at: <http://www.uttyler.edu/pharmacy/accreditation.php>.

This program will be available “pending approval by the Southern Association of Colleges and Schools Commission on Colleges.”

UNIVERSITY COLLEGE

Dr. T. Scott Marzilli, Assistant Vice President for Academic Transformation and Student Success

Mission

The mission of the University College is consistent with the mission of The University of Texas at Tyler. The University College fosters student success through transformative curriculum, innovative technologies, and personalized academic support. The University College consists of the Department of Academic Success and the Department of Academic Transformation and offers the 100% online Bachelor of Applied Arts and Science (BAAS) degree completion program.

Department of Academic Success

Ashley Ward, Executive Director

The UT Tyler Office of Academic Success offers programs and services that are designed to improve individual performance and academic achievement through quality academic advising, peer tutoring programs and communities of learners grouped together by majors or interests.

These Academic Success programs and services exist primarily to provide academic advising to freshman and sophomore level students, and academic support and social integration to undergraduate students enrolled in freshman, sophomore and junior level courses.

Academic Advising

The Academic Advising Center provides excellence in advising while building relationships with students and supporting them in achieving their academic goals. The advising staff is committed to creating a supportive, student-friendly atmosphere; to encouraging students to set academic and career goals; to empowering students to reach their goals; and to providing individual academic guidance through quality advisement while maintaining confidentiality and honoring the dignity and potential of each student. For additional information, contact the Academic Advising Center at 903-565-5718 or visit us on-line at <http://www.uttyler.edu/advising>.

Academic Alert

Academic Alert is the early intervention program for UT Tyler and is designed to identify students who are experiencing academic difficulties in one or more courses. Staff works closely with the faculty, academic advisors and other departments on campus to monitor student progress and to ensure that they receive the full benefit of campus resources. At-risk students are contacted with the goal of helping them remain on track towards personal and academic success.

Supplemental Instruction (SI)

Supplemental Instruction (SI) is a series of weekly peer-assisted study sessions designed to support students in courses which have consistently proven to be difficult (high failure and withdrawal rates). Many freshman and sophomore level classes, especially in the math and science

areas, are among those supported through SI. The weekly study sessions are guided by an SI leader who is a current UT Tyler student and who has previously been successful in the class he/she is supporting. These leaders are given extensive training to be able to lead effective study sessions for the students they serve. The goal of every session is to focus not only on what students need to learn but also on learning the study skills that are necessary to succeed. UT Tyler students who participate regularly in SI have higher grades and course completion rates than those who do not participate. SI is a free service to UT Tyler students. Please visit us at www.uttyler.edu/si to see our complete listing of available sessions as well as the meeting days and times. For questions, please call 903-565-5567.

PASSages Program

The PASSages program is designed to help students achieve academic success. Students enrolling with ACT/SAT scores and high school rankings below UT Tyler's published admission criteria, and/or students enrolling as 'liable' or 'not satisfied' according to published state standards for TSI compliance, will be required to participate in the PASSages (Patriot Academic Success Services) program during their first semester of enrollment.

The program consists of four main components: (1) weekly seminars, (2) appointments with an Academic Advisor, (3) a maximum course load of 12 hours and (4) two required core classes. The seminar portion of PASSages is designed to provide valuable tools to aid in student success. It is a non-credit course and is considered a required part of the weekly schedule. There are multiple sections of the PASSages seminar, and these will be taken into consideration when planning semester schedules.

If, for some reason, a student fails to get enrolled in a PASSages seminar during their initial registration appointment, they will be automatically placed in the appropriate support program's associated course at the university's discretion. Students in this situation will be notified through Patriot email of this addition to their schedule. Failure to participate in the required program may result in additional registration and enrollment restrictions.

Mentoring and Advising Patriots for Success

Probationary or suspended students who are first-time freshmen will be required to participate and must enroll in an academic support program such as Mentoring and Advising Patriots for Success (MAPS) in the following semester. Failure to participate in the required program(s) may result in additional registration and enrollment restrictions. First-time freshmen will need to consult with their freshman advisor to plan an appropriate support program and to determine the steps necessary for compliance. A student who fails to comply by the deadline will be enrolled in the appropriate support program(s) associated course at the university's discretion and will receive notification via Patriot email.

PASS Tutoring Center

The PASS (Patriot Academic Success Services) Tutoring Center is a free walk-in tutoring center, with an individual appointment option, for current UT Tyler students. It is located in the University Center room 3114. The walk-in hours are Monday – Thursday 12PM – 8PM and Sunday 4PM – 8PM, and specific course hours are posted on our website each semester (www.uttyler.edu/tutoring). The subject areas and courses are chosen because of their historically high failure and withdrawal rates at UT Tyler.

Transfer Resource Center

The Transfer Resource Center provides transitional support and guidance to all transfer students. Academic advising services are provided to those students transferring to The University of Texas at Tyler with 30-60 credit hours. The primary goals of the Transfer Resource Center are to provide systematic, student-centered support to undergraduates transitioning to UT Tyler; to assist transfer students in developing meaningful educational and career goals; and to identify support services on campus which can help students achieve academic success. For additional information, contact the Transfer Resource Center at (903) 565-5785.

Student Learning Communities

Student Learning Communities (SLCs) are available in the fall semester for first-time freshmen and are composed of small groups of students with a common major or interest who take classes and a Freshman Year Experience class together. The supportive environment created in these learning communities brings students, faculty, and staff together to promote academic and social success. Freshmen may register for learning communities while registering for fall classes with Academic Advising.

For more information about Student Learning Communities, please visit <http://www.uttyler.edu/slc> or call (903) 565-5676.

Department of Academic Transformation

The Department of Academic Transformation supports the University's mission of being nationally recognized for its high quality education by working closely with faculty to maximize their teaching effectiveness regardless of mode of instructional delivery. The spirit of quality and service guide the department as we assist faculty in the design and delivery of courses as well as video production and classroom support services.

The department provides an ongoing faculty development program for course design, course delivery and teaching effectiveness through workshops, individual consultations, production services, online education and classroom support services. Support services are made available to distant learners and faculty to assist in providing a quality education.

Distribution of educational technology equipment for on-campus presentations is also provided at no charge for University-sponsored events. Non-University sponsored events may be assessed a fee for time and materials. Because of the frequency of equipment use, a reservation is required at least two days in advance.

Bachelor of Applied Arts and Sciences

Objectives

The BAAS degree program is a degree specifically for students looking to finish their 4-year degree in an academic environment that recognizes the importance of balancing family, work, and other commitments. The flexible degree plan utilizes transfer credit from community colleges and other universities to provide a shorter route to completing a bachelor's degree than many traditional programs. The BAAS curriculum focuses on 21st job skills such as creativity, leadership, and ethical decision making. Students have the option of pursuing one of five UT Tyler content areas which include Entrepreneurship, Retailing, Health Studies, Wellness, and Psychology.

Advisement

Please contact the BAAS advisor at (903) 565-5785 or BAAS@uttyler.edu to see how your credits would transfer into the degree and to map out a sound educational plan for your time at the University of Texas at Tyler.

Degree Requirements

Core Curriculum

Forty-two (42) semester credit hours of University Core Curriculum requirements. (See the Core Curriculum requirements section of this catalog.)

BAAS Electives (36 hours)

Students may transfer up to 36 hours of electives to satisfy this degree requirement.

For those students with less than 36 transferable electives, students have the opportunity to acquire up to 15 hours of college credit for their work experience through Prior Learning Assessment (PLA). PLA is the process by which an individual's learning that has been obtained through on-the-job experiences, corporate training, military training or experience, volunteer work, or self-guided study is evaluated for purposes of granting college credit. Through our partnership with the Council for Adult and Experiential Learning (CAEL), students will be given the opportunity to develop a PLA Portfolio that will be assessed for college credit.

BAAS Job Skills Course Sequence (18 hours)

This required 18-hour course sequence is as follows:
 UNIV 3331 Foundations in Creativity and Innovation
 UNIV 3332 Workplace Applications
 UNIV 3333 Foundations in Cultural Competence
 UNIV 3334 Professional Ethics
 UNIV 3335 Leadership Principles
 UNIV 3336 Professional Portfolio Ethics

UT Tyler Content Area (24 hours)

Students will take enough courses from the identified UT Tyler Content Areas to reach the 42-hour minimum of upper-division coursework needed to meet graduation requirements. Students are advised to complete at least one Content Area in its entirety. The available Content Areas are as follows:
 Entrepreneurship

Retailing
Health Studies
Wellness
Psychology

GRADUATE POLICIES AND PROGRAMS

William Geiger, Dean

The University of Texas at Tyler provides graduate courses and degree and certificate programs for persons seeking to continue their studies past the baccalaureate and offers the following graduate degrees and certificates:

Doctoral Programs

U. T. Tyler offers the Ph.D. in Nursing, an online degree program, and the Ph.D. in Human Resource Development, an on-campus traditional doctoral program.

Master of Accountancy

The objective of the Master of Accountancy (MAcc) degree program is to prepare students for careers in professional accounting in the public, corporate, not-for-profit or governmental sectors. It is flexible enough to accommodate applicants with an undergraduate degree in any discipline.

Master of Arts

Degree programs include majors in art, clinical mental health counseling, English, history, communication, interdisciplinary studies, political science, and school counseling. (The program in interdisciplinary studies provides the student the opportunity to focus on courses from at least three fields.)

Master of Business Administration

This program includes courses in accounting, economics, finance, management, and marketing.

Master of Education

Degree programs include majors in curriculum and instruction, educational leadership, health and kinesiology, reading, and special education.

Master of Public Administration

This non-thesis program includes courses in public management; public finance and budgeting; policy, analysis and evaluation, and research methods. In addition, an Executive Health Care Administration track is available for health professionals with three or more years of experience. Admission is highly selective.

Master of Science

Degree programs include majors in biology, civil engineering, clinical psychology, computer science, criminal justice, electrical engineering, human resource development, industrial management, interdisciplinary studies, kinesiology, mathematics, and mechanical engineering. The program in interdisciplinary studies provides the student the opportunity to focus on courses from at least three fields.

Master of Science in Nursing

This program provides a firm basis for doctoral level education with several options including administration, education, and nurse practitioner routes. The RN-MSN degree option also is offered for registered nurses who may be eligible for early admission into the nursing graduate program.

Master of Science in Nursing / Master of Business Administration

This coordinated degree option incorporates content in management, economics, finance and marketing into a framework for nursing service and health care administration.

Graduate Certificate Programs

Post-baccalaureate and post-master's certificate programs are offered in a limited number of fields. These programs are not part of a degree, however, coursework may be counted toward a degree with the approval of the College in which they are housed. Certificate programs are narrower in their focus than degrees and provide preparation in a specific field. Upon completion of the program the student is awarded a certificate in that field. The certificate is not the equivalent of a license or certification required for practice in the professions. The following certificate programs are offered:

Nursing Administration Certificate Program (p. 167): Refer to the College of Nursing and Health Sciences in the Graduate Section of this catalog for details.

Nursing Education Certificate Program (p. 167): Refer to the College of Nursing and Health Sciences in the Graduate Section of this catalog for details.

Nursing Informatics Certificate Program (p. 167): Refer to the College of Nursing and Health Sciences in the Graduate Section of this catalog for details.

Family Nurse Practitioner Certificate Program (p. 167): Refer to the College of Nursing and Health Sciences in the Graduate Section of this catalog for details.

Organizational Development and Leadership Certificate Program (p. 142): Refer to the College of Business and Technology in the Graduate Section of this catalog for details.

Lean Six Sigma Black Belt (p. 142): Refer to the College of Business and Technology in the Graduate Section of this catalog for details.

Supply Chain Management (p. 143): Refer to the College of Business and Technology in the Graduate Section of this catalog for details.

Executive Graduate Certificate in Engineering Management (EMGE) (p. 161): Refer to the College of Engineering in the Graduate Section of this catalog for details.

Graduate Policies

These policies apply to all graduate students unless otherwise stated. For policies specific to doctoral students and doctoral programs, refer to the Doctoral Policies section (p. 126).

Graduate Courses Taken by Undergraduates

An undergraduate student at UT Tyler may take a maximum of 6 graduate credit hours to apply toward a master's degree, subject to the following conditions:

1. The student must be within 12 semester hours of graduation.
2. Student must apply for undergraduate graduation.
3. Enrollment in each graduate course must receive prior approval by the graduate advisor or appropriate department chair of the college offering the course.
4. The approval must be submitted by the student to the Enrollment Services Center at the time of registration.

Master's Degree Admission Requirements

Application Process

A student seeking a graduate degree must fulfill the following in addition to the general graduate admission requirements:

1. Complete a graduate application at <http://www.uttyler.edu/graduate>, select a specific program, pay the application fee, and have official transcripts showing proof of baccalaureate sent to the Office of Graduate Admissions.
2. Select a specific degree program.
3. Take the appropriate entrance examination for the selected degree program.
4. Satisfy the entrance examination, grade-point average and any other specific requirements for the selected degree program.
5. Receive official admission to the selected degree program.

Admissions

The University of Texas at Tyler recognizes five categories of graduate admission at the master's level: Full Graduate Admission; Conditional Admission; Provisional Admission; Special Admission; and Non-Degree Seeking.

At the doctoral level, students may be admitted only under Full Graduate Admission.

Full Graduate Admission

A student seeking a graduate degree must fulfill the following admission requirements:

1. Hold a baccalaureate degree from an accredited institution and, submit the following items:
 - a. Application for admission to a degree program. Only applications made online at <http://www.uttyler.edu/graduate> will be accepted;
 - b. Official transcripts (sent directly from the institution) showing proof of baccalaureate (NOTE: some programs may require transcripts of all college and university level work);
 - c. Official scores for the required entrance examination;
 - d. Other admission materials required by the graduate degree program.
2. Meet the admission standards established for the degree program.

3. Contact the program graduate advisor to review specific entrance requirements of the selected degree program. The decision to admit a student is made at the program level.

Because some programs accept only a limited number of students or do not have the faculty or facilities to accommodate a student's particular area of study, some applicants who exceed minimum requirements for admission may not be accepted.

Conditional Admission

This status may be granted to applicants who have submitted all required materials but who do not meet the standards for Full Graduate Admission. It is expected that a small percentage of applicants will be awarded conditional admission. Students who do not maintain a minimum grade point average of 3.0 during the semesters in which while they are conditionally admitted will be denied full admission.

A graduate program may stipulate conditions that must be met by applicants for whom this status is requested. Any conditions stipulated must be designed to provide compensatory evidence that applicants will be successful in the program despite not meeting the standards for Full Admission. All conditions must be met by the time an applicant has completed nine hours in the program. Examples of reasonable conditions are 1) successful completion of specific prerequisite courses and 2) maintenance of a graduate GPA for the first nine semester hours that is substantially above the minimum 3.0 GPA required for good standing in a graduate program. Advisors shall prepare Conditional Admission Approval Forms that identify conditions for any applicant for whom conditional status is requested. Forms must be approved by The Graduate School and will be monitored by the program. Upon completion of the requirement(s) for conditional admission, the academic program will contact Graduate Admissions to move the student to Full Graduate Admission.

Conditional – (for language institute students) This status may be granted to applicants who have submitted all required materials except language proficiency. In those instances, no for-credit courses may be taken until the language proficiency has been satisfied. After satisfactory completion of the language requirement, students may be moved to conditional or full admission to the degree-seeking program. See International Graduate Student Admissions section for language proficiency requirements.

Provisional Admission

Individuals may be admitted provisionally to a graduate program if they complete a graduate application and provide evidence of having completed or that they will complete a baccalaureate degree prior to matriculating in a graduate program. For an applicant to be eligible for provisional admission, the materials provided by the individual must provide persuasive evidence that the applicant is likely to meet the standards for full admission or conditional admission. Students who are provisionally admitted are allowed one semester to furnish all the materials needed for a program to make a decision whether to deny the applicant admission or to grant full or conditional admission. Provisional admission is good for one semester only during which no more than nine hours may be taken.

Special Admission

A student seeking teaching certification, a graduate certificate, or other graduate non-degree program (such as licensure) may be admitted as a special student. The student must submit a Graduate Application and meet all admission requirements set by the particular program. Individual programs determine the number of hours to be taken and other requirements. Students may enroll only in graduate courses required for the specific non-degree program. Registration is approved by the graduate advisor. Graduate hours completed prior to admission as a special student may not be accepted by a particular program. If a student subsequently decides to pursue a degree, the selected degree program will determine which courses taken while classified as a special student will apply to the degree.

Non-Degree Seeking

A student who desires to take graduate courses for personal enrichment, for job advancement, or for transfer to another institution, may do so by completing a graduate application. Non-degree seeking students are limited to enrolling in a total of nine graduate hours unless approval is given by the Dean of The Graduate School.

A maximum of nine graduate hours of UT Tyler credit earned as a non-degree seeking student may subsequently be applied toward a master's degree if approved by the degree-granting program. Individual programs may limit the number of hours applicable to the program.

A student who completes nine graduate hours as a non-degree seeking student, may not subsequently be admitted conditionally or provisionally to a graduate degree program.

Readmission

A new application is required whenever a student fails to register three consecutive semesters or has an approved leave of absence for twelve or more months. To resume studies, students must submit a graduate school application at <http://www.uttyler.edu/graduate> according to the deadlines posted online: <http://www.uttyler.edu/graduate/calendar.php>.

Readmission is not automatic and will be reviewed carefully by The Graduate School and the academic program prior to making a recommendation.

If a student is readmitted, the applicable catalog is the one in effect at the time of readmission. Master's Students should consult the Time Limitation standards for master's degrees. Doctoral Students should consult the Residency and Time Limit standards that apply.

Auditing

A student may not audit a course offered on an individual instruction basis or a course requiring the use of laboratories, computers, or studios. A student who audits a course will not receive credit for the course, nor be eligible for advanced standing examination. Participation in class activities is at the discretion of the instructor.

A student may audit a course by taking the following steps:

1. Obtain an audit application at the Enrollment Services Center (ADM 230) if you are not currently an active student.
2. Obtain an audit form at the Enrollment Services Center (ADM 230)
3. Between the first day of classes and the Census Date secure consent of the instructor and department chair or dean.

4. Return the completed form to the Enrollment Services Center to complete the registration process.
5. Pay the \$50 audit fee in the Enrollment Services Center (ADM 230) or online. Courses above three credit hours may incur higher audit fees. Residents of the State of Texas who are 65 years of age or older are exempt from this charge. Please contact the Enrollment Services Center (ADM 230) to secure this exemption.

Academic Fresh Start

An applicant who has earned a baccalaureate degree under the "academic fresh start" statute, Texas Education Code, § 51.931, and applies for admission to a postgraduate or professional program will be evaluated only on the grade point average of the course work completed for that baccalaureate degree and the other criteria stated herein for admission to the postgraduate or professional program.

International Graduate Student Admissions

Applicants from countries other than the United States may be admitted to the university subject to the following regulations in addition to the general admission requirements:

1. Accompanying the application must be an official English evaluation of the transcripts if the academic transcripts are from a foreign institution.
2. Evidence of English proficiency must be submitted before admission will be granted. Applicants whose primary language is not English (the undergraduate degree is from a foreign institution) must submit results of the Test of English as a Foreign Language (TOEFL), Pearson Test of English (PTE), or the International English Language Testing System (IELTS). Minimum score requirements are as follows:
 - a. 79 TOEFL iBT (internet-based test)
 - b. 550 TOEFL PBT (paper-based test)
 - c. 53 PTE
 - d. 6.5 overall band score and 6.0 in each subsection IELTS
 - e. Please note that individual graduate programs may have higher standards for English proficiency. Applicants should check with program advisors for details on English language proficiency requirements.
3. Individuals who complete Level 6 of the University of Texas at Tyler's Intensive English Language Institute with no grade lower than an A or who complete Level 7 with no grade lower than a B may be eligible for a waiver of the TOEFL requirement.
4. An affidavit of support is required indicating the source of funds being made available to the student and the amount of money being provided and the length of time the funds will be made available.
5. Holders of student (F-1) visas must be classified as full-time students. For international graduate students, the minimum course load is 9 semester credit hours.
6. The filing deadlines for applications and the required documents to be received in the Office of Graduate Admissions are available online at <http://www.uttyler.edu/graduate/calendar.php>.
7. International students holding non-immigrant visas are required to maintain approved comprehensive medical insurance, repatriation insurance and medical evacuation insurance. An international student may purchase his or her own insurance. However, the policy must meet or exceed UT System Student Health Insurance Plan requirements and a health insurance waiver must be submitted by the deadline for the insurance charge on the student bill to be waived.

If no waiver form is submitted, a health insurance fee will be assessed at the time of enrollment. The health insurance fee will be in the amount of the premium approved for the UT System Student Health Insurance Plan for the actual cost of the insurance.

International Student Seeking a Graduate Degree by Distance Learning

Applicants from countries other than the United States may be admitted to online degree programs subject to the following standards:

- Satisfy the general admission requirements for the degree program, including English language proficiency.
- International students admitted to degree programs offered through distance learning technologies are not eligible to receive an I-20. International students are not eligible for on-campus study unless they hold an F-1 visa.

Undergraduate Courses

Undergraduate courses (numbered 4999 and below), including required prerequisite or leveling courses, will not be counted toward academic program requirements, will not count toward full-time enrollment status (with the exception of international students), will not carry residence credit, and will not be entered into the student's graduate grade point average.

Student Seeking a Second Master's Degree

A student who already holds a graduate degree from an accredited institution may pursue a second graduate degree. The second degree must open a new area, field, or major approved by the student's advisor.

With the exception of coordinated degree programs, the degree requirements for the second graduate degree must be satisfied without using courses applied to a previous degree. Credit applied to a previous degree which duplicates a portion of the program required under the second degree will not reduce the number of hours required for the second degree. Courses already taken would not have to be repeated, but additional course work would be substituted for such previously completed courses.

Concurrent Enrollment in Two Master's Degree Programs

In unusual instances a student may be concurrently admitted to, and enrolled in, two master's degree programs. The student must satisfy all requirements for each degree and may not use more than 9 hours of course work from one degree to satisfy common requirements for the other degree. Course work that is used to satisfy common requirements for the two degrees must be approved by the advisor of each degree program, the college graduate advisors, and the Dean of the Graduate School.

Transient Admission: Student Pursuing Degrees at Other Universities

Graduate students pursuing degrees at other colleges and universities who wish to take courses at the University may be admitted as transient

students. The transient student application is available through <http://www.uttyler.edu/graduate>.

A transient student who later wishes to be admitted to the University on a regular basis must reapply for admission.

Students who attend the University as transient students and then are admitted on a regular basis are immediately subject to the University's academic regulations.

Transient Admission: UT Tyler Students at Other Universities

After a student is admitted at UT Tyler, he or she should not register for any course(s) at any other institution until approval is granted. Approval by the student's advisor, department chair, dean, and University Registrar is required to assure that the courses taken at another institution will count toward the student's degree. The student should not register at another institution until the request for graduate transient admission form has been completed and approved. Forms for this purpose are available online at <http://www.uttyler.edu/graduate/forms/>.

Admission Denial Appeal Process

Applicants denied admission to a graduate program may appeal the decision within five days of receiving the admission decision. The appeal must be based on the grounds that the denial was a violation of the admissions policy and procedure or that the applicant's application was not evaluated in accordance with the criteria for admission set forth by the intended graduate program/department. Denials to graduate programs with restricted admissions based on their capacity to effectively serve students may not be appealed.

Students may appeal their admission decision by completing an application for appeal of an admission decision. This form is published on The Graduate School Forms website. The appeal should include any supporting documentation that supports the appeal.

Any appeal of an admission decision to a graduate program shall be submitted in writing to the advisor for the program. The advisor shall have 10 work days to respond in writing to the appeal. If the applicant is not satisfied with the decision, he or she may appeal in writing to the chairperson of the department. The chairperson shall respond in writing within 10 work days. The next level of appeal is the dean of the college in which the program is located. The dean will respond in writing within 10 work days of receiving the appeal. The final level of appeal will be the Admission Appeal Subcommittee of the Graduate Council. The subcommittee will respond in writing within 10 work days of receiving the appeal. The decision of the committee is final.

Any appeal of an admission decision to a professional program shall be submitted in writing to respective program's Office of the Dean. The Dean, or designee, shall have 10 work days to respond in writing to the appeal. Since professional programs are capacity limited, further appeals are not available.

Appeals must be received prior to the term for which the applicant is seeking admission. If there is insufficient time to complete the appeal process before the beginning of the term for which the applicant seeks

admission, the admission semester may be moved to the subsequent semester so the case may be reviewed.

Transfer of Graduate Credit

Transfer of graduate credit from a regionally accredited institution is limited to 9 hours for master's degrees. All transfer credit must have been completed with a grade of "B" or better and approved by the degree-granting program. Transfer credits for courses completed prior to admission to UT Tyler should be evaluated and approved during the first semester. Since the restrictions placed upon transfer work may vary from program to program, each graduate degree student should refer to the section of this catalog that details the requirements of the proposed degree. Forms for this purpose are available online or in the Office of Graduate Admissions, ADM 345.

Scholastic Load

The minimum credit hour load to be considered a full-time graduate student is nine semester hours of courses during a fall or spring semester or six hours during a regular summer session. The maximum credit hour load permitted is 12 hours during a fall or spring semester, six hours during each Summer I and II session, and nine hours during a Long Summer Session. However, total summer hours may not exceed 12. Students enrolled in 9 or more hours in the Long Summer Session are not eligible for enrollment in the Summer I or Summer II sessions. (Texas Administrative Code, Title 19, Part 1, Chapter 4, Subchapter A, Rule §4.6).

Time Limitation

Degree requirements for all master's programs at UT Tyler must be completed within a six-year period. Graduate credit transferred from another institution must meet the limitations imposed by each degree program. Exceptions to the six-year time limitation must be approved by the academic advisor, dean of the college offering the degree, and Dean of The Graduate School.

Catalog Year

In order to graduate, a student must fulfill catalog requirements in effect at the time of admission to a graduate program; however, a student who is continuously enrolled must complete all requirements within six years or be subject to degree requirements of a subsequent catalog. If a matriculated student has a break in enrollment at UT Tyler for three consecutive semesters or more, the student is required to complete a readmission application. If a student is readmitted, the applicable catalog is the one in effect at the time of readmission.

Change of Program

If a student desires to change from one graduate program to another graduate program, the student must complete the Change of Graduate Program form, which is available on Graduate Admissions Office forms website <http://www.uttyler.edu/graduate/forms/>.

Course Enrollments

The university reserves the right to cancel a scheduled course upon evidence of inadequate enrollment. Normally a minimum of five enrolled students is required in a graduate course.

Grading System

Grades, levels of performance, and grade points awarded for graduate credit at UT Tyler are as follows:

Grade	Level of Performance	Grade Points
A	excellent	4
B	average	3
C	poor	2
D	failing	1
F	failing	0

Most courses use the traditional grading system, providing grades of A through F. However, grading may take other forms, including:

P/F	This grade may only be used for thesis or dissertation credit, special project, practicum, internship or other specialized course.
CR/NC	Credit/No courses as approved by the program. CR or NC may not subsequently be changed to a letter grade (See credit/no-credit option policy)
I	Indicates incomplete coursework(See incomplete policy)
W	Indicates withdrawal(See withdrawal policies)
IP	Indicates a course "in progress" that spans more than one semester

There is a one-year time limit for grade changes and only the original instructor of the course may change a grade. CR, P and W designations may not be changed to letter grades. An "I" must be removed from the student's record within one year. See specific sections that elaborate on the institutional policies concerning the designations CR/NC, I, Pass/Fail and W.

Calculation of Grade Point Average

Grades A, B, C, D, and F and the associated semester credit hours will be used to calculate grade point averages. The designations I, W, CR, and NC and the associated semester credit hours will not be used. Only grades and associated semester credit hours for courses taken in residence at UT Tyler will be used in the calculation of grade point averages.

If a student repeats a course and requests grade forgiveness, only the last grade earned and the last semester credit hours attempted are used to compute the grade point average. If grade forgiveness is not requested, then both grades will be calculated and used to compute the grade point average (See Repeating Courses (p. 121) and Grade Forgiveness Policy (p. 121)). If the student receives a W or I in the repeated course, then

the previous grade continues to be used to compute the grade point average.

Credit/No Credit Option

Certain courses in the curriculum may be taken only on a credit/no-credit basis. Pre-professional students should note that many professional schools, e.g. law, count CR as a "C" and NC as an "F" in computing grade point averages. The following provisions apply to courses taken on a credit/no-credit basis:

1. Special form requiring the signature of the student's advisor.
2. The designation CR will not be changed to a grade of A, B, C, or D.
3. The designation of CR and NC will not be used in calculating the grade point average.
4. The designation CR will be counted toward the total number of hours passed.

Incomplete Policy ("I" Grade)

If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in lieu of a grade only when all of the following conditions are met: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all course work or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor; and (c) the student presents these reasons prior to the time that the final grade roster is due. The semester credit hours for an Incomplete will not be used to calculate the grade point average for a student.

The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to complete all of the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has not been assigned within one year, then the Incomplete will be changed to an F.

Pass/Fail Policy

To register for a class on a Pass/Fail basis, a student must have the signatures of his/her advisor and the instructor for the course.

1. Students may take only one course per semester for P/F credit.
2. Students may take only three courses on a pass/fail basis during their graduate career at UT Tyler.
3. If you are on academic probation, you may not enroll in a course on a P/F basis.
4. A course cannot be changed from a P/F basis to letter grade or vice versa after the first five class days.
5. A final grade of P will not be changed to a grade of A, B, C, or D.
6. A final grade of P will be counted in the total number of hours passed.

Repeating Courses

A graduate student may repeat any graduate course previously taken at UT Tyler if the last grade received in the course was a C, D, F or NC. Repeated courses may not be taken on a CR/NC or P/F basis unless the

course is only offered on a CR/NC or P/F basis. Students repeating a single course more than two times may be billed at a higher tuition rate. All grades will appear on the student's official transcript. Once the graduate degree has been awarded by UT Tyler, a student may repeat a course taken prior to graduation, but the repeated course will not be used to recalculate the grade point average.

Grade Forgiveness

A master's student may receive grade forgiveness (grade replacement) for only two course repeats during his/her graduate career at UT Tyler. Grade forgiveness means that only the last grade and associated semester credit hours earned are used to compute the grade point average. However, all grades and associated semester credit hours will appear on the student's official transcript.

Grade replacement/forgiveness may be requested for courses in which a grade of a C, D or F was earned. To request grade forgiveness/replacement a student must file a Grade Replacement Contract with the Enrollment Services Center by the Census Date (see the Academic Calendar for date). Failure to file a Grade Replacement Contract will result in both the original and repeated grade and associated semester credit hours being used to calculate overall grade point average.

If a student repeats a course for grade forgiveness within two academic years of the original attempt, their academic standing for the term in which the original grade was awarded and each subsequent term will be reassessed to account for the exclusion of the original grade from the grade point average. This reassessment will not be conducted for repeats more than two years after the original grade was awarded.

If a student files a Grade Replacement Contract for a course but withdraws and receives an automatic "W," the attempt counts against the grade forgiveness limit and the original grade remains. Students may, on or prior to the Census Date, request in writing to withdraw a Grade Replacement Contract by contacting the Enrollment Services Center.

A student may not exercise grade forgiveness for courses taken at UT Tyler and repeated at another college or university, nor may grade forgiveness be used when a course taken elsewhere is repeated at UT Tyler. The grade forgiveness option may not be exercised to remove a grade awarded in a case of academic dishonesty.

Once the degree has been awarded by UT Tyler, grade forgiveness may not be used to replace a grade taken before graduation.

Implementation

The grade forgiveness limit is not retroactive regarding grades already forgiven. The policy affects all students enrolled in Fall 2006 and thereafter, no matter when the course being repeated was originally taken. Academic standing reassessment for courses repeated within two academic years is effective beginning with the Fall 2015 term, with academic standing reassessments effective only for terms Fall 2013 and more recent.

Grade Appeals

Disputes regarding grades, must be initiated within sixty (60) days from the date of receiving the final course grade by filing a Grade Appeal

Form with the instructor who assigned the grade. If the student is not satisfied with the decision, the student may appeal in writing to the appropriate Chairperson of the department from which the grade was issued. Grievances may then be appealed to the Academic Dean and the Vice President for Academic Affairs. Grade Appeal Forms are available in each academic dean's office.

Withdrawals/Drops

All students are encouraged to meet with their advisor and instructor prior to dropping a course. In addition, students should review the Academic Calendar located in the Schedule of Classes for "W" withdrawal/drop dates and the refund schedule. For more information regarding refunds, please see the Schedule of Refunds in this catalog. Students should be aware that dropping a course will affect their financial aid, and they should consult the Enrollment Services Center prior to withdrawal. Students are encouraged to maintain a copy of their Withdrawal Form.

Students must withdraw in writing by one of the following methods:

1. Fill out the Withdrawal Form available in the Enrollment Services Center, or
2. Send a written request for withdrawal to the Enrollment Services Center. Letters must contain the student's name, student ID number, the course(s) from which the student is withdrawing, the reason for withdrawing, and the student's signature. Letters may be mailed or faxed to the Enrollment Services Center. For mailed withdrawals, the effective date of withdrawal will be the date when the withdrawal is officially completed and recorded by the Enrollment Services Center. A copy of the withdrawal will be mailed to the student once the procedure has been completed. Emailed requests must be sent from the student's Patriot email address. These requests must contain the student's name, student ID number, the course(s) from which the student is withdrawing, and the reason for withdrawing.

Dropping Courses Late

No course may be dropped after the published "Last Day to Withdraw" unless the Student Appeals Committee approves a late drop (see the Academic Grievances policy (p. 122)). The appeal must provide justification of extenuating circumstances that go beyond academic progress in the course.

Withdrawal for Active Military Service

If a student withdraws from an institution of higher education because the student is called to active military service, the institution, at the student's option, shall:

1. refund the tuition and fees paid by the student for the semester in which the student withdraws;
2. grant a student, who is eligible under the institution's guidelines, an incomplete grade in all courses by designating "withdrawn-military" on the student's transcript; or
3. assign an appropriate final grade or credit, as determined by the instructor, to a student who has satisfactorily completed a substantial amount of coursework and who has demonstrated sufficient mastery of the course material. (See Excused Absences for Active Military Service (p. 122))

A graduate or professional student who withdraws from or defers admission to perform active military service in a combative operation will be readmitted to their program; previously earned coursework will

be applied toward the program; and any standardized test score previously submitted will be accepted. Texas Education Code, Section 51.844.

Readmission

A formal request for readmission is required whenever a student fails to register for three consecutive semesters or has an approved leave of absence for twelve or more months. To resume studies, students must submit a new graduate school application at <http://www.uttyler.edu/graduate>.

Readmission is not automatic and will be reviewed carefully by the Office of Graduate Admissions and the academic program prior to making a recommendation.

If a student is readmitted, the applicable catalog is the one in effect at the time of readmission.

Excused Absences

Excused Absence for Religious Holy Days

An institution of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

Any student seeking to be excused for religious observance, must provide written notification to the instructors at least two weeks* prior to the date of the planned absence. At that time the instructor will set a date and time with the student when any make-up assignment or equivalent work will be completed. Make-up work will be mutually arranged; however, availability of the instructor will be given priority in setting the arrangements.

It is expected that students will not abuse the privilege of being absent from class for religious observance.

**Events scheduled within the first month of an academic term may require a shortened lead time.*

Excused Absence for Active Military Service

Any student who has been called up for military service after a semester begins should immediately provide the Registrar's Office and course instructors a copy of the military orders. Such students are excused from attending classes, turning in assignments, taking examinations or participating in any other required activity **if the absence is for no more than 25% of the total number of class meetings** (excluding final examination period). If the absence is for more than 25% of the class meetings, please refer to the policy on Withdrawal for Military Service.

Within 5 days of the student returning to UT Tyler from active service, he or she shall notify the Registrar's Office and course instructors. The student will be allowed to complete all assignments and examinations within a reasonable time as agreed upon by the course instructors and under the same requirements in effect when the student enrolled in the course.

Should any dispute arise as to the student's inability to complete assignments or examinations within a reasonable time after the absence, the student should first seek informal resolution with the faculty member, the department chair and then the dean of the college in which the course or courses are located. If an informal process is not successful, the student may institute a grade grievance process after the final course grade is recorded.

Discrimination Complaints

Please see the Complaints and Grievances Process (p. 32) in the Student Affairs section of this catalog.

Student Records

Please see the Family Educational Rights and Privacy Act (FERPA) policy (p. 29) in the Undergraduate Policies Section of this catalog.

Probation/Suspension for Master's Students

The policy below is the minimum policy for graduate students at the University of Texas at Tyler. Individual programs may have stricter criteria for probation and/or suspension from a program.

Graduate Academic Probation

A graduate student who has a cumulative grade-point of less than 3.0 will be placed on academic probation. For the purposes of determining compliance with the policies of academic probation, the three summer sessions are treated as one semester.

Students on academic probation must earn a minimum grade-point average of 3.0 or above in subsequent semesters until the cumulative grade point deficiency is removed. Failure to do so results in academic suspension. A student on academic probation should not register for more than nine hours (or fewer, at the discretion of the academic department) and must obtain his/her advisor's approval on a Graduate Student Probation Petition for Readmission form to register. The form is available on the Registrar's Office website: <http://www.uttyler.edu/registrar/forms/index.php>.

Grade points earned at other institutions are not used in computing the grade-point average and may not be used to remove a deficiency. A student who leaves the University on academic probation will be readmitted on academic probation even if he or she has attended another institution in the interim.

Graduate Academic Suspension

A graduate student will be suspended from the University for one semester or full summer for failure to meet the terms of academic probation. A student suspended from the University for the first time must receive approval for readmission from the program advisor and the appropriate dean.

A student admitted to the University after having been suspended must complete a Graduate Student Suspension Petition for Readmission form, with signatures from both their academic advisor and the appropriate college dean, to register.

A second academic suspension will be for at least twelve months. Students wishing to reenroll at the University after the mandatory period of enrollment ineligibility must reapply via the website <http://www.uttyler.edu/graduate>. Submission of a completed Graduate

Student Suspension Petition for Readmission to the Enrollment Services Center is also required as part of the readmission process and as a requirement for enrollment. This form requires the signature of the student's academic advisor and the appropriate college dean.

A third suspension will result in permanent dismissal from the graduate program and the University.

Graduate Restart

The Graduate Restart procedure is designed to allow returning students who performed poorly in their initial attempt at graduate studies to have a fresh start toward meeting graduation requirements for a degree or credit-granting certificate.

A graduate student who has not been enrolled at UT Tyler for at least 12 months prior to readmission may petition the Dean of the Graduate School to remove from his/her graduate cumulative grade point average all grades earned during the student's prior enrollment at the University. Thus, the student who re-enrolls under Graduate Restart automatically forfeits the right to use any of the previous graduate course work, including transfer work, toward the current degree requirements. Only courses attempted following readmission will be applied to the degree requirements.

Restart petitions may be filed for readmission to a program in which a student was not previously successful or for admission to a different graduate program. Restart petitions must be approved by the graduate program advisor, the dean of the college and the Dean of The Graduate School.

If readmission is granted under Graduate Restart, the following will apply:

1. Enroll within one year (12 months) of the granting of the petition.
2. Earn no grade lower than a "C" in any course attempted.
3. Maintain a graduate grade point average of 3.0 or better each semester regardless of the number of hours attempted.
4. Failure to meet grade requirements will result in dismissal from the University. In other words, the policies on probation and suspension do not apply to Graduate Restart students.

All hours attempted and all grades earned before and after Graduate Restart will remain on the student's official, permanent academic record (transcript). Graduate Restart affects only the cumulative graduate grade point average. It will not remove evidence/documentation of the student's overall academic history at the university.

A student may exercise the Graduate Restart option only once, regardless of the number of times the student enters/attends a graduate degree program at UT Tyler.

To be considered for Graduate Restart, students must submit a petition for reinstatement to the advisor of the graduate program and provide a compelling justification for reinstatement. Students should explain how circumstances that impeded one's success in graduate school have improved. Petition forms are available at <http://uttyler.edu/graduate/forms/restart.pdf>.

Students must submit all materials required for full admission to the program (GRE scores, recommendation letters, statement of purpose, etc.) Students must be fully admitted to a program to participate in Graduate Restart; no provisional or conditional admission is allowed.

A student should carefully review this information to make sure that the terms of the program are understood. If the student agrees to the provisions of Graduate Restart, s/he should sign the petition form and submit it to the advisor for the graduate program. All required documents to support the application for admission must be submitted as well. For the Graduate Restart applicant, the catalog in effect at the time of the Graduate Restart application is effective. The Graduate Restart option is tied to the admission process and may only be requested at the time of readmission.

Thesis

Several graduate degree programs at UT Tyler require a thesis. A student seeking a degree should consult the appropriate section of this catalog to determine if a particular degree requires a thesis.

Guidelines and Procedures

Students considering enrollment in a thesis course should obtain a copy of the Thesis and Dissertation Formatting Guidelines (and Sample Pages) at The University of Texas at Tyler. These guidelines describe procedures for typing, formatting, and submitting the thesis. Thesis guidelines also may be found on the University website at the following address: http://www.uttyler.edu/graduate/students/thesis_dissertation.php.

Institutional Review Board (IRB) Approval

Federal regulations and University policy require that all investigations using animal or human beings as subjects of research be reviewed and approved by the appropriately constituted committees before such investigations may begin.

Data cannot be collected for any dissertation based on the use of animals or human beings as subjects without prior review and approval in accordance with university procedures. More information can be found online at: <http://www.uttyler.edu/research/compliance/>.

Even if a student believes that his/her research may be "exempt", the proposed research must still be reviewed prior to initiating collection of data.

Enrollment

Students required to write a thesis for their degree must register for a thesis course each semester, after research has commenced, until the thesis has been accepted.

Thesis Committees

Committee Composition

A student who has been advanced to the thesis or dissertation stage is responsible for forming a thesis committee. Members of the committee must review and approve the student's research proposal. The student must keep the committee informed of the scope, plan, and progress of the thesis research and manuscript. Note the following policies regarding committee composition:

Committee Size & Potential Members

Thesis committees must be comprised of at least three members. The majority of the committee should be faculty from the student's graduate program. Appropriately qualified faculty may serve on a committee at

the request of the student and the graduate program. Categories of graduate faculty membership are described online at <http://www.uttyler.edu/graduate/gradfaculty/credential.php>.

Thesis chairs must complete and submit the Appointment of Thesis Committee form to gradforms@uttyler.edu for Graduate School approval before the student is eligible to enroll in thesis hours. The form is available online at http://www.uttyler.edu/graduate/students/thesis_dissertation.php.

Committee Chair

The chair is responsible for directing and guiding the student's research and writing activities. He or she should possess expertise in the student's chosen research topic. It is the responsibility of the student to select an appropriate topic and to ensure that a faculty member with expertise in the topic is available and willing to serve as chair. The Committee Chair must be appropriately qualified for his/her role on the committee. It is possible to have co-chairs on a committee.

Oral Defense of Thesis

An oral defense of a thesis is scheduled in consultation with the committee chairperson/advisor. The oral defense should be held only after all members of the committee have had adequate opportunity to review a draft of the master's thesis. The advisor is responsible for determining that the draft is in an appropriate form for committee evaluation. If substantial revisions are necessary, they should be completed before the final oral defense is scheduled. The committee may, at the time of the final oral but no later, require alterations and corrections, but these should constitute relatively minor changes agreed to by a majority of the committee members. The advisor is responsible for verifying that the changes required by the committee have been made.

All committee members are expected to be present at the defense. The final oral may be open to the public. A thesis is accepted only after the approval of a majority of the examining committee members. If there are co-chairs of the committee, both must indicate approval of the thesis defense.

After the oral defense is passed and the thesis is deemed ready for publication, all members of the committee sign the Thesis Signature page. When the student submits the final copy to the academic department for signatures, they must also email gradmanuscripts@uttyler.edu and copy their advisor, thus notifying The Graduate School that the manuscript has been delivered to the academic department for signatures. The student sends the completed manuscript including the signed signature page to gradmanuscripts@uttyler.edu for final formatting approval. Detailed instructions are available here: http://www.uttyler.edu/graduate/students/thesis_dissertation.php.

Failure of Examinations

A master's candidate who fails the oral defense may not take the examination a second time until at least three months after the first attempt. A student who fails an examination for the second time becomes ineligible for further graduate work. Upon request from the student's advisor and chairperson of the department, the Dean of The Graduate School may grant a student a third and final opportunity to take the oral defense.

Thesis Submission Deadlines

The final PDF copy of the thesis, prepared under standards as defined in the Thesis and Dissertation Formatting Guidelines must be submitted via email to gradmanuscripts@uttyler.edu for a technical review no later than two weeks before the last day of final exams of the semester of intended graduation. The PDF version must include a scanned copy of the signature page with all signatures present. After making any required changes, a PDF of the entire thesis/dissertation (including scanned copies of any signature pages) should be submitted via email to gradmanuscripts@uttyler.edu. After final formatting approval, students will receive a signed Thesis/Dissertation Approval Form and Electronic Thesis/Dissertation Submission Form, as well as information on author rights and instructions for submitting the thesis/dissertation in electronic format to the Robert R. Muntz Library.

No late manuscripts are accepted. Failure to meet the deadline will delay graduation by one semester.

Theses are regarded as publications and will be made available to the public once they are approved and submitted to The Graduate School.

Grading Policy

A student registered for thesis who does not submit the approved thesis to the dean or graduate coordinator of the appropriate college before the thesis deadline for that semester will receive an incomplete "IP" grade. Once the thesis has been accepted, previous "IP" grades for thesis work will be changed to credit "CR". A maximum of six semester hours of thesis credit may be applied to the masters degree.

Approval

The completed thesis must be approved by the thesis advisor, the college dean, and the thesis reviewer before the student will receive final certification for the degree.

Graduation Guidelines and Procedures

Graduation Requirements--Master's

1. Complete a Graduate Transfer Credit Approval form within the first semester following admission to a program that identifies the transfer credit awarded and specifies any special requirements.
2. Complete the total number of semester credit hours and other requirements of the degree plan (including transfer credit) within a six-year period. Courses completed on a credit-granting basis (CR) may not be applied toward a graduate degree without approval of the graduate coordinator or the appropriate department chair.
3. Earn a "C" or better in all courses applied to the degree.
4. Earn a cumulative grade point average of 3.0 or higher on all work counted toward the degree.
5. Pass the appropriate comprehensive examination(s) if required for the program.
6. Submit an approved thesis if required. See Thesis in this section.
7. Follow the steps to apply for graduation on the Registrar's Office website:
http://www.uttyler.edu/registrar/graduation/applying_for_graduation.php.
8. See the Graduation section of the Office of the Registrar website for additional information on this process.

Application for Graduation Deadlines

In order to facilitate a timely pre-graduation review of their graduation eligibility, all students are highly encouraged to apply prior to the Priority Filing Date for their term of graduation, as found here: http://www.uttyler.edu/registrar/graduation/applying_for_graduation.php.

Summer graduates may participate in the following Fall commencement ceremony, and are automatically included in the program. Early participation in the preceding Spring ceremony is not permitted.

Students will receive updates on the status of their Application for Graduation from the department of their major field of study. Updates about the commencement ceremonies will be distributed by the Office of the Registrar.

Verification of Degree

A degree will not be granted until all requirements have been verified. All incomplete grades, required transcripts from other institutions, required examinations, and other evidence of outstanding requirements must be verified within 30 days following the final day of the graduation term. If the requirements have not been verified by this date, graduation will be denied and the student must refile for graduation subject to the filing for graduation guidelines.

Time Limitation

Degree requirements for all master's programs at UT Tyler must be completed within a six-year period. Graduate credit transferred from another institution must meet the limitations imposed by each degree program. Exceptions to the six-year time limitation must be approved by the academic advisor, dean of the college offering the graduate degree, and the Dean of The Graduate School.

Master of Arts and Master of Science Degrees in Interdisciplinary Studies

The Master of Arts and the Master of Science degrees in Interdisciplinary Studies are intended for persons desiring graduate studies in a wider range of fields than normally possible in a program with a traditional major. The student's background and goals are considered in the design of the individual degree plan.

Admission Requirements

The following are required for admission:

1. A satisfactory score on the Verbal and Quantitative sections of the Graduate Record Examination (GRE).
2. A minimum grade-point average (GPA) of at least 3.0 on the last 60 hours of undergraduate course work.
3. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

The Master of Arts or Master of Science degree designation will be determined by the student's advisor according to the first field emphasis

of the student's degree plan. Specific requirements for both degrees follow:

1. A total of 36 semester hours of graduate work. No more than six semester hours of undergraduate courses approved for graduate credit may apply to this degree. A student may transfer a maximum of 9 semester hours of graduate credit in which a grade of "B" or better has been earned from approved institutions. All transfer work is subject to approval by the student's advisor.
2. From the list below, the student must select a minimum of 12 hours of course work in the first field and a minimum of six hours each in the second and third fields. A maximum of 18 hours in any one field may be applied to these degrees. Please note: Not all programs below accept students into the first field; check with the graduate advisor.
 - a. First, Second, Third Fields: Biology, Chemistry, Computer Science, Music, Psychology
 - b. Second and Third Fields Only: Art, Communication, History, Political Science, Public Administration
3. Electives may be chosen from any field with the advisor's approval.
4. A minimum grade-point average of 3.0 in each of the three selected fields and a minimum grade-point average of 3.0 in all graduate work. No course with a grade below "C" may be applied toward this degree.
5. No more than six semester credit hours in independent study courses.
6. Successful completion of a written, comprehensive examination over the fields of study shown in the degree plan, excluding electives. This examination will be administered and evaluated by the student's examination committee (see below).

Comprehensive Examination Committee

The committee must have a minimum of three faculty members including the student's chief advisor, who chairs the committee and is a faculty member in the predominant field of the student's degree program, and one faculty member from each of the remaining two fields of that program.

Graduate Policies--Doctoral

The doctoral degree is granted in recognition of exceptional attainment in a specific field as demonstrated by passing coursework, the successful completion of required examinations and the successful defense of a dissertation based on original research that makes a significant contribution to the knowledge base of the student's field of study.

Doctoral Excessive Hours Fee ("99-Hour Rule")

All doctoral students (regardless of state residency classification) who exceed 99 hours of doctoral coursework will be required to pay out-of-state tuition. Doctoral coursework is any coursework taken by a student seeking a doctoral degree after the completion of an initial 30 semester hours of graduate credit (typically master's level work, regardless of whether the hours are taken as part of a master's degree, as a non-degree seeking student, certificate work, or as part of the doctoral program). (See *Texas Education Code* Sec. 61.046 (l))

This rule applies to all students admitted to a doctoral program at UT Tyler. This tuition structure applies to Texas residents as well as out-of-state residents and international students who were eligible to be charged tuition at the resident rate as a result of scholarship, fellowship awards, or employment as Graduate Assistants.

Program of Study

All doctoral programs consist, at minimum, of a coherent set of courses and other educational experiences, a Proficiency Examination, a dissertation, and a Final Oral Defense. Students must satisfy not only their departmental requirements, but also any additional requirements specified by the The Graduate School.

Foreign Language Requirements

The Graduate School has no foreign language requirement for doctoral degrees; however, knowledge of one or more foreign languages may be required by individual doctoral programs.

Admissions

The University of Texas at Tyler admits students to its Ph.D. programs under the Full Admission criteria. The requirements for admission are stated in the section for each doctoral program elsewhere in the catalog.

Transfer of Graduate Credit

Transfer of graduate credit from a regionally accredited institution is limited to a total of no more than 12 semester hours. Individual doctoral programs may adopt more restrictive limits. Hours transferred into a doctoral program should represent credit earned after the award of the master's degree. Exceptions to the number of hours transferred may be requested by the program to the Dean of the Graduate School. Only credit with a grade of "B" or better may be transferred. Credit earned more than six calendar years before admission to the program will not be accepted for transfer.

The program will determine what courses, if any, are accepted for transfer. The doctoral student may be examined on all transferred courses at the time of the doctoral proficiency examinations.

Transfer work does count toward the 99-Hour Rule for tuition purposes. See above for state law regarding the 99-Hour Rule.

University Requirements for Doctoral Degree

1. Satisfactory completion of all coursework required by the plan of study.
2. Satisfactory completion of the Proficiency Examination.
3. Completion of the required residency requirements before Candidacy is awarded.
4. Graduate cumulative grade point average of at least 3.0.
5. Satisfactory completion of the Oral Dissertation Defense.
6. Submission of an electronic version of the approved dissertation including the dissertation abstract and a copy of Human Subjects or Animal Subjects approval form (if required).
7. Completion of Ph.D. degree requirements within five years after being admitted to candidacy.

Residency Requirement

The residency requirement provides students an opportunity to be engaged in concentrated study over an extended period of time in association with faculty and other students in an atmosphere conducive to a high level of intellectual and scholarly activity.

Doctoral students must be registered for nine (9) hours each semester at UT Tyler for a minimum of two consecutive semesters or six (6) hours each semester for three consecutive semesters (not necessarily including summer). However, the student does not necessarily have to be physically present on campus (for example, the student may be taking courses over the internet or doing field research). The residency requirement must be met prior to admission to candidacy.

Time Limit

All requirements for the doctoral degree must be completed and the degree awarded within a maximum of nine years from the term of full doctoral admission, and within five calendar years from the term in which the student is admitted to candidacy.

(Example: if the date of admission is Fall 2008, the nine-year time limit ends Summer 2017. If the student in this example is admitted to candidacy in March 2010, the time to degree expires at the end of the spring semester 2015). When extenuating circumstances warrant, the Dean of The Graduate School may grant an extension for one year. The student must complete the Request for Extension of Time Form and receive approval from the major advisor/dissertation chair and the director of the doctoral program, who forwards the request to the Dean of The Graduate School.

Extension of Time Limit

When extenuating circumstances warrant, the Dean of The Graduate School may grant an extension for one year. The student must submit a written request to the dissertation advisor and obtain approval from both the major advisor/dissertation chair and the program's graduate director, who forwards the request to the Dean of The Graduate School. Final approval of the request rests with the Dean of The Graduate School.

Leave of Absence

A student in good academic standing may request a leave of absence from doctoral study for up to one year for extenuating circumstances, for example: childbearing; adoption; illness; critical care of child, spouse or parent.

To be eligible for a leave of absence, a student must not have received an extension of the time limit for the degree, must not have any Incomplete ("I") grades, and must be in good academic standing.

If the leave of absence is approved, the time of that leave will not count against the total time allowed for the degree. Ordinarily, a leave of absence may not be renewed.

To request a leave of absence, a student must complete and submit a Request for Leave of Absence Form and receive approval from the major advisor/dissertation advisor and the program's graduate director, who forwards the form to the Dean of The Graduate School. Forms are available here:

<http://www.uttyler.edu/graduate/gradfaculty/phdforms.php>

Upon returning from a leave of absence, the student must complete a new graduate school application at <http://www.uttyler.edu/graduate>.

Inactive Status

A student not yet admitted to candidacy who has not enrolled for three consecutive semesters and who has not been granted an extension or a leave of absence will be placed in inactive status.

In order to resume graduate studies, the student must complete a new graduate school application at <http://www.uttyler.edu/graduate> and meet all admission requirements in force at the time of the new application. Readmission under these circumstances is not guaranteed. If readmitted, the student will be subject to all program requirements in force at the time the student is readmitted.

Grading Policies

See general graduate policies.

Repeating a Course

Doctoral students may repeat a 5000- or 6000-level course if the original grade earned was a C, D, F and if allowed by the program. The course may be repeated only once and the original grade continues to be included in the computation of the graduate point average. There is no grade replacement at the doctoral level. Individual programs may prohibit repeating a course or may have limits on the number of times a student may repeat courses.

Probation/Suspension for Doctoral Students

The policies below represent the minimum standard for graduate students at the University of Texas at Tyler. Individual colleges may have stricter criteria for probation and/or suspension from a program.

Academic Probation

A doctoral student who has a cumulative grade-point of less than 3.0 will be placed on probation. Students on academic probation must earn a minimum grade-point average of 3.0 or above in each subsequent semester of enrollment (including summer, if registered) until the cumulative grade point deficiency is removed.

Students have two semesters to remove themselves from probation. Failure to do so results in academic suspension. A student on probation should not register for more than six hours and must obtain his/her advisor's approval to register.

Grade-point deficiencies incurred at UT Tyler must be removed through additional course work at UT Tyler. Grades earned at other institutions are not used in computing the grade-point average and may not be used to remove a deficiency. A doctoral student who leaves the University on probation will be readmitted on probation even if he or she has attended another institution in the interim. However, readmission as a degree-seeking student is not guaranteed.

Academic Suspension

A doctoral student who fails to make satisfactory academic progress may be dismissed from the doctoral program. Failure to make satisfactory progress may be the result of, but not limited to, failure to raise grade point average to 3.0 within the subsequent two semesters, poor performance on proficiency exams, unsatisfactory research progress, or inability to meet other degree requirements.

Although cases of improper conduct of research or unprofessional behavior are addressed according to other University procedures, these behaviors may also result in dismissal from the University.

Dissertation Process

Dissertation Proposal

Each program will determine when the dissertation proposal must be approved relative to taking Proficiency Examinations (i.e., before, after or concurrently).

Doctoral Proficiency Examination

All doctoral students are required to pass a Doctoral Proficiency Examination in the major field before writing the dissertation. Each doctoral program will determine whether the Proficiency Examination is written and/or oral.

The proficiency examination is typically taken after the student has completed a significant portion, if not all, of the program's coursework. However, a student may not be advanced to candidacy or register for dissertation hours until all coursework is completed and all portions of the Proficiency Examination have been passed satisfactorily.

The student must be in good academic standing and registered for a minimum of three credit hours in the semester in which any portion of the examination or a re-examination is taken.

Examination Committee

The Proficiency Examination Committee is composed of members of the program's doctoral faculty.

Format

While The Graduate School does not dictate the format for the Proficiency Examination, it is expected that the examination will be appropriately rigorous. Also, the policies and rules for the form, timing, scheduling, sequence, and conduct of the proficiency examination must be uniform for all students in the program and available in written form (handbook, etc.) to all students.

Proficiency Examination

The student is considered to have satisfactorily completed the written Proficiency Examination when the members of the Proficiency Examination committee have determined that a candidate has met the criteria established for satisfactory performance.

A student who fails the written examination twice is not allowed an additional examination and is automatically dismissed from the university.

Appeal

A student may appeal the outcome of a Proficiency Examination by submitting a written petition to the director of the doctoral program within 10 work days of being notified of the outcome of the examination. The path of the appeal process is from the director of the doctoral program to the department chairperson to the dean of the college and to the Dean of the Graduate School. The decision of the Dean of the Graduate School shall be final.

Application for Candidacy

When a student has completed all required coursework, has satisfactorily completed all portions of the proficiency exam, and is in good academic standing, the student is admitted to candidacy for the doctoral degree.

Dissertation

The dissertation is an independent scholarly contribution to knowledge in the student's area of specialization. By researching, writing, and defending a dissertation, the student demonstrates a high level of knowledge in the chosen field and the ability to conduct independent research.

The Graduate School has established guidelines for dissertations. These are available at http://www.uttyler.edu/graduate/students/thesis_dissertation.php.

Individual doctoral programs may also offer guidelines with requirements beyond those established by The Graduate School.

All Ph. D. candidates are required to complete and defend a dissertation. The university requires a minimum of nine hours of dissertation credit. However, most Ph. D. programs require more hours.

Doctoral candidates are required to register for a minimum of one credit of dissertation during fall and spring semesters until the dissertation is accepted by The Graduate School. (See, Enrollment Requirements)

Institutional Review Board (IRB) Approval

Federal regulations and University policy require that all investigations using animal or human beings as subjects of research be reviewed and approved by the appropriately constituted committees before such investigations may begin. Data based on the use of animals or human beings as subjects cannot be collected for any dissertation without prior review and approval in accordance with university procedures.

Dissertation Committee

The dissertation committee is established at a time thought appropriate by the student and the chair of the committee. Although it should be formed as early as possible in the research process, the dissertation committee must be approved by The Graduate School—using the *Appointment of Dissertation Committee* form-- the student is allowed to register for dissertation hours.

The dissertation committee is composed of a dissertation advisor, who chairs the committee, and at least three other Graduate Faculty members. The advisor must be qualified to chair dissertations and be from the department from which the degree is sought. At least one more of the committee members must be from the department in which the degree is being sought.

Doctoral programs are encouraged to include scholars from outside the program to serve as members of dissertation committees. The outside members may be selected from among graduate faculty from other academic programs or from other institutions where scholarly work is conducted. All members of a dissertation committee must possess the appropriate graduate faculty qualifications for their role on a committee.

The role of the dissertation committee is to mentor the student's research and writing and approve the dissertation following an oral defense. Doctoral students are urged to consult with members of the dissertation committee throughout the progress of the research. Some

programs may require doctoral candidates to submit an annual progress report to the dissertation committee.

Defense of Dissertation Proposal

The dissertation proposal is developed in consultation with the dissertation chair and input as needed from committee members. Following approval of the dissertation chair, the proposal is distributed to the dissertation committee prior to proposal defense. The dissertation proposal defense is held in closed session with the committee and requires a majority of committee votes for a decision. The committee may recommend acceptance, revisions, or rejection. The committee may determine a second defense is needed following revision. The proposal must be approved by the committee prior to submitting it to the Institutional Review Board (IRB).

Oral Defense

The dissertation chair is responsible for determining that the dissertation draft is appropriate in form and content for committee evaluation. If substantial revisions are necessary, they should be completed before the oral defense is scheduled.

The Request to Schedule Oral Defense form signed by the Dissertation Committee Chairperson must be submitted to and approved by The Graduate School no later than 10 working days before the date of the oral defense. The oral defense is open to the public. However, once the defense is completed, the student and visitors must leave the room while the Committee discusses the students' performance and votes on the outcome. The student is invited back into the room to receive the Committee's decision.

When the Request to Schedule Oral Defense form is received, The Graduate School nominates a representative to protect the interests of the student, the committee, and The Graduate School. The Representative is also an "unbiased person" to whom the Graduate Dean may turn for judgment and counsel. The role of the Representative at the dissertation defense is to:

- Assure a fair and deliberate process for all, particularly the student.
- Assess the integrity of the defense itself. The Representative should contact the Graduate School Dean immediately if there is an area of concern.

A complete draft of the dissertation (electronic version, not hardcopy) must be made available to the Representative upon request no later than 10 working days before the date of the oral defense. The Representative is in attendance throughout the defense process, including committee deliberation. However, the Graduate Representative does not participate in the committee questioning nor thin the committee deliberations.

The oral defense is open to the public. However, once the defense is completed, the student and visitors must leave the room while the Committee discusses the students' performance and votes on the outcome. The student is invited back into the room to receive the Committee's decision.

The student is considered to have completed the oral defense successfully only when the majority of the Committee votes in the affirmative. Each committee member indicates his/her vote by signing the Final Oral Defense Report form. The committee may require alterations and corrections, but these should constitute relatively minor changes agreed to by the majority of the committee members. The

dissertation chairperson is responsible for verifying that the changes required by the committee have been made.

If the examination is judged unsatisfactory by a majority of the voting members, the Committee must decide whether the student will be permitted to do a second oral defense. If a second examination is required, the committee must be the same as the original one unless a substitution is approved by the Graduate School Dean. A student who fails the oral defense twice is not allowed an additional examination and the student is automatically dismissed from the program and candidacy revoked.

The final decision of the examining committee is referred to The Graduate School using the Oral Defense Report form, which must be filed no later than two weeks following the oral defense..

Format Review

After successfully defending the dissertation and making any changes requested by the committee, the student must submit an electronic draft of the complete dissertation to The Graduate School for format review. Review of the draft for format requirements will take approximately two weeks.

The Graduate School has created a checklist to guide candidates through the final steps of the dissertation defense and approval process the checklist is available at <http://www.uttyler.edu/graduate/gradfaculty/phdforms.php>

Dissertations are regarded as publications and will be made available to the public once they are approved and submitted to The Graduate School.

GRADUATE COLLEGE OF ARTS AND SCIENCES

Dr. Martin Slann, Dean

The College of Arts and Sciences offers discipline specific masters degrees in Art, Biology, Communications, Criminal Justice, English, History, Mathematics, Political Science, and Public Administration. The College participates in the Master of Arts and Master of Science degrees in Interdisciplinary Studies. The College also offers courses leading to an endorsement in English as a second language.

Master of Arts and Master of Science in Interdisciplinary Studies

The Master of Arts and the Master of Science degrees in interdisciplinary studies emphasize study in a wider range of fields than is normally possible in a program with a traditional major. The student's background and goals are considered in the design of the individual degree plan.

Disciplines within the College that may be chosen as one of the three required fields are listed in the general graduate section of this catalog.

Department of Art and Art History

Merrie Wright, Chair

The Department of Art and Art History offers Master of Fine Arts and Master of Arts degrees. The curricula provide the student with the opportunity to develop deeper understanding in the areas of media specialization as well as in aesthetics and criticism, art history, management, marketing, and logistics.

Studio Art M.F.A.

Admission Requirements

The following are required for admission into the MFA program.

Full Admission: The following requirements must be met by all students for full admission:

1. Baccalaureate degree from an accredited college or university.
2. Grade-point average of 3.0 on a 4.0 point scale on all prior advanced-level (junior, senior, and graduate) work.
3. Completion of the appropriate applications for graduate admission to the University.
4. Completion of at least 70 hours undergraduate preparation in art. Course prerequisites for admission are commensurate with the minimum upper-division field requirements of most B.F.A. studio emphasis programs. (Fulfillment of prerequisites is subject to approval by the Faculty Review Committee. The Committee may require leveling work if the student is deemed to lack specific studio courses at the undergraduate level).
 - a. upper division studio (42 hrs.)
 - b. upper division art history (9 hrs.)
 - c. additional art electives (18 hrs.)
 - d. thesis/exhibition (1 hr.)

5. Written rationale for graduate study.
6. An original research paper showing competence in the use of the English language and with conducting research.
7. Submission of a Portfolio. Portfolios should consist of 20 individual images on a CD. Digital submissions should be accompanied by a list containing the artist's name, title, dimensions, media, and date of completion. Three-dimensional works may include multiple views/details.
8. CV/resume.
9. An artist's statement describing the applicant's aesthetic interest or direction.
10. Three academic letters of recommendation.
11. Transcripts.
12. Completion of the Graduate Record Exam (GRE).
13. An interview with the applicant may be required at the discretion of the faculty.
14. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

The Master of Fine Arts degree in Studio Art is a 60-hour degree terminating in a graduate thesis exhibition.

Students may select from a two-dimensional, three-dimensional or mixed-media track. With approval of the graduate advisor, up to six hours of transfer graduate credit with a grade of "B" or better may apply towards this degree.

1. studio work to be chosen from one of three tracks (two - dimensional, three- dimensional, or mixed-media) (39 hrs.)
2. graduate art history (12 hrs.)
3. thesis/exhibition (9 hrs.)

All students admitted into the program are required to undergo a portfolio review. For students admitted under Full Admission, a Portfolio Review occurs after completion of 15 hours.

Recommendations for actions will be at the discretion of the faculty. This review must be successfully completed before enrolling in additional hours.

Students may be dismissed from the program if the faculty, upon portfolio review, deem the student's progress not sufficient, or that the portfolio holds insufficient potential.

Students must maintain a grade point average of 3.0 or higher (on a 4.0 scale) on all graduate work at UT Tyler. Students may be dismissed if

their GPA falls below 3.0 for more than three semesters. Students must receive a grade of "B" or higher in all graduate level coursework.

Residency requirements: two long term semesters of 9 hours each.

Graduate students should take no more than 9 hours in a regular term and 6 hours during summer terms.

Art M.A.

There are two possible emphases for the MA in Art degree, an emphasis in Art History or Studio Art. Students must follow the admission requirements and degree requirements for their chosen emphasis.

The Master of Arts with an emphasis in Art History develops scholars and professionals who are knowledgeable about a wide range of art, from Ancient to Contemporary. Students develop a deep understanding of historical context, formal and stylistic development, as well as the relevant aesthetic theories and scholarly methodologies that define the discipline. Courses in art history teach students to speak and write clearly and creatively about art through the ages. The M.A. with an emphasis in Art History prepares scholars who plan to continue their graduate education, or who plan to pursue a career in teaching, museums, or arts management.

The Master of Arts with an emphasis in Studio Art develops critical understanding of art, aesthetics, cultural context, and studio practices. Students will acquire broad based knowledge and skills in studio media (with emphasis on two-dimensional, three-dimensional or mixed-media); personal aesthetic; understanding of movements and concepts in art history; an ability to analyze formal issues and apply accurate terminology to that analysis; abilities to exhibit knowledge of art historical scholarship and methodology verbally and in written form; abilities to organize an exhibition of their art works. The M.A. with an emphasis in Studio Art prepares students to continue their graduate education, become professional studio artists, and prepares scholars who plan to pursue a career in community art education, galleries or museums, or arts management.

Admission Requirements

Prerequisites and Admission Requirements for MA in Art

1. Minimum upper-division requirements equivalent to UT Tyler's B.A. degree in Art History.
2. A minimum 3.0 grade-point average.
3. Completion of the appropriate applications for graduate admissions to the University.
4. A one-page typed statement of intent regarding the purpose and rationale for graduate study.
5. An original research paper showing competence in the use of the English language and with conducting research.
6. Curriculum Vita/resume
7. Three academic letters of recommendation
8. Official transcripts
9. Completion of the Graduate Record Exam (GRE)
10. Applicants for the emphasis in Studio Art must also submit a Portfolio. The portfolio should consist of 20 individual images on a CD. Digital submissions should be accompanied by a list containing the artist's name, title, dimensions, media, and date of completion. Three-dimensional works may include multiple views/details.

MA in Art with an Emphasis in Art History Degree Requirements

The MA in Art with an emphasis in Art History is a 36-hour degree program. All students complete a 6-hour set of Core Courses and 24 hours in art history electives. After 18 hours of study, students must select one of the two following options with an advisors approval.

Graduate students should take no more than 9 hours in a regular term and 6 hours during summer terms

Option I: M.A. in Art with an Emphasis in Art History With Thesis

1. Core Classes required of all students (6 hours)
Select two of the following courses:
ART 5337: Theory and Research methods in Art History
ART 5336: Aesthetics and Criticism
ART 5394: Contemporary Issues
2. Art History Electives (24 hours)
3. Thesis (6 hours)

Option II: M.A. in Art with an Emphasis in Art History Without Thesis

1. Core Classes required of all students (6 hours)
Select two of the following courses:
ART 5337: Theory and Research methods in Art History
ART 5336: Aesthetics and Criticism
ART 5394: Contemporary Issues
2. Art History Electives (24 hours)
3. Art History or Studio Art Electives (6 hours)

Additional Requirements

1. Language Requirement: Students must be proficient in German, French, or another language in consultation with a professor. The language requirement can be fulfilled concurrently with the degree program. Students are required to pass one of the following:
 - a. An oral and written proficiency exam given by the Department of Language and Literature (Spanish, French, or Latin)
 - b. A nationally standardized examination (such as the MLA Cooperative Foreign Language Test) in their chosen language
 - c. Receive a grade of "B" or higher in 12-16 semester hours of college-level classes in a single foreign language.
2. Students must receive a grade of "B" or higher in all graduate level coursework.
3. Students selecting Option II: MA in Art with an Emphasis in Art History Without Thesis must successfully complete a comprehensive examination.

MA in Art Emphasis in Studio Art Degree Requirements

The MA in Art with an emphasis in Studio Art is a 36-hour degree program. Students complete a 9-hour set of Core Courses, 21 hours in one of three tracks (three-dimensional, two-dimensional or art history); and 6 hours of thesis or exhibition.

Graduate students should take no more than 9 hours in a regular term and 6 hours during summer terms.

Core Classes required of all students (9 hours)

ART 5336	Aesthetics and Criticism
ART 5394	Contemporary Issues
	One of the following:
ART 5342	Medieval Art

ART 5343	Graduate Studies in Greek and Roman Art
ART 5345	Graduate Studies in Renaissance Art History
ART 5346	Graduate Studies in Baroque and Rococo Art
ART 5347	Graduate Studies in Nineteenth Century Art
ART 5348	Graduate Studies in Art in America
ART 5349	Graduate Studies in Twentieth-Century Art
ART 5390	Selected Topics in Art

Studio Electives (21 hrs.)

Studio electives to be chosen from one of three tracks (two -dimensional or three-dimensional or mixed-media)

Thesis/Exhibition (6 hrs.)**Additional Requirement**

Students must receive a grade of "B" or higher in all graduate level coursework.

Department of Biology

Dr. Srinivas Kambhampati, Chair

The Department of Biology offers the Master of Science in Biology and participates in the Master of Arts and Master of Science programs in Interdisciplinary Studies.

Biology M.S.

The Department of Biology offers graduate studies leading to the degree of Master of Science in Biology with a thesis and a non-thesis option (see below). The program is designed to provide graduate education for students who intend to pursue vocations in industry, government, teaching, research, and further graduate education leading to a doctorate. The department offers course work and research in the following general areas: genetics genomics, bioinformatics, evolutionary biology, phylogenetics developmental biology, microbiology, insect biology, conservation biology, and ecology. This program is designed for students preparing for careers requiring analytical, research, and problem solving skills.

Master of Science in Biology--Total Semester Hours=30

Admission Requirements

In addition to the general requirements for admission to Graduate School, the requirements for admission to the Master of Science in Biology are as follows:

1. Bachelor's degree in science with a major in biology or a closely related field from an accredited college or university with a minimum grade point average of 3.0/4.0 or equivalent.
2. A satisfactory score on the General Test (verbal, quantitative, and analytical) of the Graduate Record Examination (GRE). Students who do not have satisfactory scores on the GRE may be admitted under the condition that they obtain a grade of "B" or higher on a prescribed set of undergraduate and/or graduate courses that are approved by the department.

3. A satisfactory grade point average on all prior advanced (junior, senior and graduate) work taken.
4. A satisfactory score on TOEFL or an equivalent test for applicants whose native language is not English.
5. Approval by departmental Graduate Affairs Committee and the Graduate Program Coordinator.
6. Consideration may also be given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree and Graduation Requirements

Thesis Option

Each candidate for the M.S. degree in Biology (thesis option) must:

1. Complete a minimum of 30 semester hours of graduate credit including six hours of thesis (BIOL 5395, BIOL 5396).
2. Complete a research-based thesis.
3. Maintain a minimum grade point average of 3.0 on all course work. Only grades of "B" or better can be applied toward the degree.
4. Demonstrate satisfactory performance on a final comprehensive oral and/or written examination covering the courses, thesis and other academic or laboratory components of the student's program selected by the graduate advisory committee.

Non-thesis Option

Each candidate for the M.S. degree in Biology (non-thesis option) must:

1. Complete a minimum of 30 semester hours of graduate credit including six hours of Biological Research (BIOL 5394).
2. Maintain a minimum grade point average of 3.0 on all course work. Only grade of B or better will be applied toward the degree.
3. Demonstrate satisfactory performance on a final comprehensive oral and /or written examination covering the courses, a non-research based professional paper, and other academic or laboratory components of the student's program selected by the graduate advisory committee.

Department of Communication

Dr. Dennis Cali, Chair

The Department of Communication offers the Master of Arts in Communication degree. This communication degree provides academic preparation for those pursuing professional careers in speech communication, teaching, and journalism, and will develop critical understanding of communication, aesthetics and cultural education. The department also participates in the Master of Arts and Master of Science degree programs in Interdisciplinary Studies and offers elective courses for students seeking other graduate degrees. The Interdisciplinary Studies degree program is in the graduate section of this catalog.

Communication M.A.

The Master of Arts in Communication degree is a course of study for persons in or preparing for, further graduate study or mid-level and upper-level professional positions in public and nonprofit organizations. The program emphasizes the theoretical, practical, and analytical abilities required of persons holding responsible communication positions. Centered in the Department of Communication, it also permits the incorporation of specialized fields of interest such as general communication, journalism, mass communication, speech communication and emerging fields of public relations.

The course of study is designed to prepare students for matriculation to doctoral programs in communication, 2) train degree recipients for teaching responsibilities at the junior college level, and/or 3) provide professionals for private and public sector employment in the emerging fields of public relations.

The program has two tracks/concentrations: the generalist MA and Executive program in the emerging fields of public relations.

Master of Arts in Communication--Total Semester Hours=36

Admission Requirements

The requirements for admission to the communication MA program are as follows:

1. A baccalaureate degree from an accredited college or university.
2. A minimum grade point average of 3.0 on a 4 point scale on all upper-division course work.
3. For applicants to the generalist track:
 - a. A satisfactory score on the General Test (verbal, quantitative, and analytical) of the Graduate Record Examination (GRE). The GRE should be completed prior to the conclusion of the first long semester of enrollment.
 - b. Two favorable letters of recommendation.
4. Additional consideration for admission will be based upon the applicant's demonstrated commitment to his or her chosen field of study, involvement and level of responsibility in non-academic matters including extracurricular activities, employment, community service, and socioeconomic background.
5. Students who do not have a journalism or speech communication major or minor in their undergraduate studies may be required to take leveling courses as determined by the communication graduate faculty.
6. In addition to requirements 1 and 2, applicants to the Executive Program in Emerging Fields in Public Relations must have at least three years of full-time employment in the communication field. They must also submit a current resume and obtain the approval of the program director.

MA Generalist Track Degree Requirements

All candidates in the generalist track for the Master of Arts degree in communication must meet the following requirements:

1. Completion of a minimum of 36 hours of graduate credit with a cumulative grade-point average of 3.0 in all course work applied towards the degree.
2. No more than six semester hours in independent study courses may be applied to this degree.
3. A grade of "B" or better in each core course.

4. Satisfactory performance on a comprehensive written and/or oral examination, to be taken during the student's last semester of enrollment, over the work covered in his or her degree program (see specific requirements of thesis and non-thesis options below).
5. Students choosing the thesis option must submit a standard master's quality thesis involving original research and satisfactorily defend the thesis. Students choosing the thesis option must complete 30 hours of coursework and COMM 5395 Thesis I and COMM 5396 Thesis II.
6. Students choosing the non-thesis option must complete 36 hours of coursework and satisfactorily complete a comprehensive examination over coursework taken.

MA Generalist Track Course Requirements

Core Courses (9 Hrs.)

COMM 5308	Seminar in Communication Theories
COMM 5310	Communication Research Methods
COMM 5311	Seminar in Communication

Elective Courses (21 hrs. for Thesis Option; 27 hrs. for Non-Thesis Option)

COMM 5301	Literature of Journalism
COMM 5302	Seminar in Rhetorical Criticism
COMM 5303	Public Opinion and Propaganda
COMM 5315	Mass Media and Popular Culture
COMM 5328	Leadership and the Group Process
COMM 5329	Topics in Communication Theory
COMM 5330	Gender and Communication
COMM 5335	Seminar in Organizational Communication
COMM 5340	Seminar in Intercultural Communication
COMM 5344	Seminar in Media Ecology
COMM 5345	New Media Theories and Applications
COMM 5350	Nonverbal Communication
COMM 5351	Freedom and Responsibility of Communication
COMM 5399	Independent Study

Thesis Option (6 hrs.)

COMM 5395	Thesis
COMM 5396	Thesis

Executive MA Program: Emerging Fields in Public Relations

This program will be available "pending approval by the Southern Association of Colleges and Schools Commission on Colleges."

The Executive Communication (ECOM) track is designed for working members of the communication community. The program is taught using the "hybrid" model with one week of concentrated on-site instruction in Tyler each semester and additional requirements to be met online using Blackboard course management system. Courses are taught by expert faculty from around the country.

The ECOM program requires 36 semester credit hours. Students take three courses (nine credit hours) per semester and complete the degree in four regular semesters including one summer semester. The ECOM concentration is tightly sequenced and each cohort is admitted once a year in the fall semester. A student who misses a course will be required to wait for the next cohort.

Each candidate for the degree in the ECOM track must satisfactorily complete 36 hours of course work as indicated:

Cohort courses (all students take these)

COMM 5308	Seminar in Communication Theories
COMM 5310	Communication Research Methods

COMM 5311	Seminar in Communication
ECOM 5312	New Media Communication Law and Ethics
ECOM 5313	Trending Media Technologies
ECOM 5314	Developing an Innovative Media Plan
ECOM 5315	Crisis Communication and Media Relations
ECOM 5322	Current Communication Issues
ECOM 5623	Capstone

Students select one specialization, take both courses

Healthcare Public Relations

ECOM 5316	Survey in Healthcare Communication
ECOM 5317	Healthcare Messages and Media Relations

PR in the Public Sphere

ECOM 5318	Survey in Public Sector Communication
ECOM 5319	Image Design and Management

Corporate Public Relations

ECOM 5320	Survey in Corporate Communications
ECOM 5321	Organizational Communication Dynamics

All candidates for the Executive Masters in Communication: Emerging Fields in Public Relations degree must meet the following requirements:

1. Completion of a minimum of 36 hours of graduate credit with a cumulative grade-point average of 3.0 in all course work applied towards the degree with no more than one grade of "C".
2. Satisfactory performance on a final project, to be completed during the student's last semester of enrollment.

Department of Literature and Languages

Dr. Hui Wu, Chair

The Department of Literature and Languages offers a Master of Arts degree in English, with face-to-face and online options, and elective courses for students seeking other graduate degrees.

English M.A.

The Master of Arts degree in English at UT Tyler provides exciting opportunities for study in the fields of literature, writing, and rhetoric. Its mission is to graduate students who have mastered advanced skills in critical thinking, textual interpretation, rigorous researching, and analytical writing. The program offers students a deepened understanding of literature's cultural intellectual legacy, the ability to write well and with discernment, and the skills needed to effectively acquire knowledge and to communicate ideas in preparation for employment or doctoral study.

Master of Arts in English--Total Semester Hours=36

Admission Requirements

1. A baccalaureate degree from an accredited college or university
2. A satisfactory GRE score on the General Test of the Graduate Record Exam. Emphasis will be placed on scores for the Verbal Reasoning and Analytical Writing sections of the test. GRE scores must be submitted by the end of the first semester of enrollment or 9 hours of course work, whichever comes first. Students who do not have satisfactory scores on the GRE may still be admitted upon the condition that they complete two courses selected in consultation with the Graduate Director. The student must have a cumulative

grade of "B" or higher for all courses completed during the period of conditional enrollment.

3. A minimum grade point average of 3.25 on a 4.0 point scale on all upper-division course work.
4. A minimum grade point average of 3.50 on a 4.0 point scale on twenty-one hours of undergraduate English courses including at least twelve hours of upper-division work.
5. An essay of maximum 500 words stating the applicant's purpose of pursuing an English MA. This essay should be single-spaced and word-processed. The Statement of Purpose (as with all application materials) should be submitted to the Office of Graduate Admissions.

US Postal Service: The University of Texas at Tyler, The Office of Graduate Admissions, Tyler, Texas 75799 Email: ogs@uttyler.edu . Fax: (903) 566-7475
6. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, multilingual proficiency, geographic region of residence, status as a first generation college graduate, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

A total of thirty-six semester hours of graduate work is required. No more than nine hours of graduate credit in which a "B" or better has been earned may be transferred from another institution. All transfer work is subject to approval by the student's advisor. No more than six semester hours in independent study courses and six semester hours in travel/study courses may be applied to this degree. Twelve hours of a single foreign language or an equivalent competency is a requisite for this degree. Subject to departmental approval, hours may be transferred from another institution of higher learning and/or a previous degree. Neither a student's native language nor English as a second language may be used to meet this degree requirement.

Option I: Master of Arts in English with Thesis (36 hours)

ENGL 5300	Bibliography and Methods of Research
ENGL 5397	Guided Individual Study
ENGL 5395	Thesis
	or
ENGL 5396	Thesis

Two of the following (6 hrs.):

ENGL 5367	Studies in Creative Writing
ENGL 5369	Topics in English
ENGL 5379	History of the English Language
ENGL 5385	Literary Theory and Criticism
ENGL 5388	History and Practice of Rhetoric
ENGL 5390	Studies in Composition
ENGL 5392	History, Theory and Practice of Writing Centers

Select from the following (21 hrs.):

Early/Early Modern Literature (at least 6 hours)

Later Literature (at least 6 hours)

Electives in ENGL (at least 9 hours)

Notes:

ENGL 5300 should be taken as soon as possible upon entering the program

ENGL 5390 required for Teaching Assistants

Option II: Master of Arts in English Without Thesis (36 hours)

ENGL 5300	Bibliography and Methods of Research
ENGL 5397	Guided Individual Study

Two of the following (6 hrs.):

ENGL 5367	Studies in Creative Writing
ENGL 5379	History of the English Language
ENGL 5385	Literary Theory and Criticism
ENGL 5388	History and Practice of Rhetoric
ENGL 5390	Studies in Composition
ENGL 5392	History, Theory and Practice of Writing Centers

Select from the following (24 hrs.):

Early/Early Modern Literature (at least 6 hours)

Later Literature (at least 6 hours)

Electives in ENGL (at least 12 hours)

Notes:

ENGL 5300 should be taken as soon as possible upon entering program

ENGL 5390 required for Teaching Assistants

Graduation Requirements

1. A cumulative grade point average of 3.0 in all graduate work attempted
2. Successful completion of ENGL 5397 and a comprehensive examination
3. Twelve hours or equivalent, or demonstrated reading knowledge, of a foreign language.

Time Limitation: Degree requirements for graduate programs at UT Tyler must be completed within a six-year period.

Other Course Offerings

Although UT Tyler does not offer graduate degrees in Philosophy or Spanish, courses in these areas are offered as electives within the Department of Literature and Languages for students seeking graduate degrees in other disciplines. Both Spanish and Philosophy are available as a second or third field in the Master of Arts and Master of Science degree programs in interdisciplinary studies.

Department of Mathematics

Dr. Sheldon Davis, Chair

Mathematics M.S.

The Master of Science in mathematics program is designed to provide a graduate level education for students who intend to teach at various levels, students who will continue or seek employment within the industrial sector, and students who intend to continue their education beyond the master's level at other institutions.

Master of Science in Mathematics--Total Semester Hours=36**Admission Requirements**

In addition to the general requirements for admission to graduate study, the requirements for admission to the mathematics programs are as follows:

1. A satisfactory score on the General Test of the Graduate Record Examination (GRE).
2. A satisfactory grade point average on all prior advanced level (junior, senior, and graduate) work taken.
3. A proficiency in the use of the English language. If a student's verbal score on the General Test of the GRE is below an acceptable minimum, the student must pass an English proficiency test.
4. The equivalent of an undergraduate degree in mathematics at this institution. Must meet deficiencies before Full Admission is granted.
5. Students who do not have satisfactory scores on the Graduate Record Examination may be admitted under the condition that they obtain a grade of "B" or higher in a prescribed set of graduate courses that are approved by the department.
6. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

Each candidate for the degree must complete:

A minimum of 36 semester hours of graduate credit which may include a research project or thesis

A core curriculum:

MATH 5331	Algebra
MATH 5341	Real Analysis
MATH 5351	Mathematical Probability
MATH 5381	Applied Mathematics I

At least two of the following:

MATH 5333	Topics in Algebra
MATH 5343	Topics in Real Analysis
MATH 5352	Mathematical Statistics
MATH 5383	Topics in Applied Mathematics

Graduation Requirements

Candidates for the master's degree in mathematics must also meet the following requirements:

1. A cumulative 3.0 grade point average on all course work. Only grades of "B" or better can be applied towards the degree.
2. Satisfactory performance on a final comprehensive examination covering those core courses and either the thesis, project or an additional area within the students program selected by the student in conjunction with the graduate advisor.

Department of Political Science and History

Dr. Marcus Stadelmann, Chair

Political Science M.A.

The Master of Arts in Political Science focuses instruction on four areas: American politics, political theory, comparative politics, and international relations. This course of study is designed to 1) prepare students for matriculation to doctoral programs in political science, 2) train degree recipients for teaching responsibilities at the junior college level, and/or 3) provide professional competencies for private and public sector employment.

Master of Arts in Political Science--Total Semester Hours=36

Admissions Requirements

In addition to the general requirements for admission to graduate study, the requirements for admission to the political science program are as follows:

1. A baccalaureate degree from an accredited college or university
2. A satisfactory score on the General Test (verbal, quantitative, and analytical) of the Graduate Record Examination (GRE).
3. A satisfactory grade-point average on all prior advanced-level (junior, senior, and graduate) work (Minimum GPA - 3.0)
4. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

The Master of Arts degree in Political Science is intended for students seeking broad knowledge of the field of political science, and who may wish to complement that knowledge with additional course work and intensive reading within the discipline. Students will take 36 hours of coursework and then show mastery of three of the major sub-disciplines of Political Science by passing written comprehensive examinations in each.

Master of Arts in Political Science

Five core seminars (15 hrs.)

POLS 5300	Seminar in Scope and Methods
POLS 5311	Seminar in American Government
POLS 5321	Seminar in Political Theory
POLS 5331	Seminar in Comparative Politics
POLS 5341	Seminar in International Relations

Approved electives (21 hrs.)

Graduation Requirements

All candidates for the Master of Arts degree in political science must also meet the following requirements:

1. A cumulative grade-point average of 3.0 in all course work applied towards the degree.
2. Satisfactory performance on a final comprehensive written examination. The examination will consist of questions from three of the following sub-disciplines: American politics; comparative politics; international relations; political theory. The student must take at least 6 hours of coursework in a sub-discipline in order to take an exam in that sub-discipline.

History M.A.

The Master of Arts degree in history emphasizes instruction in the following areas: (1) Europe to 1715; (2) Europe since 1715; (3) United States to 1877; and (4) United States since 1877. The program is designed for students wishing to pursue graduate study in history. It may also serve those who wish to pursue elementary, secondary, or junior college teaching careers.

Master of Arts in History--Total Semester Hours=36

Admission Requirements

1. A baccalaureate degree in History from an accredited college or university or a baccalaureate degree outside of History that includes a minimum of 12 semester hours of upper-division History courses.
2. A satisfactory score on the Miller Analogies Test (MAT).
3. A minimum GPA of 3.0 on all prior upper-division work.
4. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

A total of 36 semester hours of graduate work is required. A student may transfer a maximum of six semester hours of graduate work in which a grade of "B" or better has been earned from approved institutions. All transfer work is subject to approval by the student's advisor. No more than six semester hours in independent study courses and six semester hours in travel/study courses may be applied to this degree.

1. Reading seminars (12 hrs.)
One in each of the following areas
European history to 1715
European history since 1715
United States history to 1877
United States history since 1877
2. Research seminar (3 hrs.)
3. HIST 5394: Historiography (3 hrs.)
4. Other History Courses
Option I - with foreign language and thesis
History courses (12 hrs.)
HIST 5395 and HIST 5396: Thesis (6 hrs.)
Option II - without foreign language and thesis
History courses (18 hrs.)

Graduation Requirements

1. A cumulative grade point average of 3.0 in all graduate history work attempted
2. Successful completion of a written comprehensive examination
3. Foreign language (Option I only)—Twelve credit hours, or demonstrated reading knowledge, of a single foreign language.

Department of Social Sciences

Dr. Barbara Hart, Chair

The Department of Social Sciences offers the Master of Public Administration degree and the Master of Science in Criminal Justice. The department also participates in the Master of Arts and Master of Science degree programs in interdisciplinary studies and offers elective courses for students seeking other graduate degrees.

Master of Public Administration

The Master of Public Administration degree is a professional course of study for persons in, or preparing for, mid-level or upper-level management positions in public and nonprofit organizations. The program emphasizes the theoretical, practical, and analytical abilities required of persons holding responsible public positions. Centered in

the Department of Social Sciences, it also permits the incorporation of specialized fields of interest such as general administration, criminal justice, urban and regional planning, research and evaluation, and health care administration.

The program has two tracks/concentrations: The Generalist MPA and Executive Health Care Administration

Admission Requirements

1. A baccalaureate degree from an accredited college or university.
2. A minimum grade point average of 3.0 on a 4 point scale on the last 60 hours of undergraduate and/or graduate coursework. Candidates with advanced degrees will be given preference.
3. For applicants to the Generalist track:
 - a. Three years of full-time employment in a public or non-profit organization is required. A curriculum vita should be submitted to document employment in a public or non-profit organization. A satisfactory score on the Verbal and Quantitative sections of the Graduate Record Examination (GRE) may be substituted for the employment requirement in the Generalist track.
 - b. A letter expressing interest and motivation for pursuing the degree should be submitted; and an interview may be required
 - c. A course in research methods is recommended before admission to that track
4. In addition to requirements 1. and 2., applicants to the Health Care Administration track must have at least three years of full-time employment in a health care profession. They must also submit:
 - a. An Applicant Information Sheet
 - b. A 300 word written essay
 - c. A resume'
 - d. Three letters of recommendation; preferably one from a supervisor

An on-campus interview with the Director of the Health Care Administration track or other designated faculty member is also required.

5. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

MPA Generalist Concentration Degree Requirements

Each candidate for the degree must satisfactorily complete 36 hours of course work as indicated:

Core Curriculum (21 hours required)

PADM 5330	Survey of Public Administration
PADM 5331	Information Systems in Public Administration
PADM 5332	Public Budgeting and Finance
PADM 5336	Administrative Ethics
PADM 5337	Administrative Law
PADM 5396	Research Methods
MANA 5350	Strategic Human Resources Management

Area of Concentration (9 hours)

The MPA program offers 5 areas of concentration: general administration, criminal justice, urban and regional planning, research and evaluation, and health care administration.

General Administration (9 hrs.):

3 hours selected from the following courses:

PADM 5335	Topics in Policy Analysis
PADM 5338	Program Evaluation
PADM 5397	Advanced Social Science Analysis

6 additional hours in appropriate graduate courses in public administration, economics, geography, political science, and sociology. To be decided with the consent of the MPA coordinator.

Criminal Justice (9 hrs.):

CRIJ 5303	Contemporary Criminological Theory
	6 additional graduate hours in criminal justice

Urban and Regional Planning (9 hrs.):

GEOG 5330	Geographic Information Systems
PADM 5339	Urban and Regional Planning
SOCI 5307	Seminar In Metropolitan Problems
SOCI 5385	Studies In Demography

Research and Evaluation (9 hrs.):

PADM 5335	Topics in Policy Analysis
PADM 5338	Program Evaluation
PADM 5397	Advanced Social Science Analysis

Health Care Administration (9 hrs.):

PADM 5344	Health Policy and Politics
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6 hours to be selected from the following courses:

ALHS 5350	Public Health Administration
ECON 5340	Economics of Public Policy
MANA 5320	Leading and Managing People
PADM 5338	Program Evaluation
HECC 5370	Ethics
	or
NURS 5308	Contemporary Healthcare Ethics

ECON 5340: has economics prerequisites

Electives (6 hours)

To be chosen with the consent of MPA Coordinator to strengthen students' programs and might emphasize either substantive content or skill development. Students without previous agency experience may elect to take an additional 6 hours of internship. Internship credit must be in addition to the 36 hour degree requirement.

Graduation Requirements

All candidates for the master of public administration degree must also meet the following requirements:

1. A cumulative grade point average of 3.0 (4.0 basis) on all work taken for graduate credit. No course with a grade below "C" may be applied toward this degree.
2. Satisfactory performance on a comprehensive written or oral examination, to be taken during the student's last semester of enrollment, over the work covered in his degree program. Any student who fails the comprehensive examination may, upon recommendation of the Graduate Coordinator, be granted permission to take a second examination. Upon failing the second examination, the student will be dropped from the program.

Executive Health Care Administration MPA Degree Requirements

The Executive Health Care (EHCA) concentration is designed for working members of the healthcare community. The program is taught using the "hybrid" model with one week of concentrated on-site instruction in Tyler and additional requirements to be met online using

Blackboard course management system. Courses are taught by expert visiting faculty from around the country.

The EHCA program requires 36 semester credit hours. Students take three courses (nine credit hours) per semester and complete the degree in three regular semesters plus one summer session at the end of the program. The EHCA concentration is tightly sequenced and each cohort is admitted once a year in the Fall semester. A student who misses a course will be required to wait for the next cohort.

Each candidate for the degree must satisfactorily complete 36 hours of course work as indicated:

Core Curriculum (9 hours required)

PADM 5332	Public Budgeting and Finance
PADM 5350	Seminar in Human Resources Management (Same as MANA 5350)
PADM 5335	Topics in Policy Analysis

Health Care Concentration (27 hours)

EHCA 5360	Introduction to the American Healthcare System
EHCA 5361	Healthcare Accounting
EHCA 5363	Healthcare Negotiation and Communication
EHCA 5365	Managerial Epidemiology
EHCA 5366	Healthcare Advertising, Promotion, and Marketing
EHCA 5367	Biostatistics
EHCA 5368	Strategic Planning for Health Care
EHCA 5370	Health Economics
EHCA 5371	Health Services Capstone

Graduation Requirements

All candidates for the Executive Health Care Administration concentration must also meet the following requirements:

1. A cumulative grade point average of 3.0 (4.0 basis) on all work taken for graduate credit. No course with a grade below "C" may be applied toward this degree.
2. Satisfactory performance on the final project and oral defense of the project in EHCA 5371: Healthcare Capstone. Any student who fails the oral component may, upon recommendation of the Graduate Coordinator, be granted permission to take a second examination. Upon failing the second examination, the student will be dropped from the program.

Criminal Justice M.S.

The purpose of this degree is to provide students with an opportunity for graduate-level education and a specialized degree in criminal justice. This degree will meet the educational needs of several types of students: (1) existing and prospective criminal justice agency personnel wishing to advance their knowledge and credentials in criminal justice, (2) students wishing to prepare for doctoral level work, (3) students wishing to prepare for community college teaching, and (4) students seeking more knowledge of crime and criminal justice.

Master of Science in Criminal Justice--Total Semester Hours=36

Admission Requirements

1. A baccalaureate degree from an accredited college or university.
2. A minimum grade point average of 3.0 on a 4 point scale on the last 60 hours of upper division coursework leading to the baccalaureate degree.

3. A minimum grade point average of 3.00 on at least 15 hours of undergraduate coursework in the social sciences.
4. A minimum grade of "C" in an upper division social science research methods course.
5. Three years of full-time employment in the social services or criminal justice sectors. A curriculum vita should be submitted to document employment. A satisfactory score on the Verbal and Quantitative sections of the Graduate Record Examination (GRE) may be substituted for the employment requirement.
6. Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

The Master of Science in Criminal Justice is a 36-hour degree. Students may choose the thesis or non-thesis option that includes comprehensive exams. The thesis option is recommended for those students who seek research experience or wish to pursue a doctorate.

Leveling Requirement (hours do not apply to degree requirements)

CRIJ 5300 Survey of Criminal Justice
required for those students lacking a criminal justice background

Required courses—21 hours

Ethics:

CRIJ 5336 Administrative Ethics

Administration:

CRIJ 5309 Seminar in Criminal Justice Administration

Corrections:

CRIJ 5313 Contemporary Issues in Corrections

Criminological Theory:

CRIJ 5303 Contemporary Criminological Theory

Law Adjudication:

CRIJ 5302 Judicial Policy and Social Process

Law Enforcement:

CRIJ 5332 Law Enforcement: Environment and Practice

Research and Analysis:

CRIJ 5396 Research Methods

Area of Concentration

Criminal Justice Generalist - Nine Hours Minimum

CRIJ 5301	Concepts of Law and Justice
CRIJ 5307	Criminal Justice Policy
CRIJ 5340	Violence and Society
CRIJ 5310	Topics in Criminal Justice Approved Elective/Thesis

Management - Nine Hours Minimum

PADM 5330	Survey of Public Administration
PADM 5331	Information Systems in Public Administration
PADM 5332	Public Budgeting and Finance
PADM 5337	Administrative Law
PADM 5350	Seminar in Human Resources Management (Same as MANA 5350) Approved Elective/Thesis

Research - Nine Hours Minimum

CRIJ 5397	Advanced Social Science Analysis
CRIJ 5338	Program Evaluation
PADM 5335	Topics in Policy Analysis

Approved Elective/Thesis

Thesis Option

Six semester hours from:

CRIJ 5394 and CRIJ 5395

Electives

CRIJ 5199 - CRIJ 5699 Independent Study - may be taken for one to six credit hours with permission of advisor and department chair

Other electives may be selected from:

Public Administration

Economics

Psychology

Sociology

Optional

Graduate level internships (CRIJ 5370 and CRIJ 5371) are available but may not be counted toward the 36-hour degree requirement.

Graduation Requirements

1. All students must achieve a cumulative 3.0 GPA on all work applied to the degree.
2. Thesis students must submit a standard master's quality thesis acceptable to a committee comprised of three UT Tyler faculty members, two of whom (including the thesis chair) must be criminal justice faculty. Thesis students will also give an oral defense of their thesis to faculty and students.
3. Non-thesis students must pass a final written comprehensive examination covering all core course work applied to the degree.

School of Performing Arts

Dr. Michael Thrasher, Director

The School of Performing Arts offers the Master of Arts in Interdisciplinary Studies with Music as the first field. The Interdisciplinary Studies degree program is described in the Graduate Policies section of this catalog.

Department of Music

Students seeking a Master's degree in interdisciplinary studies with music as the first field should have a minimum of 12 hours upper-division or graduate courses in music. For full admission to the program, all students must meet all requirements for admission to graduate study, perform an entrance audition on their principal performing medium before a faculty committee or submit a portfolio of compositions, and demonstrate proficiency through departmental entrance/advisory exams.

Interdisciplinary Studies M.A. (Music as first field)

The Master of Arts in Interdisciplinary Studies with Music as the primary field is intended to develop a breadth of knowledge and competency in the discipline of music, combined with coursework in two additional academic fields. The program offers students a flexible design that cuts across disciplinary boundaries, while providing a

curricular core in music history, theory, research methodology and applied skills. Through exposure to a variety of research methods, historical perspectives, and modes of inquiry, the program promotes advanced scholarship that transcends traditional disciplinary boundaries.

Normally, students seeking admission to the MAIS (Music Primary) program should hold a Bachelor of Music, Bachelor of Music Education, Bachelor of Arts in Music, or a related degree. In addition, students must meet all requirements for admission to graduate study, perform an entrance audition on their principal performing medium before a faculty committee or submit a portfolio of compositions, and demonstrate proficiency through departmental entrance/advisory exams.

Degree Requirements

The degree plan consists of the following components:

1. Music Core: 18 credits
 - a. MUSI 5301 Introduction to Graduate Music Research
 - b. MUSI 5315 Symphonic and Operatic Literature
 - c. MUSI 5321 Advanced Analytical Techniques
 - d. MUAP 52xx Applied study in primary instrument/voice/conducting (4 credits)
 - e. MUEN 51xx Music Ensemble (2 credits)
 - f. MUSI 5300 Graduate Music Practicum
2. Graduate Music Electives: 6 credits
3. First Outside Field: 6 credits
4. Second Outside Field: 6 credits
5. Total Degree Plan: 36 credits

As with other MAIS plans, the following requirements also apply:

1. A total of 36 semester hours of graduate work. No more than six semester hours of undergraduate courses approved for graduate credit may apply to this degree. A student may transfer a maximum of 9 semester hours of graduate credit in which a grade of "B" or better has been earned from approved institutions. All transfer work is subject to approval by the student's advisor.
2. Electives may be chosen with the advisor's approval.
3. A minimum grade-point average of 3.0 in each of the three fields and a minimum grade-point average of 3.0 in all graduate work. No course with a grade below "C" may be applied toward this degree.
4. No more than six semester credit hours in independent study courses.
5. Successful completion of a written, comprehensive examination over the fields of study shown in the degree plan. This examination will be administered and evaluated by the student's examination committee.

Examination Committee

The examination committee must have a minimum of three faculty members including the student's chief advisor, who chairs the committee and is a faculty member in the predominant field of the student's degree program, and one faculty member from each of the remaining two fields of that program.

GRADUATE COLLEGE OF BUSINESS AND TECHNOLOGY

Dr. James Lumpkin, Dean

Master of Business Administration

The basic objective of the Master of Business Administration (MBA) degree program is to offer individuals an opportunity to develop corporate leadership ability in an increasingly complex and dynamic global society by enhancing their knowledge, managerial skills and perspective. The broad, integrated curriculum provides the student with an opportunity to gain understanding of the major facets of multinational business operations in a competitive environment. The program includes work in the theoretical foundations of business, quantitative controls, decision-making, the development of advanced functional skills, and the global and ethical environment of business. An opportunity is also provided for a limited degree of specialization. The degree is delivered face-to-face, online, and in a hybrid format.

The program is a non-thesis program designed for graduates from recognized colleges of business as well as graduates in liberal arts, science, engineering, nursing, or other fields desiring to undertake professional studies in the area of business administration. This degree can be completed with any combination of face-to-face, hybrid, or online course offerings.

Admissions

The requirements to be a graduate student in business administration are:

- Admission to the degree program is determined primarily on the basis of predictors of success in graduate study:
 - a baccalaureate degree from an accredited institution,
 - grade point average computed on the last 60 undergraduate hours and
 - a satisfactory score on the Graduate Management Admissions Test (GMAT). In rare instances the Graduate Record Examination (GRE) may be accepted in lieu of the GMAT.
- Quantitative measures are integrated into an index that multiplies the applicant's 60-hour GPA times 200 and adds the total GMAT score ($60\text{-hour GPA} \times 200 + \text{GMAT} = >1000$). An index score of greater than 1000 is typical of a successful candidate. If the student's 60-hour GPA is above 3.25 the GMAT may be waived.
- Additionally, applicants with three or more years of extensive managerial work experience may request to have the GMAT requirement waived by the Graduate Coordinator. This decision is made on a case-by-case basis; "extensive managerial experience" will typically mean a full-time supervisory or managerial position held for a significant period of time after completing the bachelor's degree as demonstrated with a resume.
- Consideration may also be given to other factors.
- International applicants must meet the minimum requirements as stated in the International Graduate Student Admissions section of this catalog.

- No more than nine semester credit hours of graduate credit earned prior to acceptance into the program, including transfer credit, may be applied to the degree. Students seeking admission to the program who have not yet satisfied admission criteria may be admitted as conditional or provisional students and allowed to complete one semester with up to nine hours of coursework.
- After reviewing all credentials (official transcripts, GMAT score, other relevant information), the Graduate Program Advisor and the College of Business and Technology Graduate Admissions Committee will determine if the student may be accepted into the program. A degree plan will be prepared by the Graduate Program Advisor with the student. Students will be notified of official acceptance into the program. Full admission must occur prior to enrollment beyond nine semester credit hours including any transfer credit.

Although a student may not have completed all baccalaureate work at the time of application, a provisional admission decision will be made on the strength of the student's permanent record before the student can be enrolled as a graduate student in business.

The student must maintain a 3.0 grade point average (4.0 basis) on all graduate work at UT Tyler. No course with a grade below "C" may be applied toward this degree.

Transfer of Credit

Subject to the approval of the Graduate Program Advisor and the Dean of the College of Business and Technology (CBT), a student may transfer up to nine (9) hours of graduate credit earned at an approved institution. Graduate credit over three years old at the time of admission generally may not be used to meet degree requirements.

Degree Requirements

The MBA degree requirements are outlined below (36 hrs.):

ACCT 5320	Accounting for Management Control
ECON 5320	Economics for Managers
FINA 5320	Advanced Financial Management
MANA 5305	Decision Making in Operations Management
MANA 5320	Leading and Managing People
MANA 5350	Strategic Human Resources Management
MANA 5395	Formulating and Implementing Strategy
MARK 5320	Advanced Marketing Fundamentals
MANA 5360	Global Business Perspectives
	Electives (9 hours)

Industry Specific Preparation

Students who wish to develop a specific foundation to pursue their desired career objective may tailor the MBA program to meet specific requirements of certain industries, positions, or business sectors. Such preparation in the MBA program may be accomplished via targeting the nine (9) semester credit hours of elective courses to enhance a student's skill set within a specific field of study.

Health Care Management

The MBA Health Care Management specific program is designed to provide students with industry relevant knowledge in the fundamental areas of the health care profession. The industry specific concentration develops skills relevant to the health care profession and provides exposure to contemporary issues in health care. Applicants with three or more years of extensive health care work experience can request to have the GMAT requirement waived by the Graduate Advisor. Relevant courses might include: MARK 5370, MANA 5361, and MANA 5375.

Quality Management

Individuals with specializations in quality management are attractive across a broad spectrum of industries and in both the service and manufacturing sectors of the economy. Students interested in this area of specialization should select courses from across the university that focus on quality issues, and should consider taking TECH 5310: Six Sigma Quality, TECH 5320: Total Quality Management, and TECH 5335: Lean Management.

Organizational Development

Students interested in careers in Organizational Development are likely to find positions as internal consultants in large organizations or with either professional consulting firms or the business consulting services associated with management development and accounting firms. Students interested in this area should consider enrolling in HRD 5352: Organizational Development, HRD 5344: Conflict Resolution, HRD 5343: Foundations of HRD.

Master of Accountancy (MAcc)

Total Semester Credit Hours = 30

The objective of the Master of Accountancy (MAcc) degree program is to prepare students for professional accounting careers in the public, corporate, not-for-profit or governmental sectors. It is flexible enough to accommodate applicants with an undergraduate degree in any discipline who demonstrate the potential for success in the graduate study of accounting, as indicated by prior academic achievement, a satisfactory score on the Graduate Management Admission Test (GMAT), and other relevant factors. Students entering the MAcc program are expected to have a background equivalent to that of students graduating with a Bachelor of Business Administration (BBA) degree in accounting from The University of Texas at Tyler, or to obtain such background through specified prerequisite coursework.

The MAcc and The Uniform CPA Exam

Students with an undergraduate degree in accounting will meet the education requirements of the Texas State Board of Public Accountancy (TSBPA) to sit for the Uniform CPA Exam upon completion of the MAcc Program. Students with an undergraduate degree in business will meet the education requirements to sit for the CPA Exam upon completion of the MAcc Program and prerequisite courses. Students with an undergraduate degree in an area outside of business may need up to nine additional hours of coursework in related business courses if they wish to meet the education requirements to sit for the CPA Exam in Texas.

Application Materials

A completed application for admission will include:

1. Completed application form
2. Official transcripts from all universities attended
3. Official GMAT scores
4. Current resume with information regarding employment and other relevant experience
5. Letters of reference (optional)
6. A personal statement (optional)

Admissions

In addition to the general requirements for admission to graduate study and consistent with the UT Tyler Graduate Policies, the requirements to be a graduate student in the Master of Accountancy (MAcc) program are the following:

1. Admission to the MAcc degree program is determined primarily on the basis of predictors of success in graduate study: 1) a baccalaureate degree from an accredited institution, 2) a recommended grade point average of upper division accounting hours or on the last 60 undergraduate hours equal to or greater than 3.0 on a 4.0 scale and 3) a recommended score of 500 on the Graduate Management Admissions Test (GMAT). Consideration may also be given to other relevant factors.
2. International applicants must meet the minimum requirements as stated in the International Graduate Student Admissions section of this catalog.
3. After reviewing all credentials (official transcripts, GMAT score, and other relevant information), the MAcc Program Director will determine if the student may be accepted into the MAcc Program. Students will be notified of official acceptance into the MAcc Program. A degree plan will be prepared by the MAcc Program Director with the student. Full admission must occur prior to enrollment beyond nine semester credit hours. No graduate credit earned at another institution will be accepted as transfer credit.

Graduation Requirements

The MAcc is a non-thesis program. The minimum number of semester hours required for the MAcc degree, excluding prerequisite coursework, is 30. The student must maintain a 3.0 grade point average (4.0 basis) in all graduate coursework, and in all accounting graduate courses. No course with a grade below "C" may be applied toward this degree. A student receiving a grade below "C" may be dismissed from the program, as may a student receiving more than two "C's" during their program of study.

Students with an undergraduate degree in accounting typically qualify for waiver of the prerequisite requirements and complete the program in the minimum 30 hours. Students with an undergraduate degree in an area outside of accounting may be required to complete up to 24 hours of prerequisite courses or their equivalents.

Prerequisite Courses (up to 24 hours)

ACCT 3311	Intermediate Accounting I
ACCT 3312	Intermediate Accounting II
ACCT 3315	Cost Accounting
ACCT 3325	Income Tax I
ACCT 4380	Auditing
ACCT 4391	Accounting Information Systems
BLAW 4340	Business and Professional Ethics
MANA 3370	Business Writing and Oral Presentations

Required Courses (24 hours)

ACCT 5310	Research Problems in Federal Income Taxation
ACCT 5335	Advanced Government and Not-for-Profit Accounting
ACCT 5355	Strategic Cost Management
ACCT 5360	Advanced Problems in Accounting
ACCT 5380	Advanced Auditing
ACCT 5385	Research in Accounting Theory
BLAW 5310	Business Legal Environment
MANA 5360	Global Business Perspectives

Electives (6 hours)

Six hours of graduate electives in accounting, business law, economics, finance, management or marketing approved by the MAcc Program Director.

The Coordinated Master of Science in Nursing and Master of Business Administration

This coordinated Master of Science in Nursing and Master of Business Administration (MSN-MBA) degree option will prepare the nurse executive to ensure excellence in client care services, and also to impact the business environment in which nurses practice. This degree option incorporates content in management, economics, finance, and marketing into a framework for nursing service and health care administration.

Students applying for admission to the MSN-MBA coordinated degree option must meet the College of Nursing and Health Sciences and the College of Business and Technology requirements listed elsewhere in this catalog under the College of Nursing, the coordinated Master of Science in Nursing and Master of Business Administration.

Students completing the MSN-MBA coordinated degree option will be awarded their two degrees in the same academic term.

Business Certificate Programs

Lean Six Sigma Black Belt

The Lean Six Sigma Black Belt Certificate program prepares students with the knowledge and tools that they can use to lead quality improvement initiatives in companies, thereby, reducing waste and becoming more efficient. These efforts have allowed companies to become more competitive and successfully compete in global markets.

Admission Requirements

In addition to the general graduate admission requirements of The University of Texas at Tyler, admission to the certificate program is contingent upon favorable review by the graduate committee.

Admission to the certificate program requires the submission of a portfolio consisting of the following information.

1. A baccalaureate or advanced degree from an accredited college or university
2. Original transcripts
3. The admission process is complete when (a) the applicant has been notified in writing of acceptance to the certificate program and (b) a certificate plan of study has been signed by the student and the coordinator of graduate programs.

Credits earned in fulfillment of the Lean Six Sigma Black Belt Certificate Program may be applied to other graduate degrees in the College of Business and Technology. All other graduate degree regulations and policies are applicable to the certificate program.

Curriculum (15 hours total)

The following five courses must be completed with a grade of C or better while maintaining a minimum grade point average of 3.0. In addition, a student must pass a comprehensive exam pertaining to the lean six sigma black belt curriculum.

Required Courses

TECH 5310	Six Sigma Quality
TECH 5320	Total Quality Management
TECH 5335	Lean Management
TECH 5366	Value Stream Management
TECH 5390	Advanced Lean Six Sigma Black Belt Techniques

Organizational Development and Leadership Certificate

The Organizational Development and Leadership Certificate program prepares the student to apply the theories in leadership and organizational behavior and human resource development to organizational settings and consulting environments. The program enables students to utilize knowledge and skills required to lead, facilitate, and train within an organizational setting in addition to consult in the area of leadership, organizational development and change management.

Admission Requirements

In addition to the general graduate admission requirements of The University of Texas at Tyler, admission to the certificate program is contingent upon favorable review by the graduate committee.

Admission to the certificate program requires the submission of a portfolio consisting of the following information.

1. A baccalaureate or advanced degree from an accredited college or university
2. Original transcripts
3. The admission process is complete when (a) the applicant has been notified of acceptance to the certificate program.

Students must maintain a cumulative grade point average of 3.0 or greater. Upon successful completion of approved 18 semester credit hours, students will be awarded a certificate. Credits earned in fulfillment of the Organizational Development and Leadership Certificate Program may be applied to other graduate degrees in the College of Business and Technology. All other graduate degree regulations and policies are applicable to the certificate program.

Curriculum (18 hours total)**Required Courses**

MANA 5350	Strategic Human Resources Management
MANA 5320	Leading and Managing People
MANA 5360	Global Business Perspectives
HRD 5344	Conflict Resolution
HRD 5347	Performance Consulting
HRD 5352	Organization Development

Supply Chain Management

The Supply Chain Management Certificate program is specifically designed to prepare students for advancement in supply chain management careers related to manufacturing and service, logistics, procurement, business development, and operations.

Admission Requirements

In addition to the general graduate admission requirements of The University of Texas at Tyler, admission to the certificate program is contingent upon favorable review by the graduate committee.

Admission to the certificate program requires the submission of the following information:

1. A baccalaureate or advanced degree from an accredited college or university
2. Original transcripts
3. The admission process is complete when (a) the applicant has been notified in writing of acceptance to the certificate program and (b) a certificate plan of study has been signed by the student and the coordinator of graduate programs.

Students must maintain a cumulative grade point average of 3.0 or greater. Upon successful completion of approved 12 semester credit hours, students will be awarded a certificate. Credits earned in fulfillment of the Supply Chain Management Certificate Program may be applied to other graduate degrees in the College of Business and Technology. All other graduate degree regulations and policies are applicable to the certificate program.

Curriculum (12 hours total)

Required Courses

MANA 5305	Decision Making in Operations Management
ACCT 5320	Accounting for Management Control
TECH 5306	Advanced Logistics Management
TECH 5308	Strategic Sourcing

Human Resource Development M.S.

Human Resource Development (HRD) is a process of developing human expertise through organization development and personnel training and development so that individual improvement enhances corporate performance. Careers in this field are available in business, nonprofit, educational, and governmental settings. The HRD program provides students the opportunity to combine study and related experiences to develop, apply, analyze, synthesize, and evaluate knowledge of the purposes, practices, issues, and problems of private for profit and public not-for-profit organizations. Students also have the opportunity to learn how to design, deliver, and evaluate effective training programs.

Admission Requirements:

The requirements to be a graduate student in human resource development are the following:

1. Admission to the degree program is determined primarily on the basis of predictors of success in graduate study:
 - a. a baccalaureate degree from an accredited institution,

- b. grade point average computed on the last 60 undergraduate hours and
 - c. a satisfactory score on the Graduate Management Admissions Test (GMAT). In rare instances the Graduate Record Examination (GRE) may be accepted in lieu of the GMAT.
2. Quantitative measures are integrated into an index that multiplies the applicant's 60-hour GPA times 200 and adds the total GMAT score (60-hour GPA X 200) + GMAT = >1000. An index score of greater than 1000 is typical of a successful candidate. If the student's 60-hour GPA is above 3.25 the GMAT may be waived.
 3. Additionally, applicants with three or more years of extensive managerial work experience may request to have the GMAT requirement waived by the Graduate Coordinator. This decision is made on a case-by-case basis; "extensive managerial experience" will typically mean a full-time supervisory or managerial position held for a significant period of time after completing the bachelor's degree as demonstrated with a resume.
 4. Consideration may also be given to other factors.
 5. International applicants must meet the minimum requirements as stated in the International Graduate Student Admissions section of this catalog.
 6. No more than nine semester credit hours of graduate credit earned prior to acceptance into the program, including transfer credit, may be applied to the degree. Students seeking admission to the program who have not yet satisfied admission criteria may be admitted as conditional or provisional students and allowed to complete one semester with up to nine hours of coursework.
 7. After reviewing all credentials (official transcripts, GMAT score, other relevant information), the Graduate Programs Coordinator and the College of Business and Technology Graduate Admissions Committee will determine if the student may be accepted into the program. A degree plan will be prepared by the Graduate Program Advisor with the student. Students will be notified of official acceptance into the program. Full admission must occur prior to enrollment beyond nine semester credit hours including any transfer credit.

Although a student may not have completed all baccalaureate work at the time of application, a provisional admission decision will be made on the strength of the student's permanent record before the student can be enrolled as a graduate student in business.

The student must maintain a 3.0 grade point average (4.0 basis) on all graduate work at UT Tyler. No course with a grade below "C" may be applied toward this degree.

Degree Requirements

The Master of Science in HRD is a 36 hr. program which includes the following requirements that may be completed with any combination of face-to-face, hybrid, or online classes:

Professional Core (6 hrs.):

HRD 5343	Foundations of Human Resource Development
TECH 5303	Research Techniques in HRD/Technology

HRD Core (24 hrs.):

HRD 5307	Measurement and Evaluation in Human Resource Development/Technology Education
HRD 5336	Adult Learning
HRD 5344	Conflict Resolution
HRD 5347	Performance Consulting
HRD 5350	Leadership and Ethics in Human Resource Development

HRD 5352	Organization Development
MANA 5350	Strategic Human Resources Management
TECH 5320	Total Quality Management

Electives (6 hrs.):

Any graduate-level courses

Human Resource Development Ph.D.

The College of Business and Technology offers a unique doctorate that focuses on human resource development with a specialization in organizational development and change (ODC) in the context of business and industry that integrates a strategic management perspective. The program is offered in an on-campus format that is designed to prepare human resource development scholars that have a unique understanding of HRD within the context of business and management.

Doctoral Program Outcomes

The graduate of this program will be able to contribute to research and application in the areas of improving job performance, developing leadership talent within an organization, and facilitating a rapidly changing and culturally diverse workforce.

The doctoral program outcomes for candidates who successfully complete the program:

1. Integrate knowledge from HRD and related disciplines to support the development of researchers and scholars for diverse settings
2. Conduct research in HRD theory and practice
3. Create, synthesize and disseminate knowledge about the discipline
4. Provide HRD leaders in the workplace and in educational setting
5. Collaborate with national and international leaders to promote the discipline

Admission Requirements

The following criteria must be met for entry into the program:

1. Master's degree in HRD, business administration, management or related field from a college or university approved by a recognized national accrediting body.
2. 3.0 GPA (on 4.0 scale) on all previous academic coursework.
3. Submission of GMAT scores (in some cases the GRE may be accepted in lieu of the GMAT) taken within 5 years at time of application to the program.
4. Submission of a career statement that articulates the purpose for pursuing the Ph.D. in HRD and the connection of obtaining the degree with future career goals.
5. Submission of a complete resume or curriculum vita.
6. Submission of three original letters of recommendation that address the applicant's potential as a Ph.D. scholar in HRD.

Degree Requirements

The Ph.D. in HRD is a 60-hour program beyond the master's degree, culminating in a dissertation. For all University requirements for the Ph.D. degree, please refer to the Doctoral Policies section of the Graduate Policies and Programs chapter.

Required HRD Core (9hrs.)

HRD 6310	Advanced Theoretical Foundations of Human Resource Development
HRD 6312	Seminar in Contemporary Issues in the Human Resource Development Literature

HRD 6314	Application of Management and Technology in Human Resource Development
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Research Courses (15hrs.)

HRD 6350	Disciplined Inquiry in Human Resource Development
HRD 6352	Advanced Quantitative Research in Human Resource Development
HRD 6353	Advanced Qualitative Research in Human Resource Development
HRD 6355	Advanced Statistics in Research
HRD 6359	Research Seminar in Human Resource Development

ODC Specialization (21hrs.)

HRD 6311	Seminar in Organizational Change
HRD 6330	Seminar in Organizational Performance and Behavior
HRD 5352	Organization Development
MANA 5350	Strategic Human Resources Management
9 hours of HRD 6391	

Dissertation (15hrs.)

HRD 6195-6995	Dissertation
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Special Degree Requirements

For details on university doctoral requirements, see the general graduate section of this catalog and the UT Tyler Graduate Handbook.

1. Continued registration is contingent upon the student maintaining a 3.0 (on 4.0 scale) or higher GPA. To remain in good standing in the HRD PhD program, a student may make no more than one C grade regardless of their overall GPA. A second C grade or any one grade below a C will subject the student to dismissal from the HRD program at the discretion of the program director and the Dean of the College of Business and Technology.
2. Violation of the University Honor Code including cheating and plagiarism will subject the student to dismissal from the program.
3. The Proficiency Examination may be taken after the student has completed all coursework. Students may not advance to candidacy or register for dissertation hours until all coursework is completed and all portions of the Proficiency Examination have been passed successfully.
4. A dissertation of original research contributing to the body of knowledge in HRD will be required. Students must complete a minimum of 15 hours of dissertation credits.
5. Students must meet all doctoral degree requirements of the University.
6. Students have a maximum of 9 years to complete the doctoral program. Students will have 5 years to complete the program after entering candidacy. Students unable to complete the program within the designated time limits must file for an extension.

Transfer work: Students may not transfer coursework into this program.

School of Technology

The School of Technology is comprised of the Department of Computer Science and the Department of Technology. The School of Technology is authorized to award the following degrees:

Master of Science in Computer Science

Master of Science in Industrial Management

Department of Computer Science

Computer Science M.S.

The Master of Science in Computer Science offers individuals an opportunity to become more competent and productive in a variety of computing environments as computer science professionals and to prepare for further graduate study. The program is oriented toward the design, implementation and application of computer software. The program includes study in the various types of software such as compilers, operating systems, database systems and real-time systems.

The program is designed for graduates of computer science programs as well as baccalaureate graduates in other disciplines. Preparation in computer science will determine the point at which the student will enter this program.

Program Outcomes

Computer science students at the time of graduation are expected to attain:

1. ability to apply knowledge of computing and mathematics appropriate to the discipline;
2. an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution;
3. and ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs;
4. an ability to function effectively on teams to accomplish a common goal;
5. an understanding of professional, ethical, legal, and social issues and responsibilities;
6. an ability to communicate effectively with a range of audiences;
7. an ability to analyze the local and global impact of computing on individuals, organizations, and society;
8. a recognition of the need for an ability to engage in continuing professional development;
9. an ability to use current techniques, skills, and tools necessary for computing practice;
10. an ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices; and
11. an ability to apply design and development principles in the construction of software systems of varying complexity.

Admission Requirements

1. A satisfactory score on the General Test (verbal and quantitative) of the Graduate Record Examination (GRE)
2. A satisfactory grade point average on all prior advanced-level (junior, senior, and graduate) work taken
3. A demonstrated proficiency in the use of the English language. If a student's verbal score on the General Test of the GRE is below an acceptable minimum, the student must pass an English proficiency test.
4. An undergraduate major in computer science or course work in computer science including the content of COSC 1437, COSC 2315 and COSC 2336 or equivalent.
5. No more than nine semester credit hours of graduate credit earned prior to acceptance into the program, including transfer credit, may be applied to the MS degree. Students seeking admission to the MS program who have not yet satisfied admission criteria will be considered conditional. Conditional students must earn a grade of

“B” or better in all work attempted. A conditional student who earns a grade of “C” or lower will be denied admission to the program..

6. Approval by the departmental chair.

Consideration is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Prerequisites

In order to take a COSC course numbered 5326 or higher, a student must have satisfactorily completed six hours of calculus, COSC 2315 and COSC 2336 or equivalent.

Transfer of Credit

A student may transfer a maximum of 9 semester hours of graduate credit in which a grade of “B” or better has been earned from approved institutions. Transfer credit is subject to the approval of the student's advisor and departmental chair.

Degree Requirements

Candidates for the Master of Science in Computer Science must satisfactorily complete one of the following options:

Option 1—Thesis (30 SCH): This option requires 30 hours of graduate level course work in computer science including 15 semester hours of core courses and 6 hours of thesis COSC 5395/ COSC 5396.

Option 2- Project (30 SCH): This option requires 30 hours of graduate-level course work in computer science including 15 semester hours of core courses, COSC 5380, Research Project, and the successful completion of the Comprehensive Exam.

Option 3 - Professional (36 SCH): This option requires 36 hours of graduate-level course work in computer science including 15 semester hours of core courses and the successful completion of the Comprehensive Exam. At least 30 hours must be in Computer Science. Up to 6-hours of approved non-Computer Science may be permitted.

Core Requirements (15 hours)

The 15-semester-hour core requirement for the Master of Science in Computer Science is as follows:

COSC 5330	Operating Systems
COSC 5340	Programming Languages
COSC 5350	Data Communication and Networks
COSC 5360	Database Design
COSC 5393	Graduate Seminar

All candidates for the computer science degree must also meet the following requirements:

1. A minimum grade point average of 3.0 on all graduate level work taken at UT Tyler. No course with a grade below "C" may be applied toward this degree.
2. Students must complete each core course (COSC 5330, COSC 5340, COSC 5350, COSC 5360 and COSC 5393) with a grade of “B” or better.
3. (Options 2 and 3 only) Satisfactory performance on a comprehensive written examination. After two failed attempts of the comprehensive examinations, the department chair may

recommend that the class/classes for the failed subject(s) must be retaken before another attempt of the exam is given.

4. Students must have completed all of the core courses (COSC 5330, COSC 5340, COSC 5350, COSC 5360, and COSC 5393) with a grade of "B" or better in order to register for COSC 5380 or COSC 5395/ COSC 5396.
5. All COSC 5380 and COSC 5395/COSC 5396 students will have a committee composed of their advisor plus two additional Computer Science faculty members.

Department of Technology

Industrial Management M.S.

The Master of Science in Industrial Management is designed to prepare the individual for employment which involves management, administration, and other types of leadership positions in industry, business, government, or education.

Admission Requirements

The requirements to be a graduate student industrial management are the following:

1. Admission to the degree program is determined primarily on the basis of predictors of success in graduate study:
 - a. a baccalaureate degree from an accredited institution,
 - b. grade point average computed on the last 60 undergraduate hours and
 - c. a satisfactory score on the Graduate Management Admissions Test (GMAT). In rare instances the Graduate Record Examination (GRE) may be accepted in lieu of the GMAT.
2. Quantitative measures are integrated into an index that multiplies the applicant's 60-hour GPA times 200 and adds the total GMAT score (60-hour GPA X 200) + GMAT = >1000. An index score of greater than 1000 is typical of a successful candidate. If the student's 60-hour GPA is above 3.25 the GMAT may be waived.
3. Additionally, applicants with three or more years of extensive managerial work experience may request to have the GMAT requirement waived by the Graduate Coordinator. This decision is made on a case-by-case basis; "extensive managerial experience" will typically mean a full-time supervisory or managerial position held for a significant period of time after completing the bachelor's degree as demonstrated with a resume.
4. Consideration may also be given to other factors.
5. International applicants must meet the minimum requirements as stated in the International Graduate Student Admissions section of this catalog.
6. No more than nine semester credit hours of graduate credit earned prior to acceptance into the program, including transfer credit, may be applied to the degree. Students seeking admission to the program who have not yet satisfied admission criteria may be admitted as conditional or provisional students and allowed to complete one semester with up to nine hours of coursework.
7. After reviewing all credentials (official transcripts, GMAT score, other relevant information), the Graduate Programs Coordinator and the College of Business and Technology Graduate Admissions Committee will determine if the student may be accepted into the program. A degree plan will be prepared by the Graduate Program Advisor with the student. Students will be notified of official acceptance into the program. Full admission must occur prior to enrollment beyond nine semester credit hours including any transfer credit.

Although a student may not have completed all baccalaureate work at the time of application, a provisional admission decision will be made on the strength of the student's permanent record before the student can be enrolled as a graduate student in business.

The student must maintain a 3.0 grade point average (4.0 basis) on all graduate work at UT Tyler. No course with a grade below "C" may be applied toward this degree.

Degree Requirements

The Master of Science in Industrial Management degree is a 36-hour non-thesis program that includes the following requirements:

Professional Core (6 hrs.):

MANA 5350	Strategic Human Resources Management
	or
ACCT 5320	Accounting for Management Control
MANA 5305	Decision Making in Operations Management

Research Core (6 hrs.)

TECH 5303	Research Techniques in HRD/Technology
TECH 5329	Trends in Industry
	or
TECH 5371	Internship in Technology

Technical Core (18 hrs.)

Select six (6) courses from the following:

TECH 5306	Advanced Logistics Management
TECH 5309	Industrial Processes and Materials
TECH 5310	Six Sigma Quality
TECH 5312	Total Productive Maintenance
TECH 5317	Computer Integrated Manufacturing
TECH 5320	Total Quality Management
TECH 5331	Project Management
TECH 5335	Lean Management
TECH 5346	Environmental Management
TECH 5366	Value Stream Management
TECH 5380	Management of Nanomaterials
TECH 5390	Advanced Lean Six Sigma Black Belt Techniques

Electives (6 hrs.):

Any graduate-level course

GRADUATE COLLEGE OF EDUCATION AND PSYCHOLOGY

Dr. Wes Hickey, Interim Dean

Mission

The mission of the College of Education and Psychology is to provide a positive environment that fosters the acquisition of knowledge and skills. The mission is individually and collectively realized through a community of scholars that contributes to knowledge through scholarly inquiry; organizes knowledge for application, understanding and communication; and provides leadership and service. Additionally, the College is committed to affirming and promoting global perspectives, cultural diversity, and respect for individual differences as a means of enhancing learning, service and scholarship.

Goals

- Provide candidates who have earned bachelors' degrees preparation for initial teaching certificates
- Provide candidates with academic programs and study leading to advanced professional certifications in a range of educational fields.
- Provide candidates with academic programs and study leading to licensure and certifications in psychology and related fields.
- Prepare candidates with strong academic and professional graduate level foundations for further study at the doctoral level.
- Prepare graduates who have the ability to play significant roles in their chosen professional field.

Graduate Programs

The College of Education and Psychology offers graduate course work leading to completion of Master of Arts, Master of Science, Master of Education degrees, and certification programs. Program options available within each degree are as follows:

Master of Arts

Clinical Mental Health Counseling
School Counseling

Master of Science

Clinical Psychology

Master of Education

Curriculum and Instruction
Educational Leadership
Reading
Special Education

Certification Programs

Post-Baccalaureate Initial Teacher Certification

Initial certification at the EC-6, 4-8, 8-12, and EC-12 levels. (See General Degree Requirements)

Post-Masters' Certification Programs

Principal, School Counseling, Educational Diagnostician, Reading Specialist, and Master Reading Teacher

Superintendent Certification

General Degree Requirements

Prospective graduate degree students in the College of Education and Psychology must meet specific admission requirements of the selected program. Students with inadequate undergraduate preparation in a chosen program may be required to complete deficiencies. The following are the general procedures for fulfilling degree requirements for Master of Arts, Master of Science, and Master of Education degrees. Specific academic requirements are described in program sections on subsequent pages of this catalog.

1. Apply for admission to the program of choice at <http://www.uttyler.edu/graduate/gradadmissions>. Requirements for program admission will be those in effect at the time the application is submitted.
2. Gain admission to the selected degree program.
3. File a degree plan during the first semester after admission to the degree program. Complete required semester credit hours of approved graduate work.
4. Maintain a grade point average of at least 3.0 (on a 4.0 scale) in all courses applied toward the degree, and a grade point average of at least 3.0 in the academic major. No course with a grade below "C" may be applied toward fulfilling degree requirements.
5. Complete requirements for comprehensive examinations, if required.
6. Complete thesis requirements (if applicable) by following guidelines available in The Graduate School.
7. File for graduation prior to the published deadline by completing the procedures in "Filing for Graduation" in the Graduate Policies and Programs section of this catalog.

School of Education

Dr. Colleen Swain, Director

The School of Education offers the Master of Education in Curriculum and Instruction, the Master of Education in Reading, and the Master of Education in Special Education. These programs are designed to offer teachers an opportunity to become proficient in implementing the latest strategies for effective teaching and learning. Opportunities and instruction are provided at all levels as student needs dictate. The programs described here involve analysis of current research and practice.

Curriculum and Instruction M.Ed.

Total Semester Credit Hours = 30

The School of Education provides educators two options for advancing their craft through earning a Master of Education in Curriculum and

Instruction. The primary method of delivery is in an online format. Our secondary method of delivery is face-to-face or hybrid to address the needs of specific cohorts of students. Please visit the School of Education website for current information.

Admission Requirements

To be admitted to the Master of Education Degree in Curriculum and Instruction, the individual must:

1. Hold a bachelor's degree from an accredited institution.
2. Complete the online Graduate Admissions Application.
3. Submit official transcripts from the undergraduate institutions attended.
4. Be a certified teacher or be currently seeking certification.
5. If required, send official scores (obtained within the past five years) on the Graduate Record Examination (GRE) directly to the Office of Graduate Admissions.
6. Admission is determined based on undergraduate GPA and, if necessary, satisfactory scores on the GRE in combination with the undergraduate GPA, and the applicant's demonstrated commitment to his or her chosen field of study.

Degree Requirements

Foundation Area (9 hrs.):

EDUC 5301	Research Methods for the Behavioral Sciences
EDUC 5352	Curriculum Foundations
EDUC 5302	Research Project in Curriculum and Instruction

Major Area (9 hrs.)

Curriculum and Instruction

Choose one from:

EDUC 5303	Applied Learning Theories
EDUC 5370	Historical and Philosophical Foundations of American Education
EDUC 5308	Current Issues in Education
EDUC 5306	Selected Topics in Education

Human Diversity

Choose one from:

ENGL 5383	Acquisition and Development of English as a Second Language
EDUC 5356	Education That Is Multicultural
EDSP 5350	Overview of Special Education (Birth - 21)

Educational Technology

Choose one from:

EDUC 5320	World Wide Web Applications
EDUC 5359	Educational Technology

Specialization Area (12 hrs.)

12 hrs. of specialization course work in STEM Education, Special Education, ELL/Bilingual Education, Reading, or in a single content area.

During the final semester of the degree program, each student will engage in a comprehensive examination to document evidence of his or her learning throughout the degree program. Each student must pass the comprehensive exam in order to complete the degree.

Reading M.Ed.

Total Semester Credit Hours = 30

The School of Education offers the Master of Education degree in reading. The School also offers the Master Reading Teacher and the Reading Specialist Certification programs. The program addresses establishing, maintaining, and evaluating reading programs on a building level or system-wide basis.

Certification

The Reading Specialist (EC-12) certificate is available at the graduate level. This certification program requires two years of classroom teaching experience, a master's degree, the completion of an appropriate course sequence, and the required TExES examination. Applicants for the Standard Reading Specialist Certificate must meet the same requirements as those for graduate degree programs in reading.

The Master Reading Teacher Certificate also is available at the graduate level. This certification program requires three years of classroom teaching experience, a valid Texas teaching certificate, the completion of an appropriate course sequence, and the required TExMaT examination. Applicants for the Standard Master Reading Teacher Certificate must meet the same requirements as those for graduate degree programs in reading.

Admission Requirements

To be admitted to the graduate program in reading education, the individual must:

1. Hold a bachelor's degree from an accredited institution.
2. Hold a Texas teacher certification (any field).
3. Complete the Graduate Admissions Application form and submit it to the Office of Graduate Admissions.
4. Submit official transcripts from the undergraduate institutions attended.
5. If required, send official scores (obtained within the past five years) on the Graduate Record Examination (GRE) directly to the Office of Graduate Admissions.
6. Complete admissions interview with Coordinator of Admissions to Online Programs.
7. Admission is determined based on undergraduate GPA and, if necessary, satisfactory scores on the GRE in combination with the undergraduate GPA, successful admissions interview, and the applicant's demonstrated commitment to his or her chosen field of study.

Degree Requirements

Total Semester Credit Hours = 30

READ 5301	Language, Literacy, and Culture
READ 5302	Teaching Children's Literature
READ 5303	New & Emerging Media Literacies
READ 5304	Reading & Writing Workshop
EDUC 5301	Research Methods for the Behavioral Sciences
READ 5305	Teaching Disciplinary Literacy to Adolescents
READ 5306	Literacy Assessment Practicum
READ 5307	Literacy Instruction Practicum
READ 5308	Action Research for Literacy Educators
READ 5309	Literacy Coaching

Special Education M.Ed.

Master of Education in Special Education

The School of Education offers the Master of Education degree in special education. The Master of Education degree program is designed to fulfill academic requirements for certification as an educational diagnostician. The School of Education also offers an educational diagnostician certification program.

Emphasis in educational diagnosis provides the student with the opportunity to assess the competencies of individuals in language, sociological, physical, and behavioral/emotional areas, intellectual functioning and adaptive behavior, and educational performance using informal and formal measures, and prescribe individualized education plans based on test results. The educational diagnostician certificate requires two years of classroom teaching experience, an earned master's degree, and successful completion of the TExES examination for certification

Admission Requirements

To be admitted to the graduate program in special education, the individual must:

1. Hold a bachelor's degree from an accredited institution.
2. Be a Texas Certified teacher (any field).
3. Complete The Graduate Study Admissions Application form and submit it to the Office of Graduate Admissions.
4. Submit official transcripts from the undergraduate institutions attended.
5. If required, send official scores (obtained within the past five years) on the Graduate Record Examination (GRE) directly to the Office of Graduate Admissions.
6. Complete an interview with the Coordinator of Admission to Online Graduate Programs.
7. Admission is determined based on undergraduate GPA and, if necessary, satisfactory scores on the GRE in combination with the undergraduate GPA, successful admission interview, and the applicant's demonstrated commitment to his or her chosen field of study.

Certification

Degree Requirements - Total Semester Credit Hours = 36

EDSP 5350	Overview of Special Education (Birth - 21)
EDSP 5370	Learning Theory as Applied to Individuals with Disabilities
EDSP 5364	Seminar: Assessment in Special Education
EDSP 5365	Developmental Testing
EDSP 5366	Seminar: Full Individual Evaluation
PSYC 5366	Assessment of Individual Mental Ability I
EDSP 5368	Seminar: Educational Strategies for Special Education
EDSP 5378	Administrative and Legal Issues in Special Education
EDSP 5360	Seminar: Learning and Neurological Disabilities
EDSP 5363	Behavioral Disorders
EDSP 5362	Adolescents and Adults with Disabilities
EDSP 5357	Practicum in Special Education

Substitutions require advisor approval.

Post-Baccalaureate Initial Certification Programs

Initial teacher certification is available for candidates who have a minimum of an earned baccalaureate degree. The following certificates are available at UT Tyler through a post-baccalaureate/alternative route certification program.

Generalist EC-6

4-8 Certification

English Language Arts and Reading/Social Studies 4-8
 English Language Arts and Reading 4-8
 Social Studies 4-8
 Mathematics/Science 4-8
 Mathematics 4-8
 Science 4-8

7-12 Certificates in:

Business Education 12
 Chemistry 7-12
 Computer Science 7-12
 English Language Arts and Reading 7-12
 History 7-12
 Journalism 7-12
 Life Science 7-12
 Mathematics 7-12
 Physical Science 7-12
 Social Studies 7-12
 Speech 7-12
 Technology Education 6-12

EC-12 Certificates in:

Art EC-12
 Health EC-12
 Languages other than English-Spanish EC-12
 Music EC-12
 Physical Education EC-12
 Special Education EC-12
 Theater EC-12

Individuals desiring to teach in accredited schools in Texas must be certified through the Educator Certification and Standards Division of the Texas Education Agency (TEA).

Students who have an earned baccalaureate degree and seek teacher certification should contact the Director of Certification in the School of Education for advisement.

General Admission Requirements for Post-baccalaureate Candidates for Certification:

1. A minimum of a bachelor's degree from an accredited university or college;
2. A cumulative grade point average of at least 2.75;
3. A deficiency plan. (See the School of Education);
4. Admission to the School of Education (see this information in the undergraduate section of the College of Education and Psychology)
5. Complete an interview with the Coordinator of Admission to Online Graduate Programs.

Program Completion Requirements for Post-baccalaureate Candidates for Certification:

1. Complete all Professional Education courses and modules with a "C" or better;
2. Have a final GPA of at least 3.0 in all Professional education courses and modules;
3. Have a final cumulative GPA of at least 2.5 for all courses on the deficiency plan;
4. Complete appropriate content course requirements with a "C" or better in each;
5. Complete clinical experience or internship successfully;
6. Complete required state certification examinations (TExES) successfully;
7. Complete a successful interview for admission into the School of Education;
8. Submit to a national criminal history background check.

NOTE: The Division of Certification and Standards of the Texas Education Agency (TEA) in conjunction with the State Board for Educator Certification (SBEC) regulates the certification of educators to teach public school children. Working with the Texas Department of Public Safety (DPS) and the FBI, the Division of Educator Certification and Standards conducts a state and national criminal history background check on all applicants for educator certification, ensuring each candidate's suitability to teach children. Each student applying for certification must be fingerprinted by an authorized agency. TEA will provide a fingerprint packet at the time of the candidate's application. Students pursuing educator preparation should know that conviction for a felony or misdemeanor may lead to denial of teacher certification.

Grades EC-6 Generalist Certification

To complete the EC-6 teaching certificate, the candidate must have an earned bachelor's degree and complete course requirements and required TExES examinations. Individuals follow the undergraduate professional education course of study.

Degree Requirements

Professional Education course requirements for the EC-6 Generalist certificate include:

EDUC 1301	Introduction to the Teaching Profession
EDUC 2301	Introduction to Special Populations
EDUC 3312	Language and Literacy Acquisition
EDUC 3313	Integrating Arts and Movement
EDUC 3356	Instructional Programs for Students with Moderate and Severe Disabilities
EDUC 3363	Managing Classrooms and Behavior in School Settings
EDUC 4057	Student Teaching Seminar
	or
EDUC 4058	Educational Aide Internship
EDUC 4321	Integrating Technology in the Classroom
EDUC 4322	Teaching Skills in EC-6
EDUC 4334	English Language Learners
EDUC 4365	Assessment for Instruction
EDUC 4369	Instructing Diverse Learners
EDUC 5640	Clinical Teaching in EC-12
	or
EDIN 5380	Internship in Student Teaching in Elementary School
	and
EDIN 5381	Internship in Student Teaching in Elementary School
ELED 4312	Teaching Social Studies in the Elementary School

ELED 4313	Teaching Mathematics in the Elementary School
ELED 4314	Teaching Science in the Elementary School
EPSY 3330	Educational Psychology: Child Development and Learning
READ 3330	Children's Literature
READ 4350	Pre-kindergarten and Elementary Literacy (Grades PK-4)
READ 4360	Literacy in the Classroom
READ 4366	Corrective Reading Practicum

NOTE: In some instances, graduate courses may be substituted for undergraduate courses. If accepted to graduate studies, the candidate may apply these courses to a master's degree. The candidate who wishes to pursue a graduate degree should take no more than 9 hrs. graduate course work before being admitted to the graduate program. For admission to The Graduate Studies, follow the requirements as listed earlier in this section of the catalog. (See post-baccalaureate advisor for details.)

*Clinical Teaching: Requirements for admission to clinical teaching are provided in the School of Education student teaching section following the certification section of this catalog.

Professional education courses require related field experiences. These experiences occur in TEA-accredited schools. The School of Education in cooperation with participating school districts assigns students to school placements.

In order to be eligible for a recommendation for EC-6 teacher certification, candidates must pass required TExES examinations in addition to successfully completing the course requirements and clinical teaching or internship, if applicable.

Grades 4-8, 7-12, and EC-12: (STEP)

The STEP Online Post-Baccalaureate Certification Program in The School of Education offers post-baccalaureate programs that lead to initial teacher certification for grades 4-8, 7-12, and EC-12.

The post-baccalaureate program combines graduate courses, professional development modules, and supervised student teaching or internship experiences. Additional content coursework may be required. The program is begun in Summer I and may be completed in one and a half years. Information on the STEP program is available at www.uttyler.edu/step/Advising for the STEP program is provided by the Director of Certification in the School of Education.

Supplements

A Supplement attaches to the level of certificate being earned--EC-6, 4-8, 7-12, or EC-12.

To complete a teaching supplement to be added to a new or existing standard classroom teaching certificate, the candidate must have an earned baccalaureate degree and complete all requirements for a standard classroom teaching certificate. These requirements are located in the appropriate academic department.

A supplement may be earned in the following areas: bilingual education, English as a Second Language, and special education.

Admission Requirements for Candidates for Supplements

1. A minimum of a bachelor's degree from an accredited university or college;
2. A Texas teaching certificate;
3. A cumulative grade point average of at least 2.75;
4. A deficiency plan prepared by the Director of Certification in the School of Education;
5. Approval by the Director of Certification in the School of Education.

Bilingual Supplement

Completion of 12 hrs. of specific coursework. The bilingual certificate can be earned concurrently with an initial classroom teaching certificate or added to a valid Texas teacher certificate upon successful completion of the specified course sequence and passing scores on the state examinations.

Required Courses

EDBE 5338	Science, Math, and Social Studies in Bilingual Education
EDBE 5376	Reading and Language Arts in Bilingual Education
EDUC 4377	Acquisition and Development of English as a Second Language
	or
EDUC 5383	Acquisition and Development of English as a Second Language
EDUC 4378	Methodology of Teaching English as a Second Language
	or
EDUC 5384	Methodology of Teaching English as a Second Language

A minimum grade point average of 2.5 in all courses leading to bilingual certification, including a 2.5 at UT Tyler is required. Prospective teachers must achieve a minimum grade of "C" in all courses leading to the bilingual supplement.

Successful completion of the required TExES examination and Oral Language Proficiency examination is necessary for a recommendation for teacher certification.

English as a Second Language Supplement (ESL)

Completion of 12 hrs. of specific coursework. The ESL certificate can be earned concurrently with an initial classroom teaching certificate or be added to a valid Texas teacher certificate upon successful completion of the specified course sequence and a passing score on the state examination.

Required Courses

ENGL 3376	Contrastive Linguistics
	or
EDUC 5382	Contrastive Linguistics
EDUC 4377	Acquisition and Development of English as a Second Language
	or

EDUC 5383	Acquisition and Development of English as a Second Language
EDUC 4378	Methodology of Teaching English as a Second Language
	or
EDUC 5384	Methodology of Teaching English as a Second Language
EDUC 4387	Practicum in Teaching English as a Second/Foreign Language
	or
EDUC 5387	Practicum in Teaching ESL

A minimum grade point average of 2.5 in all courses leading to English as a Second Language certification, including a 2.5 at UT Tyler is required. Prospective teachers must achieve a minimum grade of "C" in all courses leading to the ESL supplement.

Successful completion of the required TExES examination is necessary for a recommendation for teacher certification.

Special Education Supplement

The special education supplement can be added to a valid Texas teacher certificate upon successful completion of the specified course sequence and a passing score on the state examination.

The supplement for EC-12 special education is 15 semester hours. Contact the Director of Certification in the School of Education for details.

A minimum grade point average of 2.5 in all courses leading to the special education supplement is required. Prospective teachers must achieve a minimum grade of "C" in all courses leading to the special education supplement.

Successful completion of the required TExES examination is necessary for a recommendation for teacher certification.

Department of Educational Leadership and Policy Studies

Dr. Wesley D. Hickey, Chair

Mission Statement

The Department of Educational Leadership and Policy Studies is composed of a professional, dedicated faculty committed to quality graduate education that respects individual and cultural diversity. To fulfill this commitment the faculty pursues knowledge through scholarship, research, and publication and shares their unique talents and expertise with university, community, and professional constituencies.

Degrees and Certifications

The Department of Educational Leadership and Policy Studies offers the Master of Education Degree in Educational Leadership with Standard Principal certification and Standard Principal and Superintendent certification programs. These programs provide students the opportunity to acquire the knowledge and appropriate practical experience for assuming a variety of roles in public or private school administration. The thirty semester hour Master of Education Degree in

Educational Leadership is earned simultaneously with completing requirements for the Standard Principal Certificate.

Students who have earned the Standard Principal Certificate at The University of Texas at Tyler may continue into the Superintendent certification program. Students who earned a Standard Principal Certificate or other Mid-Management Administrator Certificate from another institution may apply for admission to the Superintendent certificate program.

Requirements for the Master of Education Degree must be completed within six years. No courses taken more than six years from the graduation date will count toward any degree or certification program.

Principal Certification M.Ed.

Admission Requirements

To be admitted to the Master of Education Degree in Educational Leadership with Standard Principal certification program, a prospective student must:

1. Hold a bachelor's degree from an accredited institution;
2. Possess a State Board for Educator Certification (SBEC) Texas Teacher Certification (any field);
3. Submit official transcripts from all institutions in which a degree was awarded to Graduate Admissions;
4. Complete the application for admission to a graduate program online at <http://www.uttyler.edu/graduate/gradadmissions/>;
5. Successfully complete a personal/telephone interview;
6. Send official scores on the Graduate Record Examination (GRE) directly to Graduate Admissions;
7. Submit three letters of recommendation to the Department of Educational Leadership and Policy Studies from practicing school district administrators or other professional colleagues addressing the applicant's administrative potential.
8. Admission to the program is based in part on documenting satisfactory scores on the Verbal and Quantitative parts of the GRE in combination with the undergraduate GPA and demonstrating one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study; socioeconomic background; first generation college graduate; multilingual proficiency; geographic region of residence; and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

Total Semester Credit Hours = 30

Block I (6 hrs. must be taken concurrently)

EDLR 5310	Educational Leadership Theory and Practice
EDLR 5313	Critical Issues in Educational Leadership

Block II (8 hrs. must be taken concurrently)

EDLR 5311	Developmental Supervision
EDLR 5349	Leadership in the Restructured School
EDLR 5270	Practicum in the Principalship I

Block III (8 hrs. must be taken concurrently)

EDLR 5320	School Law
EDLR 5333	Administration of Special Programs in Schools
EDLR 5271	Practicum in the Principalship II

Block IV (8 hrs. must be taken concurrently)

EDLR 5330	The Principalship
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EDLR 5337	School Building Operations
EDLR 5272	Practicum in Principalship III

Educational Leadership Certificates

Standard Principal Certification

The Standard Principal Certificate requires: a) completing a master's degree; b) the required coursework for the certification within six years; c) providing evidence of a valid Texas Teaching Certificate; d) providing evidence of a minimum of two successful years of teaching experience; and e) satisfactory performance on the appropriate TExES examination. A state induction period must be completed to receive the Principal Certificate.

Admission Requirements

To be admitted to the Standard Principal certification program, a prospective student must:

1. Hold a master's degree from an accredited institution;
2. Possess a State Board for Educator Certification (SBEC) Texas Teacher Certification (any field);
3. Submit official transcripts from institutions in which a degree was awarded to the Office of Graduate Admissions;
4. Complete the application for admission to a graduate program at <http://www.uttyler.edu/graduate/gradadmissions/>;
5. Successfully complete a personal/telephone interview;
6. Send official scores on the Graduate Record Examination directly to the Office of Graduate Admissions.
7. Admission to the program is based in part on documenting satisfactory scores on the Verbal and Quantitative parts of the GRE in combination with the graduate GPA and demonstrating one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study; socioeconomic background; first generation college graduate; multilingual proficiency; geographic region of residence; and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Degree Requirements

Standard Principal Certificate--Total Semester Credit Hours=22

Block I (6 hrs. must be taken concurrently)

EDLR 5310	Educational Leadership Theory and Practice
EDLR 5313	Critical Issues in Educational Leadership

Block III (8 hrs. must be taken concurrently)

EDLR 5320	School Law
EDLR 5333	Administration of Special Programs in Schools
EDLR 5271	Practicum in the Principalship II

Block IV (8 hrs. must be taken concurrently)

EDLR 5330	The Principalship
EDLR 5337	School Building Operations
EDLR 5272	Practicum in Principalship III

Superintendent Certificate

The Superintendent Certificate is a 17-semester-hour program that requires a) holding a Standard Principal, Mid-Management, or other Texas Administrator Certificate; b) completion of the specified course

sequence within six years; and c) satisfactory performance on the appropriate TExES exam.

Admission Requirements

To be admitted to the Superintendent Certificate Program, a prospective student must:

1. Hold a master's degree from an accredited institution;
2. Submit official transcripts from institutions in which a degree was awarded;
3. Complete the application for admission to a graduate program at <http://www.uttyler.edu/graduate/gradadmissions/>;
4. Successfully complete a telephone interview;
5. Provide evidence of holding a Standard Principal, Mid-management, or other Texas Administrator Certificate;
6. Admission to the program is based in part on one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study; socioeconomic background; first generation college graduate; multilingual proficiency; geographic region of residence; and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Required Courses

Superintendent Certificate--Total Semester Credit Hours=17

Concentration Area (14 hrs.):

EDLR 5350	Personnel Administration
EDLR 5360	The School Superintendent
EDLR 5453	School Finance
EDLR 5458	School Facilities

Internship (3 hrs.):

EDLR 5375	Practicum in the Superintendency
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Department of Psychology and Counseling

Dr. Charles R. Barké, Chair

The Department of Psychology and Counseling offers three graduate degrees:

- (1) The Master of Science (M.S.) in Clinical Psychology, with optional specializations in school psychology or neuropsychology;
- (2) The Master of Arts (M.A.) in Clinical Mental Health Counseling, with an optional specialization in couples and family counseling; and
- (3) The Master of Arts (M.A.) in School Counseling, which is a fully online program.

Admission

The following links describe the specific admissions process for the graduate degree programs in Psychology and Counseling.

M.S. in Clinical Psychology Admissions -
<http://www.uttyler.edu/psychology/graduate/admission-requirements.php>
 M.A. in Clinical Mental Health Counseling Admissions -
<http://www.uttyler.edu/psychology/graduate/admission-requirements.php>

M.A. School Counseling Admissions -

<http://www.uttyler.edu/psychology/graduate/ma-school-counseling-psychology.php>

Applications are reviewed on an individual basis. Admission is based on multiple indicators. To be admitted to one of the above degree programs, a prospective student must:

1. Hold a bachelor's degree from an accredited institution;
2. Submit official transcripts from institutions in which a degree was awarded to the Office of Graduate Admissions;
3. Complete the application for admission to a graduate program at <http://www.uttyler.edu/graduate/gradadmissions/>;
4. Submit additional application materials required by the program, such as scores on standardized tests, reference evaluations, writing samples, and/or participation in interviews.
5. International applicants whose native language does not include English will be required to submit a departmental passing TOEFL score or other evidence of English proficiency.

Successful applicants usually have a GPA of 3.0 or better (on a four point scale) and a satisfactory score on admissions tests (GRE or MAT) when required. Applicants who believe their grade point average or their scores are not valid indicators of their ability should explain their concerns in a letter to the Graduate Admissions Coordinator. The department may elect to require additional assessments, including interviews, of individual applicants.

Consideration for admission is also given to one or more of the following: the applicant's demonstrated commitment of his or her chosen field of study, socioeconomic background, multilingual proficiency, geographic region of residence, first generation of family to graduate from an undergraduate program, and involvement and level of responsibility in other matters including extracurricular activities, employment, community service, or family responsibility of raising children.

Psychology and Counseling Retention Policy

Faculty, training staff, supervisors, and administrators of the Psychology and Counseling graduate programs at the University of Texas at Tyler have a professional, ethical, and potentially legal obligation to: (a) establish criteria and methods through which aspects of competence other than, and in addition to, a student-trainee's knowledge or skills may be assessed (including, but not limited to, emotional stability and well-being, interpersonal skills, professional development, and personal fitness for practice); and, (b) ensure, insofar as possible, that the student-trainees who complete our programs are competent to manage future relationships (e.g., client, collegial, professional, public, scholarly, supervisory, teaching) in an effective and appropriate manner. Because of this commitment, and within the parameters of our administrative authority, our faculty, training staff, supervisors, and administrators strive not to advance, recommend, or graduate students or trainees with demonstrable problems (e.g., cognitive, emotional, psychological, interpersonal, technical, and ethical) that may interfere with professional competence to other programs, the profession, employers, or the public at large.

As such, within a developmental framework, and with due regard for the inherent power difference between students and faculty, students and trainees should know that the faculty, training staff, and supervisors of our programs will evaluate their competence in areas other than, and in

addition to, coursework, seminars, scholarship, or related program requirements. These evaluative areas include, but are not limited to, demonstration of sufficient: (a) interpersonal and professional competence (e.g., the ways in which student trainees relate to clients, peers, faculty, allied professionals, the public, and individuals from diverse backgrounds or histories); (b) self-awareness, self-reflection, and self-evaluation (e.g., knowledge of the content and potential impact of one's own beliefs and values on clients, peers, faculty, allied professionals, the public, and individuals from diverse backgrounds or histories); (c) openness to processes of supervision (e.g., the ability and willingness to explore issues that either interfere with the appropriate provision of care or impede professional development or functioning); and (d) resolution of issues or problems that interfere with professional development or functioning in a satisfactory manner (e.g., by responding constructively to feedback from supervisors or program faculty; by the successful completion of remediation plans; by participating in personal counseling/therapy in order to resolve issues or problems). [Adapted from the Comprehensive Evaluation of Student-Trainee Competence in Professional Psychology Programs statement developed by the Student Competence Task Force of the APA Council of Chairs of Training Councils (CCTC), (<http://www.apa.org/ed/graduate/cctc.html>), approved March 25, 2004.]

Evaluating Student Fitness and Performance

Members of the faculty, using professional judgment, continuously evaluate each student's fitness and performance. Students receive information related to their fitness and performance from faculty members, their advisors, and their supervisors. The criteria used by the faculty to make such judgments include instructor's observations of course performance, evaluations of students' performances in simulated practice situations, supervisors' evaluations of students' performances in practice situations, and the disciplines' codes of ethics. Students are formally evaluated at least annually by the program faculty. Detailed information about procedures for student evaluations, progress review, retention, and for addressing concerns about student progress are available at the department website: <http://www.uttyler.edu/psychology/>.

Students who are not making satisfactory progress or who are not meeting program standards should consider withdrawing from the program. In this context, the term "unsatisfactory progress in the program" refers to an academic judgment made regarding the student's fitness and performance. It is a determination that the student has failed to meet academic and/or professional standards.

Minimum grade requirements

In addition to the Graduate College policies on GPA requirements, probation and suspension, the Department has additional criteria for satisfactory progress and graduation, as follows. Regardless of GPA, no more than two (2) graduate courses with grades of "C" may be counted toward the graduate degree in Clinical Psychology, Clinical Mental Health Counseling or School Counseling. No courses with a grade lower than a C may be counted toward the graduate degree in Clinical Psychology, Clinical Mental Health Counseling or School Counseling. After receiving a third "C" grade, or a single "D" or "F" grade, a student will be placed on departmental probation. To be reinstated from departmental probation, the student must retake one of the courses in

which a "C" or lower was earned (under the University grade replacement policy) in the next semester in which the course is offered, and achieve a "B" or better grade. Students on academic or departmental probation may **NOT** enroll in or begin their practicum course(s) until the academic or departmental probation has been removed. After an unsuccessful attempt to replace a grade, the student will be suspended from the department for a minimum of one semester. A petition for reinstatement must then be submitted, and approved by the advisor, Department Chair and College Dean for a student to be reinstated. If reinstated, the student must first enroll only in courses in which "C" grades were earned, and successfully replace them, leaving no more than two "C's", and no grade lower than a "C". If a student fails to be reinstated from departmental suspension, the student will be dismissed from the program.

Dismissal from Program

The department may dismiss students from their degree programs for failure to make satisfactory progress toward degree completion. Students may also be dismissed for violations of the ethical and professional standards of the American Psychological Association, American Counseling Association, or the American School Counselors Association, or the Departmental Student Code of Conduct (see below).

New students are required to read and pass a quiz on both the Departmental Student Code of Conduct and the Department Faculty Code of Conduct.

Clinical Psychology M.S.

The clinical psychology program provides the opportunity for the student to understand, evaluate, and counsel persons with psychological problems, and to draw upon community resources for assistance in working with these persons. During completion of the M.S. degree and approved practicum, the student is provided the opportunity to administer psychological tests and use various techniques of counseling and psychotherapy, cognitive and behavioral therapy and other evidence-based practices. Students who complete all requirements in the clinical area, and who become licensed, often work in psychiatric hospitals, in mental health centers, or with Licensed Psychologists in private practice.

Clinical Psychology students may complete a general program of study in clinical psychology or may choose one of two specializations. A specialization in neuropsychology is available for graduate students completing the clinical psychology degree program. A clinical neuropsychology certificate program is also available for students with a master's or doctoral degree who desire training in neuropsychology. The sequence of courses includes brain functioning and neuroanatomy, psychopharmacology, organic mental diseases, diagnosis and neuropsychological assessment. Upon successful completion of the 15 hour sequence, a certificate will be awarded.

The school psychology specialization provides the opportunity for the student to evaluate, counsel, prescribe and implement remedial procedures for students with behavioral, intellectual, and emotional problems in the public schools. Because of the broad scope of this program, graduates may not be limited to employment in school settings. Many community mental health centers and other service

centers employ graduates in school psychology with appropriate licensing.

Students seeking admission to the clinical psychology degree programs should have completed the following undergraduate prerequisites: Introductory Psychology, Psychological Statistics, Research Methods, Learning and Conditioning, Tests and Measurement, Physiological Psychology, and Abnormal Psychology. Additionally, students seeking the specialization Certificate in Clinical Neuropsychology should complete undergraduate coursework in Psychopharmacology. Students lacking these program undergraduate pre-requisites should take them as soon as possible during their graduate program.

The Master of Science in Clinical Psychology degree program requires 60 credit hours of graduate course work, for either the general clinical or neuropsychology emphases. The specialization in School Psychology in the Master of Science in Clinical Psychology degree program requires 66 credit hours of course work.

Certification and Licensure

The M.S. in Clinical Psychology can qualify students to take the exam for a Licensed Psychological Associate (L.P.A.) from the Texas State Board of Examiners of Psychologists. However, following consultation with their Faculty Advisor and/or the Graduate Admissions Coordinator in Psychology and Counseling, substitutions in course work or modest additions of course work may qualify graduates also for the licensing exam to become a Licensed Professional Counselor (L.P.C.) through the Texas State Board of Examiners of Professional Counselors. For example, many M.S. alumni have the L.P.A. and the L.P.C. The L.P.C. also requires 3000 hours of supervised practice after the completion of the master's degree.

Students who complete the School Psychology Specialization can qualify as a Licensed Specialist in School Psychology (L.S.S.P.) from the Texas State Board of Examiners of Psychologists, after passing the licensing exam. The L.S.S.P. requires a 1200-hour supervised internship in a public school, which is included in the School Psychology specialization degree plan.

Degree Requirements

Total Semester Credit Hours = 60-66

All clinical psychology students are required to complete a foundation of 39 credit hours (30 credit hours for School Psychology majors) as follows:

Foundation Courses (39 hrs.)

PSYC 5308	Advanced Psychopathology and Diagnosis
PSYC 5312	Counseling Theories
PSYC 5328	Issues and Professional Ethics
PSYC 5340	Advanced Psychological Statistics and Design
PSYC 5354	Psychopharmacology
PSYC 5384	Cognitive Behavioral Therapy and Applications
PSYC 5366	Assessment of Individual Mental Ability I
PSYC 5368	Clinical Mental Health Assessment
PSYC 5392	Applied Counseling Practice
PSYC 5393	Applied Therapy
PSYC 5396	Supervised Practicum in Psychology
PSYC 5397	Supervised Practicum in Psychology
PSYC 5398	Research Seminar

PSYC 5393 and PSYC 5397: Waived for students in School Psychology Specialization.

PSYC 5354: School Psychology Specialization majors may substitute PSYC 5350 Clinical Neuropsychology.

PSYC 5384: School Psychology Specialization majors substitute PSYC 5361: Behavior Modification

Students who wish to complete the general program of study in clinical psychology may choose their remaining hours from the graduate psychology and counseling courses listed in the course description section.

They should consult their faculty advisor and specify the courses in their degree plans.

Students who choose to complete a specialization must include the following courses, as appropriate, among their remaining hours.

Neuropsychology Specialization (21 hrs.)

PSYC 5350	Clinical Neuropsychology
PSYC 5352	Behavioral Neuroscience
PSYC 5356	Neuropsychological Assessment of Memory
PSYC 5358	Neuropsychological Assessment: Fixed Battery
PSYC 5359	Flexible Neuropsychological Battery 6 elective hours with advisor approval

School Psychology Specialization (36 hrs.)

PSYC 5320	Advanced Human Growth and Development
PSYC 5325	School Psychology
PSYC 5326	Psychological Consultation
PSYC 5330	Counseling Children and Adolescents
PSYC 5345	Group Counseling and Therapy
PSYC 5369	Psychological Assessment of Children and Adolescents
PSYC 5388	Supervised Internship in School Psychology
PSYC 5389	Supervised Internship in School Psychology
COUN 5324	Cultural Diversity and Advocacy
EDSP 5350	Overview of Special Education (Birth - 21)
EDUC 5352	Curriculum Foundations
EDUC 5303	Applied Learning Theories

Substitutions to meet individual needs and interests are possible with prior advisor approval.

Sequence of Classes

The courses which should be taken first are comprised of basic general, clinical and counseling courses that provide, in conjunction with the undergraduate prerequisite courses, the basis and foundation for the later applied courses. These courses for clinical psychology students include PSYC 5312 Counseling Theories, PSYC 5308 Advanced Psychopathology and Diagnosis, PSYC 5328 Issues and Professional Ethics, PSYC 5340 Advanced Psychological Statistics and Design, and PSYC 5384 Cognitive Behavioral Theory and Applications. Depending on their degree plan, students may take PSYC 5320 Advanced Human Growth and Development, PSYC 5345 Group Processes, PSYC 5350 Clinical Neuropsychology, PSYC 5354 Psychopharmacology, PSYC 5366 Assessment of Mental Ability I, or other courses approved by their advisor. Consultation with the instructor of the course is often helpful to make sure that students have had appropriate prerequisites.

The applied courses are more specialized clinical applications and should be taken after the basic courses are taken. A student's formal degree plan (Clinical Psychology Degree Plan) with specific courses should be completed and approved/signed by their Faculty Advisor and the Graduate Admissions Coordinator before 12 semester hours are completed. Students in clinical psychology must successfully complete (with a grade of B or higher) PSYC 5392 Applied Counseling Practice and PSYC 5393 Applied Therapy prior to enrollment in PSYC 5396/PSYC 5397 Supervised Practicum in Psychology.

Clinical Mental Health Counseling M.A.

The M.A. in Clinical Mental Health Counseling (CMHC) is intended to prepare students to counsel persons experiencing psychological disturbance due to developmental, educational, career, cognitive, emotional, behavioral, cultural, relational or environmental issues. Students develop competencies in diagnosis and assessment, evidence-based counseling/psychotherapy techniques, group processes, human development, cultural diversity and career counseling. Students who complete their degrees and meet state certification or licensing requirements may be employed in a variety of mental health settings.

All Clinical Mental Health Counseling (CMHC) students will complete a specified program that provides foundational knowledge and skills to be an effective clinical mental health counselor. Students may also choose a specialization in couple and family counseling. These students develop additional competencies in systems theory and in assessment and counseling techniques that pertain to couples, divorce and family problems, and family violence.

Students seeking admission to the Clinical Mental Health Counseling (CMHC) degree program who do not have an undergraduate major, or at least 18 semester credits in Psychology will be required to take a graduate course, PSYC 5342: Applied General Psychology during their first academic year in the program. This course may be applied to the degree plan as an elective. The Master of Arts in Clinical Mental Health Counseling (CMHC) degree program requires 60 semester credit hours of graduate course work.

Certification and Licensure

Graduates of the M.A. in Clinical Mental Health Counseling (CMHC) are eligible to apply for licensure as a Licensed Professional Counselor (LPC) through the Texas State Board of Examiners of Professional Counselors. In addition to the degree, the LPC requires successful passage of the National Counselor Examination (NCE) followed by 3000 hours of supervised practice in a counseling role. <http://www.nbcc.org/directory/TX>.

To be eligible to practice within the U.S. Military (Tricare) and Veteran's Administration mental health care systems, graduates will also be required to take and pass the National Clinical Mental Health Counselor Examination, administered by the National Board for Certified Counselors. <http://www.nbcc.org/NCMHCE>.

Degree Requirements

Total Semester Credit Hours = 60

Didactic Core (33 hrs.)

All Clinical Mental Health Counseling (CMHC) students are required to complete a DIDACTIC CORE of 33 hours as follows:

PSYC 5308	Advanced Psychopathology and Diagnosis
COUN 5312	Counseling Theories and Applications
PSYC 5320	Advanced Human Growth and Development
COUN 5324	Cultural Diversity and Advocacy
COUN 5328	Foundations and Ethics of Clinical Mental Health Counseling
COUN 5335	Career Counseling and Assessment
PSYC 5301	Tests and Measurement
COUN 5340	Research and Program Evaluation
PSYC 5345	Group Counseling and Therapy
PSYC 5384	Cognitive Behavioral Therapy and Applications
PSYC 5368	Clinical Mental Health Assessment

Clinical Skills Core (15 hrs.)

All Clinical Mental Health Counseling (CMHC) students are required to complete a CLINICAL SKILLS CORE of 15 hours as follows:

COUN 5391	Essential Counseling Skills
COUN 5392	Helping Relationships and Clinical Interviewing
COUN 5393	Practicum in Clinical Mental Health Counseling
COUN 5396	Internship I
COUN 5397	Internship II

General program of study in Clinical Mental Health Counseling (CMHC)

Students who wish to complete the general program of study in Clinical Mental Health Counseling (CMHC) may choose their remaining 12 hours from the graduate counseling and psychology courses identified in the course catalog.

Couple and Family Specialization

Students who choose the Couple and Family Specialization should include the following courses among their remaining 12 hours.

COUN 5313	Family Therapy
COUN 5315	Couples Therapy
COUN 5321	Dynamics and Treatment of Family Violence

COUN 5311 Foundations of Couple and Family Therapy

Sequence of Classes

In the first semester, students should take COUN 5312 Counseling Theories and Applications and COUN 5391 Essential Counseling Skills. These are considered to be qualifying courses for continuation in the program. Students must achieve a B or better in both of these courses to continue in the Clinical Skills Core course sequence and complete the degree program.

Following success in the qualifying courses, students should continue with the basic didactic counseling and psychology courses that provide the basis and foundation for the remaining Clinical Skills Core courses. These courses for Clinical Mental Health Counseling (CMHC) students include PSYC 5308 Advanced Psychopathology and Diagnosis, COUN 5328 Foundations and Ethics of Clinical Mental Health Counseling, COUN 5340 Research and Program Evaluation, PSYC

5384 Cognitive Behavior Theory and Application, PSYC 5320 Advanced Study in Human Growth and Development, PSYC 5345 Group Processes, and COUN 5324 Cultural Diversity and Advocacy.

The Clinical Skills Core courses are more specialized clinical applications and should be taken after all prerequisites and basic courses are taken. A student's formal degree plan (Clinical Mental Health Counseling (CMHC) Degree Plan) should be completed and approved/signed by their Faculty Advisor and the Graduate Admissions Coordinator before 12 semester hours are completed. Students in Clinical Mental Health Counseling (CMHC) must successfully complete COUN 5391 Essential Counseling Skills, COUN 5392 Helping Relationship and Clinical Interviewing and COUN 5393 Practicum, with grades of B/CR or better, prior to enrollment in COUN 5396 Internship I, which is then followed by COUN 5397: Internship II Each Internship requires at least 300 hours (120 direct) of service on-site at an external site.

Comprehensive Exam: Students in the Clinical Mental Health Counseling (CMHC) program are required to take and pass the national, standardized Counselor Preparation Comprehensive Exam (CPCE) to graduate. <http://www.cce-global.org/Org/CPCE>.

School Counseling M.A.

The M.A. in School Counseling is intended for teachers who wish to become professional school counselors in educational settings. This degree program does not prepare its graduates to counsel in social service or mental health agencies or in private practice. This is a 36 credit fully online graduate degree program. Students in the M.A. in School Counseling program receive instruction in developing appropriate comprehensive guidance plans to promote the educational, personal, social and career development appropriate to elementary and secondary students. They develop competencies in assessment and counseling techniques, including legal and ethical standards, practices and issues. Students complete a supervised internship in a public or private school. Certification as a School Counselor in Texas requires successful completion of the required course sequence, a passing score on the appropriate state certification exam (TExES), and two years of classroom teaching experience in a TEA-accredited school.

Students seeking admission to the School Counseling degree program should have completed the following prerequisite: PSYC 4311: Abnormal Psychology (completed within the previous six years), or equivalent. Applicants must have a current teaching certificate. School Counseling applicants must also participate in an interview, conducted online, as required by Texas rules for school counselor programs. Students are admitted to this program once a year in cohorts that only begin in Summer terms. Students must complete the entire program in sequence with the cohort to which they were admitted. The program is completed in five consecutive semesters.

Certification and Licensure

The M.A. in School Counseling can qualify students to meet the course requirements to become School Counselors certified by the Texas State Board for Educator Certification. The School Counseling program is intended to prepare students to pass the State certification exam for School Counselor. Applicants must have two years of teaching experience to qualify for the School Counselor Certificate. Students

matriculating in master's programs other than the M.A. in School Counseling program or students who already have master's degrees should contact the Graduate Advisor in School Counseling regarding the School Counselor Certificate. Students seeking only the School Counselor Certificate must meet the admission and other requirements for the M.A. in School Counseling degree programs.

Degree Requirements

Total Semester Credit Hours = 36

Summer 1

PSYC 5312	Counseling Theories
COUN 5324	Cultural Diversity and Advocacy
PSYC 5320	Advanced Human Growth and Development
PSYC 4311	Abnormal Psychology
COUN 5334	Foundations and Ethics of School Counseling

Fall 1

COUN 5334	Foundations and Ethics of School Counseling
EDUC 5301	Research Methods for the Behavioral Sciences

Spring 1

COUN 5335	Career Counseling and Assessment
PSYC 5301	Tests and Measurement

Summer 2

PSYC 5330	Counseling Children and Adolescents
COUN 5313	Family Therapy
PSYC 5345	Group Counseling and Therapy

Fall 2

COUN 5344	Advanced Principles of School Counseling
COUN 5386	Supervised Internship in School Counseling

Required total for degree and certification is a minimum of 36 graduate semester hours. Specifics of this program are subject to change by the SBEC or the degree-granting institution. New and currently enrolled students may be required to meet additional or different requirements.

Interdisciplinary Studies M.A./M.S.

Psychology may be chosen as one of the three required disciplines for the Master of Arts and Master of Science degrees in Interdisciplinary Studies. The Interdisciplinary Studies degree program is described in the graduate section of this catalog. The Psychology Department participates in interdisciplinary studies only to provide limited preparation in general psychology. Students majoring in psychology in interdisciplinary studies are not prepared to pursue certification or licensing in clinical psychology or professional counseling.

GRADUATE COLLEGE OF ENGINEERING

Dr. James K. Nelson, Jr., P.E., C. Eng, Dean

Department of Civil Engineering

Dr. J. Torey Nalbone, Chair

The Department of Civil Engineering offers the Master of Science in Civil Engineering. The M.S. in Civil Engineering has three options to earn the degree: (1) research option, (2) professional practice option, and (3) technical and management development option.

Civil Engineering M.S.C.E.

Total Semester Credit Hours = 30-36

Admission Requirements

Students entering the Master of Science in Civil Engineering (MSCE) program are expected to have a background equivalent to that of students graduating from the Bachelor of Science in Civil Engineering (BSCE) program offered at The University of Texas at Tyler, or to obtain such background through specified prerequisite coursework.

In addition to the general requirements for admission to graduate study at The University of Texas at Tyler, to be admitted to the MSCE program a student must meet the following admission requirements.

1. Satisfactory score on the General Test (verbal and quantitative) of the Graduate Record Examination (GRE).
2. Satisfactory grade point average on the student's last four semesters of academic study and last 60 semester credit hours of upper division undergraduate or graduate courses.
3. A bachelor's degree in a Civil Engineering program accredited by the ABET Engineering Accreditation Commission. Students who have not earned such a degree will be required to complete prerequisite coursework before starting the MSCE program as determined by the MSCE Graduate Coordinator.
4. A demonstrated proficiency in the use of the English language, both spoken and written.
5. Approval of the MSCE Graduate Coordinator and the Chair, Department of Civil Engineering.

Consideration for admission to the Master of Science in Civil Engineering program will also be given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Graduation Requirements

There are three options to earning the Master of Science in Civil Engineering (MSCE): (1) research option, (2) professional practice option, (3) technical and management development option.

Regardless of option selected, a student must complete a graduate course in advanced mathematics. At least 50 percent of the required total credit

hours applied to the MSCE, excluding thesis or design project, must be Civil Engineering courses and at least two-thirds of the credit hours applied to the degree must be taught by a department in the College of Engineering. No more than three credit hours of independent study courses may be applied to the degree. The student must attain an average of 3.0 GPA on all course work applied to the MSCE. The program options and additional degree requirements are as follows:

Option 1 – Research (30 SCH): Students must successfully complete at least 24 semester credit hours of graduate coursework, including at least three courses in a primary area of study within civil engineering and at least two courses in a secondary area of study within civil engineering, successfully complete at least six credit hours of graduate thesis research, successfully prepare a research thesis, and pass a final oral examination that is primarily focused on the research thesis but may also address coursework. The final examination will be administered by the student's graduate academic committee. This program option is intended primarily for students who wish to conduct research and expand civil engineering knowledge. (This is the only degree option for which graduate assistantships are available.)

Option 2 – Professional Practice (30 SCH): Students must successfully complete at least 27 semester credit hours of graduate coursework, including at least three courses in each of two areas of civil engineering, and at least three semester credit hours of graduate capstone design that culminates in the preparation of a design project report. Depending upon the student's previous background, a course in management may be required, because the focus of this degree option is professional practice. Further, each student must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering (FE) examination and must pass a final oral examination that is focused on the graduate design project. The final examination will be administered by the student's graduate academic committee. This degree option is intended primarily for students who intend to practice civil engineering at the professional level.

Option 3 – Technical and Management Development (36 SCH): Students must successfully complete at least 36 semester credit hours of graduate coursework, including at least three courses in each of two areas of civil engineering and three courses developing business management and engineering management skills. At least two Civil Engineering courses used for the program must be graduate design courses. Further, students must pass a final comprehensive written and/or oral examination that addresses the student's undergraduate and graduate education. The final examination will be coordinated by the student's graduate academic advisor. This degree option is intended primarily for students in practice who want to enhance their technical skills and to develop management skills.

Transfer of Credit

A student may transfer a maximum of 9 semester hours of graduate credit in which a grade of "B" or better has been earned from approved

institutions. Transfer credit is subject to the approval of the student's advisor and departmental chair.

Student Outcomes

Master of Science in Civil Engineering students at the time of graduation are expected to:

1. Apply fundamental knowledge of specialized mechanical engineering concepts and modern engineering tools in solving engineering problems.
2. Demonstrate independent self-learning and research capabilities for solving engineering problems.
3. Recognize their professional responsibility with the society, environment, engineering ethics, and lifelong learning.
4. Demonstrate an ability to effectively communicate results from engineering problems or other intellectual products.

Department of Electrical Engineering

Dr. Hassan El-Kishky, PE, Interim Chair

The Department of Electrical Engineering offers the Master of Science in Electrical Engineering with two options to earn the degree: (1) Thesis option and (2) Non-thesis option.

Electrical Engineering M.S.E.E.

Total Semester Credit Hours = 30-36

Admission Requirements

Students entering the Master of Science in Electrical Engineering (MSEE) program are expected to have a background equivalent to that of students graduating from the Bachelor of Science in Electrical Engineering (BSEE) program offered at The University of Texas at Tyler, or to obtain such background through specified prerequisite coursework.

To be admitted to the MSEE program a student must meet the following admission requirements.

1. Satisfactory score on the General Test (verbal and quantitative) of the Graduate Record Examination (GRE).
2. Satisfactory grade point average on the student's last four semesters of academic study and last 60 semester credit hours of upper division undergraduate or graduate courses.
3. A bachelor's degree in an Electrical Engineering program accredited by the ABET Engineering Accreditation Commission. Students who have not earned such a degree will be required to complete prerequisite (leveling) coursework before starting the MSEE program as determined by the MSEE Program Administrator.
4. A demonstrated proficiency in the use of the English language, both spoken and written.
5. Approval of the MSEE Program Administrator and the Chair of the Department of Electrical Engineering.

Consideration for admission to the Master of Science in Electrical Engineering program will also be given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of

responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Graduation Requirements

There are two options to earning the Master of Science in Electrical Engineering (MSEE): (1) Thesis option and (2) Non-thesis option. Regardless of option selected, a student must complete a graduate course in advanced mathematics.

At least eighteen hours (including the thesis) must be in the major area; at least six hours must be in a supporting area and can include courses outside the department. The supporting courses may be in electrical engineering but must represent a specialty distinct from the major courses. At least two-thirds of the credit hours applied to the degree must be taught by a department in the College of Engineering. To graduate the student must earn at least a 3.0 grade point average on all course work used for the graduate degree. No more than three credit hours of independent study courses may be applied to the degree.

The program options and additional degree requirements are as follows:

Thesis Option (30 SCH): Students must successfully complete at least 24 semester credit hours of graduate coursework, successfully complete at least six credit hours of graduate thesis research, successfully prepare a research thesis, and pass a final oral examination that is primarily focused on the research thesis but may also address coursework. The final examination will be administered by the student's graduate academic committee. This program option is intended primarily for students who wish to conduct research and expand electrical engineering knowledge. (This is the only degree option for which graduate assistantships are available.)

Non-Thesis Option (36 SCH): Students must successfully complete at least 36 semester credit hours of graduate coursework. Further, students must pass a final comprehensive written and/or oral examination that addresses the student's undergraduate and graduate education. The final examination will be coordinated by the student's graduate academic advisor. This degree option is intended primarily for students in practice who want to enhance their technical skills.

Program Outcomes

The "Program Outcomes" of the MSEE program represent the knowledge, skills, and abilities that graduates are expected to have at the time of completion of their program.

1. **Breadth and Depth:** Students will be able to apply knowledge at a graduate level in two of the following areas: electronics, power systems, controls, advanced engineering mathematics, signal processing, communications, real-time systems, computer systems, electromagnetic and power electronics.
2. **Modern Engineering Tools:** Students will be able to use modern engineering tools for analysis and design as applied to engineering problems.
3. **Advanced Engineering Mathematics:** Students will be able to apply principles of advanced engineering mathematics including probability and statistics to engineering problems.
4. **Systems Design:** Students will be able to apply systems design approaches including modeling and simulation of interacting sub-systems to complex engineering problems.
5. **Design Methods:** Students will be able to demonstrate application of design methodology by comparing and evaluating solutions to engineering problems.

6. **Communication Skills:** Students will demonstrate effective oral, visual and written communication skills from a technical perspective.

Transfer of Credit

A student may transfer a maximum of 9 semester hours of graduate credit in which a grade of "B" or better has been earned from approved institutions. Transfer credit is subject to the approval of the student's advisor and departmental chair.

Department of Mechanical Engineering

Dr. M. Sathyamoorthy, Interim Chair

The Master of Science in Mechanical Engineering gives students three options to earn the degree: (1) the thesis option, (2) the non-thesis option and (3) the professional development option.

Mechanical Engineering M.S.M.E.

Total Semester Credit Hours = 30-36

Admission Requirements

Students entering the Master of Science in Mechanical Engineering (MSME) program are expected to have a background equivalent to that of students graduating from the Bachelor of Science in Mechanical Engineering (BSME) program offered at The University of Texas at Tyler, or to obtain such background through specified prerequisite coursework.

To be admitted to the MSME program a student must meet the following admission requirements.

1. Satisfactory score on the General Test (verbal and quantitative) of the Graduate Record Examination (GRE).
2. Satisfactory grade point average on the student's last four semesters of academic study and last 60 semester credit hours of upper division undergraduate or graduate courses.
3. A bachelor's degree in a Mechanical Engineering program accredited by the ABET Engineering Accreditation Commission. Students who have not earned such a degree will be required to complete prerequisite (leveling) coursework before starting the MSME program as determined by the MSME Graduate Coordinator.
4. A demonstrated proficiency in the use of the English language, both spoken and written.
5. Approval of the MSME Graduate Coordinator and the Chair of the Department of Mechanical Engineering.

Consideration for admission to the Master of Science in Mechanical Engineering program will also be given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community service, and family responsibilities.

Graduation Requirements

There are three options to earning the Master of Science in Mechanical Engineering (MSME):

1. **Thesis option.** This degree option is intended primarily for students who wish to conduct research and expand mechanical engineering knowledge. A thesis is required. (This is the only degree option for which graduate assistantships are available.)
2. **Non-thesis option.** This degree option is intended primarily for the professional working engineer who wants advanced technical courses but would benefit more from completing an advanced engineering design project than a research thesis.
3. **Professional development option.** This degree option is intended primarily for students who want to take only advanced technical courses. A comprehensive exam is required.

Regardless of the option selected, a student must complete a graduate course in advanced mathematics (MATH 5311) or equivalent approved by the Graduate Coordinator. At least eighteen hours (including the thesis or report) must be in the major area; at least six hours must be in a supporting area (CENG, COSC, EENG, MANA) and can include courses outside the department, college or university. The supporting courses may be in mechanical engineering but must represent a specialty distinct from the major courses. At least two-thirds of the credit hours applied to the degree must be taught by a department in the College of Engineering.

To graduate, students must earn at least a 3.0 grade point average on all coursework used for the graduate degree. They must also complete a core curriculum consisting of MENG 5306, MENG 5343 or MENG 5338 or MENG 5341, and MENG 5344. Elective courses approved by the department chair may be substituted for the required courses.

The program options and additional degree requirements are as follows:

Thesis Option (30 SCH): Students must successfully complete at least 30 semester hours of graduate credit coursework, including six hours of thesis credits. In addition to the required coursework and thesis, students in the research option must successfully pass a final oral examination administered by the student's graduate academic committee.

Non-Thesis option (36 SCH): Students must successfully complete at least 36 semester credit hours of graduate coursework, including at least three hours in a project course that culminates in an engineering report on a significant design or analysis project performed by the student. In addition to completing all required coursework and the advanced engineering design project, students electing the non-thesis option will also be required to pass a final oral examination that is administered by the student's graduate academic committee.

Professional Development Option (36 SCH): Students must successfully complete at least 36 semester credit hours of graduate coursework, and a comprehensive exam administered by the student's graduate academic committee. For the required 36 graduate semester credit hours, at least 30 hours must be in Mechanical Engineering. Up to 6 hours of Non-Mechanical Engineering course work approved by the Graduate Coordinator are permitted for the degree option.

Program Outcomes

Master of Science in Mechanical Engineering students at the time of graduation are expected to:

1. Apply fundamental knowledge of specialized mechanical engineering concepts and modern engineering tools in solving engineering problems.

2. Demonstrate independent self-learning and research capabilities for solving engineering problems.
3. Recognize their professional responsibility with the society, environment, engineering ethics, and lifelong learning.
4. Demonstrate an ability to effectively communicate results from engineering problems or other intellectual products.

Transfer of Credit

A student may transfer a maximum of 9 semester hours of graduate credit in which a grade of "B" or better has been earned from approved institutions. Transfer credit is subject to the approval of the student's advisor and departmental chair.

Executive Graduate Certificate in Engineering Management (EMGE)

Total Semester Hours = 15 hours

This program will be available "pending approval by the Southern Association of Colleges and Schools Commission on Colleges."

The Executive Graduate Certificate in Engineering Management is a three-- semester program that includes five courses (15 semester credit hours) of intensive study which focuses instruction in the areas of project management, project cost analysis and accounting, management of project monitoring and technology, project leadership and planning, and project optimization through management systems. This course of study is designed to 1) provide experienced engineers, architects and project/construction managers with rigorous study in the current tools for project management 2) train certificate recipients for positions in upper management within firms providing these type of services and/or 3) provide professional competencies for private and public sector employment. The certificate is offered as a cohort group, requiring completion of all five designated courses for successful completion of the Certificate requirements.

Admission Requirements

In addition to the general requirements for admission to graduate study, the requirements for admission to the communication program are as follows:

1. A baccalaureate degree from an accredited college or university.
2. Applicants should have a minimum undergraduate GPA of 3.0 on a 4.0 scale in upper division (last 60 semester hours) of undergraduate degree.
3. Submission of a statement of purpose describing what the applicant anticipates gaining from the study and how the knowledge will be applied in their current position with an engineering, architecture or project/construction management employment.
4. Two letters of recommendation including at least one from current supervisor or company management that endorses the applicant's participation in the program.
5. Minimum three years' professional work experience in a company focusing on engineering, architecture or project/construction management.
6. Approval of the program director.

The EMGE Program admits one cohort of up to 25 students each summer (beginning in June). The program does not admit students in the fall and spring terms.

Requirements

Cohort courses (all students are required to take these 5 courses) in order, beginning with the entry summer semester. No transfer work from other programs is permitted.

First Semester (Summer)

EMGE 5310 Introduction to Engineering Management

Second Semester (Fall)

EMGE 5320 Financial Accounting and Costs Analysis for Engineers
EMGE 5330 Management of Technology and Innovation

Third Semester (Spring)

EMGE 5340 Leadership and Planning Strategies for Engineering Professionals
EMGE 5350 Project Management Systems

Each of the above required courses are designed to provide 20 contact hours in an intensive face-to-face classroom environment. The remainder of the required instructional hours will utilize an on-line format for the delivery of course materials.

All candidates for the Executive Graduate Certificate in Engineering Management must complete all prescribed courses with a cumulative grade point average of 3.0 on the 4.0 scale in all course work applied towards the certificate with no more than one C.

GRADUATE COLLEGE OF NURSING AND HEALTH SCIENCES

Dr. Yong "Tai" Wang, Dean

The College of Nursing and Health Sciences offers the PhD in Nursing; Master of Science in Nursing degree in administration, nursing education or family nurse practitioner; the dual Master of Science in Nursing Administration and Master of Business Administration; Master of Education in Health and Kinesiology; Master of Science in Health Sciences; Master of Science in Kinesiology; and certificate programs in Nursing Administration, Nursing Informatics, Nursing Education, and Family Nurse Practitioner.

Department of Health and Kinesiology

Dr. David Criswell, Chair

The Department of Health and Kinesiology offers three programs leading to master's degrees: Master of Education in Health and Kinesiology, Master of Science in Health Sciences, and Master of Science in Kinesiology. The mission of each of these degree programs and admission and curriculum requirements are described below.

The M.S. Degree in Kinesiology may be earned entirely via Internet-based delivery. Individual online courses may also be used to fulfill requirements of other degrees, with advisor approval.

For additional information about any programs of the Department of Health and Kinesiology, contact the Department (903-566-7031; www.uttyler.edu/hkdept).

Admission Requirements

For full admission to a master's degree program in the Department of Health and Kinesiology, ordinarily an applicant must:

- have an earned baccalaureate degree from an accredited academic institution in a field closely related to the mission of the intended master's degree program;
- have earned a grade point average of at least 3.00 on a 4-point scale for all upper-division undergraduate hours or have an earned graduate degree from an accredited academic institution;
- have scored at the thirtieth percentile or higher on each of the sections of the General Test of the Graduate Record Exam—Verbal Reasoning, Quantitative Reasoning, and Analytical Writing (GRE scores not required if an applicant has an earned graduate degree from an accredited academic institution); and
- submit three strong letters of recommendation from individuals in professional positions who can validly comment on the applicant's suitability for graduate studies in general and for studies in the intended field in particular.

The Department of Health and Kinesiology may limit the number of applicants admitted to a particular degree program for a given semester. Therefore, meeting the minimum requirements for admission does not guarantee admission.

For details about the application process, refer to the Graduate Policies section of this catalog and the Health and Kinesiology Department's website (www.uttyler.edu/hkdept).

Health and Kinesiology M.Ed.

Total Semester Credit Hours = 36

The mission of the program leading to the Master of Education (M.Ed.) Degree in Health and Kinesiology is to prepare for career advancement in teaching in areas related to health, kinesiology or sport. Specific objectives of the program are:

1. to critically read and discuss published research related to health and kinesiology;
2. to discuss in writing issues related to health and kinesiology, identifying, analyzing and defending different viewpoints;
3. to apply theoretical concepts from the health and kinesiology research literature to professional practice; and
4. to use computer technology to manage data, access information, and communicate effectively.

The program requires satisfactory completion of 36 semester hours of courses. The curriculum consists of 18 hours of foundation courses and 18 hours of elective courses consistent with career objectives and selected with advisor approval. In addition to completing the required course work, earning the M.Ed.-Health and Kinesiology Degree requires satisfactory completion of a comprehensive exam in the latter part of the student's program of study.

Curriculum

Foundation Courses (18 semester hours)

HECC 5303	Research Design
	or
EDUC 5301	Research Methods for the Behavioral Sciences
HECC 5317	Biometric Methods
HECC 5370	Ethics
HECC 5391	Practicum in Health and Kinesiology
PYED 5352	Topics in Instructional Styles
	or
EDUC 5303	Applied Learning Theories
PYED 5354	Topics in Curriculum
	or
EDUC 5352	Curriculum Foundations

Electives (18 semester hours)

With advisor approval the student elects 18 semester hours of courses consistent with educational and career objectives. These should normally be from the areas of kinesiology, health and/or education.

Health Sciences M.S.

Total Semester Credit Hours = 36

The Master of Science (M.S.) in Health Sciences Program is designed to prepare graduates to be effective leaders in the fields of health promotion and disease prevention. This program provides a strong foundation for both professional leadership roles and pursuit of more advanced degrees in the field of health.

Graduates of this program will be prepared to assume leadership roles in: a) planning, implementing and evaluating individual and group needs for interventions aimed at promoting health and preventing disease; b) administering and/or coordinating specialized activities and programs aimed at promoting health and preventing disease; c) communicating health needs, concerns, and resource availability for programs aimed at promoting health and preventing disease; d) critiquing, conducting and contributing to research related to health promotion and disease prevention; and e) serving as advocates for improvements in the fields of health promotion and disease prevention through effective education of individuals, groups, and communities.

Objectives:

At the completion of the Master's program, the graduate should be able to demonstrate the knowledge and skills identified in the seven areas listed below.

1. Content Area

- Critique, conduct and contribute to health-promotion and disease-prevention research.
- Plan, implement, and evaluate health-promotion and disease-prevention interventions.
- Compare and contrast existing health programs and theories, and evaluate their relevance for personal and population health.
- Coordinate specialized health-promotion and disease-prevention activities.

2. Critical Thinking Area

- Assess personal interests and abilities in preparation for selecting an area of specialization in the health field.
- Use analogy, model, and metaphor to organize information in the health sciences.
- Apply statistical, social/political, historical/futurist, and ethical modes of thinking as they pertain to health.
- Evaluate and critique the underlying assumptions of the dominant health-science discourses.
- Analyze and critically assess local, regional, national, and global health issues.

3. Communication Area

- Communicate health needs, concerns, and resource availability for health-promotion and disease-prevention purposes in research format.
- Use analogy, model, and metaphor to communicate meaning in the health sciences
- Communicate health information to diverse groups, for health-promotion and disease-prevention purposes.
- Communicate health needs and concerns to governmental and non-governmental entities involved in establishing or changing health policy.
- Serve as a resource professional for health-promotion and disease-prevention activities.

- Present ideas clearly and effectively in written and oral communications.
- Develop and apply networking skills to create and maintain consultative relationships.

4. Leadership Area

- Demonstrate knowledge of cutting-edge health policies or models.
- Advocate health to peers and family by practicing model health behaviors.
- Function as leaders in supporting health education of individuals, groups and communities.
- Advocate for improvements in the field of health promotion and disease prevention.

5. Ethics/Values Area

- Evaluate moral and ethical conduct using multiple value systems and perspectives.
- Identify ethical issues involved in research, practice, and governance and understand how ethical principles are used to guide professional activities.
- Weigh judgments of detrimental behavior in respect to health outcomes against surrounding determinants of health.

6. Technology Area

- Use statistical computing software to analyze data and display information.
- Use a broad range of technologies in health sciences.
- Evaluate the efficiency and effectiveness of various intervention technologies in health science and promotion.

7. Diversity Area

- Explain the cultural, social, economic, and environmental determinants of health and of health disparities.
- Describe recent trends in health sciences that reveal an association between socioeconomic status and disease or wellness.

Curriculum

36 Semester Credit Hours

HECC 5303	Research Design
HECC 5317	Biometric Methods
ALHS 5303	Advanced Topics in Allied Health Science
ALHS 5305	Analysis of Needs, Processes, and Outcomes in Health
ALHS 5347	Epidemiology
ALHS 5365	Theories and Models in Health Behavior
HECC 5395 and HECC 5396: Thesis I & II	
or	
HECC 5397 & HECC 5398: Internship I & II	
Prescribed electives (12 semester hours) chosen with advisor	

In addition to completing the required course work, earning the M.S. Health Sciences Degree requires satisfactory completion of a comprehensive exam, if the internship is selected, in the latter part of the student's program of study.

Kinesiology M.S.

Total Semester Credit Hours = 36

Kinesiology is the study of movement or exercise. The Master of Science Degree Program in Kinesiology provides advanced study of kinesiology with a core focus on exercise science. The program prepares for a broad range of careers related to exercise or provides foundation for subsequent doctoral study. This degree is also appropriate for clinicians, such as physical therapists and athletic trainers, who want to further their understanding of the science related to their areas of practice.

The curriculum leading to the M.S.-Kinesiology Degree may be completed entirely online or via a combination of face-to-face and online classes. In addition to completing the required course work, earning the M.S.-Kinesiology Degree requires satisfactory completion of a comprehensive exam in the latter part of the student's program of study.

Curriculum

36 Semester Credit Hours

HECC 5303	Research Design
HECC 5317	Biometric Methods
KINE 5307	Motor Learning
KINE 5313	Exercise Physiology I
KINE 5315	Exercise Physiology II
KINE 5335	Biomechanics

HECC 5395 and HECC 5396: Thesis I and II

or

HECC 5397 and HECC 5398: Internship I and II

Electives (12 semester hours) approved by advisor

Masters Nursing Programs

Dr. Barbara K. Haas, Associate Dean for Graduate Nursing Programs

The College of Nursing and Health Sciences offers course work leading to the completion of the Master of Science in Nursing degree and the PhD in Nursing degree.

Nursing M.S.

The Master of Science in Nursing program is designed to prepare individuals for careers in service, education, primary care and research. Emphasis is given to developing the advanced practice skills necessary to provide expert nursing care to clients either directly through clinical practice, or indirectly through the avenues of administration, research or education. Utilizing advanced knowledge and critical thinking skills along with a foundational caring philosophy and health promotion, the program prepares individuals to meet new challenges and the provision of holistic health care. Essential leadership and management skills are integrated with current theory and research in these areas.

The Master of Science in Nursing program builds on UT Tyler's undergraduate program in nursing and provides a firm basis for doctoral level education. There are several specialty options for the MSN degree: administration, education, and nurse practitioner. There is also a Nursing Administration Certificate program, Nursing Education

Certificate program, a Family Nurse Practitioner Certificate program, a Nursing Informatics Certificate program, a RN-MSN option, and a coordinated MSN/MBA degree plan.

The MSN-Administration degree prepares the graduate to apply leadership and management skills to become the essential link between the vision and mission of the larger health care organization and the unit-based system of patient care. Students develop expertise in resource allocation through using professional skills in assessing and analyzing health care needs in the practice setting.

The MSN-Education degree prepares the graduate to apply teaching-learning theory, principles of curriculum development, evaluation methodology and role socialization as a nurse educator in various settings including health care organizations and institutions of higher learning. The graduate develops expertise as an educator of nursing students, patients, consumers and other individuals and groups.

The MSN-Family Nurse Practitioner degree prepares the graduate for advanced clinical practice roles across the lifespan in various settings. The graduate develops expertise as a primary care provider with advanced practice skills in the assessment and management of health needs as well as in patient education, consultant and researcher roles.

The RN-MSN degree option is for RNs with an associate degree or diploma who may be eligible for early admission into the nursing graduate program. Combined credit toward the BSN and MSN degrees is earned and the student is awarded the BSN and MSN degrees simultaneously on completion of the program. During the final semester of the BSN coursework, students are admitted to one of the MSN degree options.

The coordinated MSN-MBA degree prepares the nurse executive to ensure excellence in client care services and also to impact the business environment in which nurses practice. This degree plan incorporates content in management, leadership, economics, finance, and marketing into a framework for nursing service and health care administration. Students enrolling for this coordinated degree option must meet the admission requirements for both Nursing and Business Administration.

The Nursing Administration Certificate program prepares the master's-prepared nurse to apply leadership and management skills to become the essential link between the vision and mission of the larger health care organization and the unit-based system of patient care. Resource allocation expertise, using professional skills in assessing and analyzing health care needs in the practice setting, is developed.

The Nursing Education Certificate program prepares the master's-prepared nurse to apply teaching-learning theory, principles of curriculum development, evaluation methodology, and role socialization as a nurse educator in a variety of settings. The program is designed to provide essential knowledge and skills required by nurse educators and facilitate the transition of the nurse from the clinical setting into the role of nurse educator.

The Family Nurse Practitioner Certificate program prepares the master's-prepared nurse for advanced clinical practice roles across the lifespan in various settings. The graduate develops expertise as a primary care provider with advanced practice skills in the assessment and management of health needs as well as in patient education, consultant and researcher roles.

The Nursing Informatics Certificate program prepares baccalaureate or higher degree prepared nurses as informaticists. The graduate develops skills to serve as the essential link among health care information systems, health care providers, and consumers.

Objectives

At the completion of the Master's program, the graduate should be able to:

1. Integrate scientific knowledge and theories from nursing and related disciplines into advanced nursing practice;
2. Apply organizational and systems leadership principles and methods for the promotion and evaluation of quality, ethical, and safe patient care;
3. Translate, integrate, and disseminate scientific evidence into practice;
4. Utilize technologies to deliver, enhance, integrate, and coordinate communication, education, and patient care;
5. Intervene at the systems level through the policy development process and employ advocacy strategies to influence health care;
6. Manage care through collaboration with other health care professional as a member and leader of health care teams; and
7. Integrate organizational client centered concepts to provide preventive and population based care.

Admission Requirements

Students applying for admission to the MSN program are expected to submit a portfolio for evaluation consisting of the following:

1. Submit three professional and/or academic references;
2. Submit transcripts verifying a minimum grade-point average of 3.0 for the last 60 semester credit hours of undergraduate work;
3. Hold a Bachelor of Science in Nursing (BSN) degree from a nationally accredited College; RN-MSN applicants must hold either an Associate Degree in Nursing or Diploma in Nursing.
4. Show proof of current licensure as a Registered Nurse in the state(s) where clinical practicum will occur;
5. Complete an undergraduate statistics course with a grade of "C" or better;
6. Submit either a two-page essay or video describing reasons for seeking a particular MSN degree and plans for the future.
7. A satisfactory score on the verbal/quantitative portions of the Graduate Record Examination (GRE). The entrance exam requirement is waived for MSN applicants with a grade point average of 3.2 or above for the last 60 semester credit hours of undergraduate course work. RN-MSN applicants are required to take the entrance exam.
8. Applicants from countries other than the United States must also meet the admission requirements for international students seeking a graduate degree as listed in the University catalog.
9. Consideration for admission is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study; socioeconomic background; and involvement and level of responsibility related to other factors, including extracurricular activities, employment, community service, first generation of family to graduate from an undergraduate program, family responsibility for raising children, multilingual proficiency, or geographic region of residence.

Criminal Background and Urine Drug Screening Checks and CPR Requirements

All applicants who are admitted to an MSN degree program in the College of Nursing and Health Sciences are required to complete a criminal background check and urine drug screening. No student will be allowed entry to a nursing course without a clear report or a letter from the Texas Board of Nursing certifying that any criminal history is not a danger to the public. Applicants must have current BCLS CPR certification before beginning clinical courses.

Semester Credit Hour Limitations

A student may not register for graduate nursing courses unless they have the permission of the Associate Dean or are fully or conditionally admitted into the graduate nursing program.

Transfer of Credit

A student may transfer a maximum of nine semester hours of graduate credit in which a grade of "B" or better has been earned from approved institutions. Transfer credit is subject to the approval of the Associate Dean. All coursework applied to the degree must be taken within a six-year period of time.

Degree Requirements for MSN Degrees

Core Courses (19 hrs.)

The following courses are core courses that must be taken by students in the MSN-ADM, MSN-EDU, MSN-FNP, RN-MSN, and MSN-MBA.

NURS 5301	Translational Science I
NURS 5302	Translational Science II
NURS 5324	Health Care Informatics
NURS 5321	Health Policy for Population Health
NURS 5325	Organizational and Systems Leadership
NURS 5201	Capstone I
NURS 5202	Capstone II

The following courses are taken according to the role the student selects within the MSN option. Clinical courses are followed by a ratio which indicates the number of didactic hours per week in the classroom followed by credit hours earned in an advanced practice setting.

MSN-Administration (37 hours)

The role area of administration requires four courses (three theoretical/practicum courses consisting of 37.5 practicum hours each and one cognate course). The student may also select electives of interest to complete the 37 SCH required for the degree.

MSN Core Courses (19 hours)

MSN-ADM Required Courses (18 hrs.)

NURS 5331	Leadership in the Healthcare Environment
NURS 5335	Legal, Regulatory, and Financial Management
NURS 5337	Nursing Administration: Delivery of Care

Plus one of the following MANA courses:

MANA 5320	Leading and Managing People
MANA 5350	Strategic Human Resources Management

6 free elective hours

MSN-Education (37 hours)

The role area of education consists of six required courses (three advanced practice courses, two theoretical nursing education courses and one practicum course consisting of 112.5 practicum hours).

MSN Core Courses (19 hours)

MSN-EDU Required Courses (18 hrs.)

The role area of education consists of six required courses.

NURS 5327	Nursing Education Curriculum Development
NURS 5328	Evaluation in Nursing Education
NURS 5329	Nurse Educator Role Strategies and Practicum
NURS 5350	Advanced Pathophysiology
NURS 5354	Advanced Pharmacotherapeutics
NURS 5352	Advanced Health Assessment

MSN-Family Nurse Practitioner (48 hours)

The role area of family nurse practitioner requires ten courses (listed below). With the exception of NURS 5350, NURS 5354, and NURS 5111, all FNP courses have a clinical component. A total of 48 SCH and 675 clinical hours are required for the degree.

MSN Core Courses (19 hours)

MSN-FNP Required Courses (29 hrs.)

NURS 5350	Advanced Pathophysiology
NURS 5352	Advanced Health Assessment
NURS 5354	Advanced Pharmacotherapeutics
NURS 5111	The Advanced Practice Role
NURS 5339	Diagnostic Methods and Procedures
NURS 5351	FNP Primary Care I
NURS 5353	FNP Primary Care II
NURS 5455	FNP Primary Care III
NURS 5347	FNP Practicum I
NURS 5349	FNP Practicum II

RN-MSN

Courses taken to complete BSN level of degree first year:

NURS 3333	Nursing Research
NURS 3415	Professional Development for the RN
NURS 4212	Gerontological Nursing
NURS 4501	Community Nursing
NURS 4631	Nursing Leadership and Management Upper-Division Elective (3 hrs.)

30 semester hours of advance placement credit is awarded upon successful completion of NURS 3415.

At this point, a student may choose to pursue BSN only.

Remaining courses for BSN include the following 3 courses:

NURS 3303	Pathophysiology of Acute Care
NURS 3312	Health Assessment for Registered Nurses
NURS 4234	Issues in Professional Nursing

Following completion of the preceding undergraduate coursework, students will be admitted to a specific master's degree program. Nineteen hours of MSN Core Courses are required in each MSN degree. The MSN-ADM and MSN-EDU programs are each 37 semester hours, The MSN-Family Nurse Practitioner program is a total of 48 semester hours.

The Coordinated M.S.N./M.B.A.

Students enrolling for this coordinated degree option must meet the admission requirements listed elsewhere in this catalog for both Business Administration and Nursing. Students complete a total of 58 SCH. Both the MSN and MBA degrees are awarded simultaneously at graduation.

MSN Core Courses (19 hours)

MSN-MBA Required Courses (18 hours)

NURS 5331	Leadership in the Healthcare Environment
NURS 5335	Legal, Regulatory, and Financial Management
NURS 5337	Nursing Administration: Delivery of Care

9 hours of electives taken from MBA coursework

MBA Coursework (30 hours)

In addition to the 37 hours required for the MSN degree, students take 30 hours of coursework for the MBA. Nine of those hours are electives taken as part of the MSN required coursework. The CBT Graduate Advisor develops the MBA portion of the dual degree plan.

Graduation Requirements

All candidates for a Master of Science in Nursing degree at The University of Texas at Tyler must meet the following requirements:

- A minimum grade-point of 3.0 on all graduate level work taken at UT Tyler. No course with a grade below "B" may be applied toward this degree.
- Nursing courses within a MSN curriculum may be repeated only once.
- Only two courses may be repeated. Exceptions may be made for extenuating circumstances.
- Satisfactory completion of all degree requirements.

Certificate Programs

Admission Requirements

Students applying for admission to a certificate program are expected to submit a portfolio for evaluation consisting of the following:

1. A Master of Science in Nursing degree from a nationally accredited college. (An exception is made for applicants to the Nursing Informatics certificate who are required to have a Baccalaureate in Nursing or higher degree.)
2. Current licensure as a Registered Nurse in the state where practicum will occur.
3. Three academic and/or professional references.
4. Consideration for admission is also given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study; socioeconomic background; and involvement and level of responsibility related to other factors, including extracurricular activities, employment, community service, first generation of family to graduate from an undergraduate program, family responsibility for raising children, multilingual proficiency, or geographic region of residence.

Academic Standing

Students in each certificate program must maintain a cumulative grade point average of 3.0 or greater. All other graduate degree regulations and policies are applicable to the certificate program.

Nursing Administration Certificate Program

The Nursing Administration Certificate program prepares the master's-prepared nurse to apply leadership and management skills to become the essential link between the vision and mission of the larger health care organization and the unit-based system of patient care. Resource allocation expertise, using professional skills in assessing and analyzing health care needs in the practice setting, is developed.

Certificate Requirements

Required Courses (9 hrs.)

The following courses must be taken by students in the Nursing Administration Certificate Program:

NURS 5331	Leadership in the Healthcare Environment
NURS 5335	Legal, Regulatory, and Financial Management
NURS 5337	Nursing Administration: Delivery of Care

Completion of the Certificate

The successful completion of 9 semester credit hours is required in the Nursing Administration Certificate program (see courses listed above). Individuals receive college credit for each course completed. These courses will be listed on an official university transcript and a certificate of completion will be awarded.

Nursing Informatics Certificate Program

This program will be available "pending approval by the Southern Association of Colleges and Schools Commission on Colleges."

The Nursing Informatics Certificate program prepares the baccalaureate or higher degree-prepared nurse to serve as the essential link among health care information systems, health care providers, and consumers. Skills in creating, implementing, and evaluating information systems are developed.

Certificate Requirements

Required Courses (15 hrs.)

The following courses must be taken by students in the Nursing Informatics Certificate Program:

ENIF 5381	Introductory Principles of Health Care Informatics
ENIF 5382	Information System Design and Analysis
ENIF 5383	Data Management for Evidence Based Practice
ENIF 5384	Information System Implementation and Evaluation
ENIF 5385	Informatics and Consumer Health

Completion of the Certificate

The successful completion of 15 semester credit hours is required in the Nursing Informatics Certificate program (see courses listed above). Individuals receive college credit for each course completed. These courses will be listed on an official university transcript and a certificate of completion will be awarded.

Nursing Education Certificate Program

The Nursing Education Certificate Program is designed to provide nurses with knowledge and skills of adult education designed to address the education issues unique to the nursing profession including client safety, clinical competencies, and requirements of the state board and other accreditation agencies.

The Nursing Education Certificate Program prepares the nurse to apply teaching-learning theory, principles of curriculum development, evaluation methodology, and role socialization as a nurse educator in a variety of settings.

Certificate Requirements

Required Courses (9 hrs.)

The following courses must be taken by students in the Nursing Education Certificate Program:

NURS 5327	Nursing Education Curriculum Development
NURS 5328	Evaluation in Nursing Education
NURS 5329	Nurse Educator Role Strategies and Practicum

Completion of the Certificate

The successful completion of 9 semester credit hours is required in the Nursing Education Certificate program (see courses listed above). Individuals receive college credit for each course completed. These courses will be listed on an official university transcript and a certificate of completion will be awarded.

Family Nurse Practitioner Certificate Program

For students who already hold a Master of Science in Nursing, the following Family Nurse Practitioner Certificate is available. Family Nurse Practitioner Certificates require completion of 20-29 semester credit hours. Students who have previously taken Advanced Pathophysiology, Advanced Health Assessment, and Advanced Nursing Pharmacotherapeutics are not required to repeat those nine hours of coursework.

Certificate Requirements

Required Courses (20-29 hrs.)

NURS 5350	Advanced Pathophysiology
NURS 5352	Advanced Health Assessment
NURS 5354	Advanced Pharmacotherapeutics
NURS 5111	The Advanced Practice Role
NURS 5339	Diagnostic Methods and Procedures
NURS 5351	FNP Primary Care I
NURS 5353	FNP Primary Care II
NURS 5455	FNP Primary Care III
NURS 5347	FNP Practicum I
NURS 5349	FNP Practicum II

Completion of the Certificate

The successful completion of 20 - 29 semester credit hours is required in the Family Nurse Practitioner program (see courses listed above). Individuals receive college credit for each course completed. These courses will be listed on an official university transcript and a certificate of completion will be awarded.

Doctoral Program

Dr. Jenifer Chilton, Interim Doctoral Program Director

The College of Nursing and Health Sciences offers a doctorate that focuses on health care in communities within the context of culture. The program, built on a strengths model, is offered in an online format and provides advanced education to prepare nurse researchers and educators for the future.

Doctor of Philosophy Degree (Ph.D.) in Nursing

Objectives

The Ph.D. in Nursing prepares nurse leaders to: 1) design and conduct research that contributes to the advancement of nursing science and global health; 2) conduct culturally sensitive research to guide nursing practice; 3) incorporate research outcomes to formulate policies pertinent to nursing and global health; and 4) disseminate innovative and creative strategies to improve health through nursing research, practice, and education.

Admission Requirements

In addition to the general requirements for admission to doctoral study at The University of Texas at Tyler, the following criteria must be met for entry into the program:

1. A baccalaureate or master's degree in nursing from a college or university approved by a recognized national accrediting body.
2. Submission of satisfactory Graduate Record Examination (GRE) scores taken within the last five years.
3. A current license to practice professional nursing.
4. International applicants will be evaluated for equivalency on criteria 1-3.
5. International students must score a minimum of 550 (paper), 213 (computer), or 79 (internet-based) on the Test of English as a Foreign Language (TOEFL). For more information on International applications, please see the general graduate section of this catalog.
6. A 3-5 page paper linking professional goals and research interests to health issues emphasized in this program.
7. Three academic and/or professional letters of reference.

Consideration for admission to the PhD in Nursing program will also be given to one or more of the following: the applicant's demonstrated commitment to his or her chosen field of study, socioeconomic background, first generation college graduate, multilingual proficiency, geographic region of residence, and level of responsibility in other matters including extracurricular activities, employment, community, service, and family responsibilities.

Degree Requirements

This degree program is delivered online. Students are required to attend an orientation on the UT Tyler campus prior to beginning coursework and an annual summer workshop. Students may be required to be present for other special activities throughout their program of study (e.g. dissertation defense).

1. **Minimum Credit Hours (60 hrs.)**
 - a. Required Courses - 39 hrs.
 - b. Electives - 9 hrs.
 - c. Dissertation - 12 hrs.
2. **Special degree requirements** (for details on university doctoral requirements, see the general graduate section of this catalog and the Graduate Nursing Handbook available on the College of Nursing Graduate Programs website)
 - a. The Proficiency Examination is taken after the student has completed a significant portion, if not all, coursework. Students may not advance to candidacy or register for dissertation hours until all coursework is completed and all portions of the Proficiency Examination have been passed satisfactorily.
 - b. Students have a maximum of nine years to complete the program. Students will have five years to complete the program after entering candidacy. Students unable to complete the program within the designated time limits must file for an extension.
 - c. A dissertation of original research contributing to the body of knowledge in nursing will be required. Students must enroll for dissertation hours during each long semester while in the dissertation process. A minimum of 12 hours of dissertation credit is required.
 - d. Students must meet all doctoral degree requirements of the University.
3. **Transfer work:** Students may transfer up to twelve hours of coursework with the approval of their advisor and the Doctoral Program Director. Students will be responsible for providing necessary documentation of course equivalency.

Below is a typical outline of program progression for a full-time student.

Year 1

Summer (1)

NURS 6341 Scholarship of Writing for the PhD

Fall

NURS 6310 Philosophy of Science
NURS 6342 Scholarship in Nursing
NURS 6320 Data Management

Spring

NURS 6312 Theory Construction and Evaluation
NURS 6322 Advanced Statistics
Elective/Cognate

Summer (2)

NURS 6333 Qualitative Research Designs & Methods
NURS 6324 Advanced Multivariate Statistics

Year 2

Fall

NURS 6330 Quantitative Research Designs & Methods
NURS 6350 Research in Transcultural Health
Elective/Cognate

Spring

NURS 6352 Health Care Policy Development
NURS 6337 Advanced Research Design & Methods
NURS 6339 Mixed Methods Research Design

	Proficiency Exam
Summer	Elective/Cognate
Year 3	
Fall	
NURS 6160- 6660	Dissertation
Spring	
NURS 6160- 6660	Dissertation

THE FACULTY

Emeritus Faculty

JOYCE E. BALLARD (2012)

Professor Emerita of Health and Kinesiology, College of Nursing and Health Sciences

WILLIAM C. BRUCE (2014)

Professor Emeritus of Education, College of Education and Psychology

KENNETH R. CASSTEVENS (2005)

Deceased

Associate Professor Emeritus of Journalism, College of Arts and Sciences

ROGER N. CONAWAY (2009)

Professor Emeritus of Speech Communication, College of Arts and Sciences

ROBERT H. CRANFORD (2006)

Professor Emeritus of Mathematics, College of Arts and Sciences

STEPHEN E. DANIELS (2011)

Professor Emeritus of History, College of Arts and Sciences

VINCENT J. FALZONE (2009)

Professor Emeritus of History, College of Arts and Sciences

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DONALD E. FISCHER (2002)

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TOMMY D. GILBREATH (2008)

Associate Professor Emeritus of Technology, College of Business and Technology

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BRENDA GILLIAM (2014)

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and Industrial Management
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Chair, Department of HRD and Technology
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