

COLLEGE OF ARTS, SCIENCES, AND EDUCATION



"Education is not the filling of a pail, but the lighting of a fire." —W.B. Yeats

Since ancient times, a liberal education has been a proven way for people to better their lives. The idea would not have lasted if it hadn't worked. Study of the liberal arts and sciences will provide you with a mastery of letter and number that will make you smarter and prepare you to lead others and to prosper in a constantly changing environment. In other words, a degree in the liberal arts and sciences won't just help you to land a job—it will empower you to discover a calling in life, to develop a greater capacity to think from various perspectives, to make connections, to articulate your point-of-view, to better appreciate the natural world, and to cultivate a sense of ethical responsibility. In what world are those not valuable qualities?

Mission Statement

We are a community of scholars who challenge each other to lives of inquiry.

Bachelors Degrees

- Applied Arts and Sciences (BAAS) (<http://catalog.tamut.edu/arts-sciences-education/baas/>)
- Biology (BS) (<http://catalog.tamut.edu/arts-sciences-education/biology/>)
- Chemistry (BS) (<http://catalog.tamut.edu/arts-sciences-education/chemistry/>)
- Criminal Justice (BSCJ) (<http://catalog.tamut.edu/arts-sciences-education/criminal-justice/>)
- English (BA) (<http://catalog.tamut.edu/arts-sciences-education/english/ba/>)
- English (BS) (<http://catalog.tamut.edu/arts-sciences-education/english/bs/>)
- General Studies (BGS) (<http://catalog.tamut.edu/arts-sciences-education/general-studies/>)
- History (BA) (<http://catalog.tamut.edu/arts-sciences-education/history/ba/>)
- History (BS) (<http://catalog.tamut.edu/arts-sciences-education/history/bs/>)
- Kinesiology (BS) (<http://catalog.tamut.edu/arts-sciences-education/kinesiology/>)
- Mass Communication (BS) (<http://catalog.tamut.edu/arts-sciences-education/mass-communication/>)
- Nursing-Traditional Track (BSN) (<http://catalog.tamut.edu/arts-sciences-education/nursing-traditional/>)
- Nursing ADN to BSN (RN to BSN) (<http://catalog.tamut.edu/arts-sciences-education/nursing/>)
- Political Science (BS) (<http://catalog.tamut.edu/arts-sciences-education/political-science/>)
- Psychology (BA) (<http://catalog.tamut.edu/arts-sciences-education/psychology/ba/>)
- Psychology (BS) (<http://catalog.tamut.edu/arts-sciences-education/psychology/bs/>)
- Sociology (BS) (<http://catalog.tamut.edu/arts-sciences-education/sociology/>)
- Social Work (BSW) (<http://catalog.tamut.edu/arts-sciences-education/social-work/>)
- Teacher Certifications (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/>)

Minors

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

Biology

Code	Title	Hours
BIOL 1306	Biology for Science Majors I	3
BIOL 1106	Biology for Science Majors I Lab	1
BIOL 1307	Biology for Science Majors II	3
BIOL 466	Evolutionary Biology	3
9 SCH UD Biology Electives		9
Total Hours		19

Biomedical Science (Available for RELLIS Biology majors only)

Code	Title	Hours
BIOL 311	General Microbiology	4
BIOL 402	Cell and Molecular Biology	4
Choose 10sch from the following courses:		10
BIOL 425	Immunology	
BIOL 445	Virology	
BIOL 446	Survey of Human Disease and Pathophysiology	
BIOL 456	Medical Microbiology	
BIOL 487	Human Parasitology	
CHEM 410	Biochemistry I	
Total Hours		18

Chemistry

Code	Title	Hours
CHEM 1311	General Chemistry I	3
CHEM 1111	General Chemistry I (Lab)	1
CHEM 1312	General Chemistry II	3
CHEM 1112	General Chemistry II (Lab)	1
CHEM 2423	Organic Chemistry I	4
CHEM 2425	Organic Chemistry II	4
CHEM 410	Biochemistry I	4
Total Hours		20

Communication

Code	Title	Hours
COMM 1311	Introduction to Communication Studies	3
COMM 1318	Interpersonal Communication	3
COMM 2335	Argumentation and Advocacy	3
COMM 320	Communication in Organizations	3
COMM 325	Persuasive Communication	3
MCOM 350	Mass Communication Research Methods	3
Total Hours		18

Criminal Justice

Code	Title	Hours
Select at least three sch from each of the following Areas:		9
Area I		
CJ 320	Deviance and Deviant Behavior	

CJ 325	Crime and Delinquency	
CJ 480	Criminological Theories	
Area II		
CJ 315	Law and Society	
CJ 340	Criminal Law and Procedure	
CJ 430	Constitutional Issues: Rights of Accused and Convicted Offenders	
CJ 485	Seminar in Criminal Justice	
Area III		
CJ 310	The Juvenile Justice System	
CJ 330	Institutional Corrections, Theory, and Practice	
CJ 360	Probation, Parole, and Community Corrections	
CJ 380	Ethnic and Cultural Diversity in America	
3 courses in upper division Criminal Justice		9
Total Hours		18

Drama

Code	Title	Hours
DRAM 1310	Introduction to Theatre	3
DRAM 1351	Acting I	3
DRAM 310	Myths, Mysteries, and Murders	3
DRAM 311	Manners, Modernity, and Masochism	3
DRAM 335	Playwriting I	3
DRAM 450	Studies in Genre (Drama)	3
Total Hours		18

English

Code	Title	Hours
ENGL 2360	Introduction to Literary Studies	3
Sophomore Level English Elective:		3
ENGL 2321	British Literature	
ENGL 2326	American Literature	
ENGL 2331	World Literature	
ENGL 2340	Writing Across the Curriculum	
ENGL 2351	Introduction to Creative Writing	
ENGL 2311	Technical Writing & Communication	
12sch Upper Division English (300 or 400 level)		12
Total Hours		18

Environmental Science

Code	Title	Hours
BIOL 2406	Environmental Biology	3
BIOL 307	General Ecology	3
BIOL 450	Limnology	4
BIOL 420	Global Change (EL) ¹	3
CHEM 405	Environmental Chemistry	3
Select one of the following:		3
BIOL 421	Endangered Ecosystems	
BIOL 422	Atmosphere and Biosphere	
BIOL 330	Introduction to Geographic Information Systems	
Total Hours		19

Forensic Science

Code	Title	Hours
BIOL 1306	Biology for Science Majors I	3
BIOL 1106	Biology for Science Majors I Lab	1
CHEM 1311	General Chemistry I	3
CHEM 1111	General Chemistry I (Lab)	1
CJ 430	Constitutional Issues: Rights of Accused and Convicted Offenders	3
Select 7sch from the following:		7
BIOL 472	Introduction to Forensic Science	
BIOL 473	Fundamentals of DNA Forensics	
FIVS 305	Forensic and Investigative Techniques	
CJ 340	Criminal Law and Procedure	
CJ 390	Criminal Investigations	
Total Hours		18

History

Code	Title	Hours
HIST 1301	United States History I	3
HIST 1302	United States History II	3
Upper-division History Electives		12
Total Hours		18

Humanities

Code	Title	Hours
HUMA 1301	Introduction to the Humanities I	3
or IS 1300	The Human Experience	
ARTS 1301	Art Appreciation	3
or MUSI 1306	Music Appreciation	
or DRAM 1310	Introduction to Theatre	
or HUMA 2306	Introduction to Ethics	
HISP 2375	United States Hispanic Culture and Civilization	3
or MCOM 2370	Introduction to American Film History	
or WGSS 1301	Introduction to Women's, Gender, and Sexuality Studies	
Upper Division English Elective (300-400 level)		3
Upper Division History Elective (300-400 level)		3
Upper Division Elective from: ART, DRAM, ENG, HUMA, HIST, MCOM, WGSS ^(300-400 level course)		3
Total Hours		18

Interdisciplinary Studies

Code	Title	Hours
Lower-division courses outside major		9
Upper-division courses outside major		9
Total Hours		18

International Studies

Code	Title	Hours
College-level Foreign Language		6
Select twelve sch from the following:		12
ENG 450	Studies in Genre	
ENG 472	Advanced British Literature	
HIST 451	Modern Latin America	
HIST 454	The Culture and History of Mexico	
HIST 352	Europe, 1920 to the Present	

HIST 470	Twentieth Century Asia
PSCI 340	Introduction to Comparative Politics
PSCI 350	Introduction to International Relations
PSCI 442	Disputes in International Relations
SOC 385	Globalization and Social Change
SOC 485	Religion and Society

Total Hours	18
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Any foreign-language of 3 SCH with an international travel component, in addition to the 6 SCH foreign-language requirement.

Kinesiology

Code	Title	Hours
BIOL 2401	Human Anatomy and Physiology I	4
BIOL 2402	Human Anatomy and Physiology II	4

Choose 4 courses from the list below:	12
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KINE 331	Motor Development
KINE 334	Test and Measurement in Kinesiology
KINE 343	Exercise Physiology
KINE 1354	Concepts of Physical Activity
KINE 432	Kinesiology and Biomechanics
KINE 436	Motor Skills for Special Populations
KINE 443	Exercise Testing and Prescription

Total Hours	20
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Leadership

Code	Title	Hours
LEAD 305	Introduction to Leadership: Concepts and Practices	3
LEAD 310	Leadership Theory and Practice	3
LEAD 400	Leadership and Gender Issues	3
LEAD 415	Organization Development and Change	3
LEAD 420	Community Leadership	3
Leadership Elective		3

Total Hours	18
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Mass Communication

Code	Title	Hours
MCOM 1307	Introduction to Mass Communication	3
Sophomore Level Mass-Communication course (2000 course number)		3
Select one of the following:		3
MCOM 305	Media Law and Ethics	
MCOM 300	Mass Communication Theory	
MCOM 350	Mass Communication Research Methods	

Upper Division Mass-Communication elective courses	6
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Mass Communication Elective (upper division or lower division)	3
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Total Hours	18
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Political Science

Code	Title	Hours
PSCI 2301	American Government I: Federal & Texas Constitutions	3
PSCI 2302	American Government II: Federal & Texas Political Behavior	3
Upper-division Political Science Electives		12

Total Hours	18
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Pre-Health (available for Biology Majors only)

Code	Title	Hours
MATH 1342	Elementary Statistical Methods	3
BIOL 2401	Human Anatomy and Physiology I	4
BIOL 2402	Human Anatomy and Physiology II	4
BIOL 311	General Microbiology	4
Select 1 of the following courses:		3-4
BIOL 332	Molecular Pharmacology and Toxicology	
BIOL 335	Medical Terminology	
BIOL 445	Virology	
BIOL 446	Survey of Human Disease and Pathophysiology	
CHEM 410	Biochemistry I	
Total Hours		18-19

Psychology

Code	Title	Hours
PSYC 2301	General Psychology	3
PSYC 2314	Lifespan Growth and Development	3
PSY 316	Abnormal Psychology	3
PSY 317	Psychology of Personality	3
or PSY 350	Learning and Behavior	
PSY 426	Introduction to Clinical and Counseling Psychology	3
Psychology Elective		3
Total Hours		18

Social Studies

Code	Title	Hours
ECON 2301	Principles of Macroeconomics	3
GEOG 1303	World Regional Geography	3
GEOG 413	Cultural Geography	3
PSCI 2301	American Government I: Federal & Texas Constitutions	3
PSCI 340	Introduction to Comparative Politics	3
or PSCI 350	Introduction to International Relations	
PSCI 427	Public Law (EL)	3
or PSCI 428	Intergovernmental Politics	
Total Hours		18

Social Work

Code	Title	Hours
SOCI 2350	Introduction to Social Work	3
SOCW 360	Working with Diverse Populations	3
SOCW 365	Social Work Practice with Individuals and Families	3
SOCW 370	Social Welfare Policy	3
SOC 495	Sociology Internship (EL)	3
3sch Upper Division Elective		3
Total Hours		18

Sociology

Code	Title	Hours
SOCI 1301	Introduction to Sociology	3
SOC 310	Sociological Theory	3
SOC 380	Ethnic and Cultural Diversity in America	3

Upper-division approved Sociology elective	9
Total Hours	18

Spanish

Code	Title	Hours
Required Lower Division Language Courses		
SPAN 1311	Beginning Spanish I	3
SPAN 1312	Beginning Spanish II	3
SPAN 2311	Intermediate Spanish I	3
SPAN 2312	Intermediate Spanish II	3
Required Upper Division Language Courses		
SPAN 303	Spanish Composition and Conversation ¹	3
or SPAN 497	Special Topics	
Interdisciplinary Course Requirements		
Select one of the following:		3
HIST 450	Latin America-The Colonial Era	
HIST 451	Modern Latin America	
HIST 454	The Culture and History of Mexico	
The minor advisor may approve the substitution of other courses, which have Latin America as their primary focus.		
Total Hours		18

¹ Prior to enrolling in Spanish courses, students must complete the following:

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

Women's Gender and Sexuality Studies

Code	Title	Hours
WGSS 1301	Introduction to Women's, Gender, and Sexuality Studies	3
WGSS 497	Special Topics in WGSS	3
or WGSS 489	Independent Study in WGSS	
12 Credits from the following:		12
CJ 350	Types of Crime	
ENG 430	Studies in Women's Literature	
HIST 416	Sex, Swords, & Sorcery: The Medieval World in Anglo-American Film	
HIST 419	American Social and Intellectual History	
HIST 370	American Women's History	
HONR 345	Advanced Academic Argument Seminar/Continental Philosophy	
PSCI 305	Introduction to Political Ideologies	
PSCI 410	American Political Theory	
PSCI 426	Civil Rights and Civil Liberties	
PSCI 450	Politics and Gender	
PSY 320	Psychology of Interpersonal Interaction	
PSY 445	Human Sexual Behavior	
SOCI 2301	Marriage and Family	
Total Hours		18

Writing Studies

Code	Title	Hours
ENGL 2340	Writing Across the Curriculum	3
ENGL 2351	Introduction to Creative Writing	3
MCOM 2311	Media Writing	3

Select 3 of the following courses:**9**

ENG 340	Advanced Expository Writing (EL)
ENG 345	Advanced Composition for Educators
ENG 350	Advanced Technical Writing
ENG 410	Writing Processes & Strategies
ENG 424	History and Structure of the English Language
ENG 497	Special Topics
MCOM 410	Feature Writing
Total Hours	

18

Masters Degrees

- Communication (MA) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/communication/>)
- Counseling (MS) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/counseling/>)
 - School Counselor Certification (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/counseling/school-counselor-certification/>)
 - Clinical Mental Health Counseling (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/counseling/clinical-mental-health-certification/>)
- Curriculum and Instruction (MS) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/>) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/>)
 - Adapted Physical Activity (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/adapted-physical-activity/>)
 - Teacher Certification (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/teaching-certification/>)
 - Special Education (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/special-education/>)
 - Reading-Specialist Certification (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/reading-specialist-certification/>)
 - Professional Educational Diagnostician (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/prof-educational-diagnostician/>)
 - Mathematics Concentration (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/mathematics-concentration/>) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/master-mathematics-teacher-certification/>)
 - ESL Education (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/curriculum-instruction/esl-education/>)
- Education Leadership; Principal as Instructional Leader Certification (MEd) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/education-leadership-principal-instructional-leader-certification/>)
- English (MA) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/english/>)
- History (MS) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/history/>)
- Instructional Technology (MS) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/instructional-technology/>)
 - Instructional Technology (MS with Master Technology-Teacher Certification) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/instructional-technology/master-technology-teacher-certification/>)
- Interdisciplinary Studies (MS) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/interdisciplinary-studies/>)
 - Teacher Education Concentration (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/interdisciplinary-studies/teacher-certification/>)
- Nursing Administration (MSN) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/nursing/>)
- Family Nurse Practitioner (MSN) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/nursingfnp/>)
- Psychiatric Mental Health Nurse Practitioner (MSN) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/nursingpnhnp/>)
- Psychology (MS) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/psychology/>)
- Social Work (MSW) (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/social-work/>)

Certifications

- Alternative Certification Program (ACP) (<http://catalog.tamut.edu/graduate-studies/graduate-alternate-certification-program/>)
- Teacher Certifications (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/>)
 - Biology 4-8 Science Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/biology-4-8-science-certification/>)
 - Biology 7-12 Composite Science Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/biology-7-12-composite-science-certification/>)
 - Biology 7-12 Life Sciences Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/biology-7-12-life-sciences-certification/>)

- Chemistry 7-12 Chemistry Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/chemistry-7-12-chemistry-certification/>)
- Elementary Education (EC-6) (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/elementary-education/>)
- English 4-8 English, Lang. Arts, Reading Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/english-4-8-english-lang-arts-reading-certification/>)
- English 7-12 English, Lang. Arts, Reading Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/english-7-12-english-lang-arts-reading-certification/>)
- History 7-12 History Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/history-7-12-history-certification/>)
- History 4-8 Social Studies Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/history-4-8-social-studies-certification/>)
- History 7-12 Social Studies Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/history-7-12-social-studies-certification/>)
- Kinesiology Physical Education EC-12 (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/kinesiology-physical-education-ec-12/>)
- Mathematics 4-8 Mathematics Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/mathematics-4-8-mathcertification/>)
- Mathematics 7-12 Mathematics Certification (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/mathematics-7-12-math-certification/>)
- Teacher Preparation Program (<http://catalog.tamut.edu/arts-sciences-education/teacher-certifications/>)
- Superintendent Certification (<http://catalog.tamut.edu/graduate-studies/arts-sciences-education/superintendent-certification/>)

Doctoral Degrees

- Education Leadership (<http://catalog.tamut.edu/doctorsal-studies/education-leadership/>)

Faculty and Staff Directory (<https://www.tamut.edu/directory/>)