

# COLLEGE OF ARTS AND SCIENCES

## College of Arts and Sciences (COAS)

The College of Arts and Sciences is the University's largest and most comprehensive academic unit. The College enjoys a broad mission in teaching, research, creative activities, and service to our international community. The College prepares students to:

- Think critically and communicate effectively
- Increase their knowledge base and appreciate the global nature of their world
- Participate actively in their education through collaboration with faculty in research and professional activities
- Become involved as leaders in their communities
- Pursue postgraduate and professional degrees in a variety of fields

Our graduate programs produce quality professionals with advanced technical and research skills who are dedicated to their discipline and have a desire to improve society.

## General Requirements for Undergraduate Degrees

See Academic Regulations (<http://catalog.tamui.edu/undergraduate-information/academic-regulations>) -Undergraduate for specific TAMUI regulations.

## Combined BA/MA, BS/MS Degree

Undergraduate students with majors in Communication, English, Criminal Justice, History, Mathematics, Political Science, Psychology or Sociology may pursue a combined BA/MA, BA/MS or BS/MS program. Students with an overall GPA of 3.2 or higher and a field GPA of 3.5 (3.25 for Mathematics) or higher (after completing at least six 3000-4000 level SCH; 9 SCH in Political Science with 3 SCH at the 3000-4000 level) may apply for admission to the Master of Arts/Master of Science program during their junior year. Students accepted into the program will begin taking graduate courses during the senior year. Students must attain a "B" in their coursework to remain in and continue the combined program.

Students will need to complete all admission requirements to the program during their junior year. This includes: Application to the University for admission to graduate study and submission of an official copy of the student's undergraduate transcript to the Dean of Graduate School. The student must also submit two letters of recommendation, one from the student's faculty advisor and one from another faculty member. Interruption of progress toward the degree may result in the requirement to reapply to the program and meet all admission requirements.

Students seeking the BA/MA degree in Communication, English, History and Political Thought concentrating in History, History and Political Science, or Political Science or Sociology take up to nine SCH of graduate coursework during the senior year. Students may count a portion or all of these graduate hours toward their undergraduate degree requirements or save a portion or all of them to count toward the graduate degree

requirements. Graduate courses used toward the undergraduate degree requirements will not be counted towards the graduate degree requirements.

Undergraduate students with a major in Criminal Justice or Psychology may pursue a combined BS/MS or a BA/MS program. Students seeking the BS/MS degree in Criminal Justice or the BA/MS in Psychology may take up to nine SCH of graduate coursework during the senior year. Students may count a portion or all of these graduate hours toward their undergraduate degree requirements or save a portion or all of them to count toward the graduate degree requirements. Graduate courses used toward the undergraduate degree requirements will not be counted towards the graduate degree requirements.

Undergraduate students enrolled in the BA or BS in Mathematics (not the BA in Mathematics with 7-12 Certification) may pursue a combined BA/BS/MS program. Those who pursue BA in Mathematics with 7-12 Certification need to take at least twelve SCH of additional 3000-4000 level stem-work in the discipline. Students seeking the BA/BS/MS degree in mathematics may take up to nine SCH of graduate coursework during the senior year. Students may count a portion or all of these graduate hours toward their undergraduate degree requirements or save a portion or all of them to count toward the graduate degree requirements. Graduate courses used toward the undergraduate degree requirements will not be counted towards the graduate degree requirements. Students electing to complete the BA/BS/MS in Mathematics are eligible for either the thesis or non-thesis option including Mathematics Education and Applied-Statistics tracks..

## Pre-Law Students

To be eligible for admission to law school the student must have completed a baccalaureate degree. In addition, each applicant to law school must take the Law School Admission Test (LSAT). This test is usually taken during the fall semester of the senior year. While law schools consider a variety of factors, the LSAT score and undergraduate performance are generally given the most weight in determining which applicants will be admitted to a given law school.

The first two years of study for pre-law students are similar to the core curriculum courses taken by all students at Texas A&M International University. The final two years will be used to fulfill the remaining requirements of an undergraduate degree.

Law schools do not require that students select any particular major or sequence of courses as undergraduates. However, according to the Association of American Law Schools, a prelegal education should emphasize oral and written communication skills, a critical understanding of social institutions, and analytical thinking. Therefore, with regard to the selection of appropriate electives, pre-law students should seek the advice of a pre-law advisor in the College of Arts and Sciences.

The following courses are some of those recommended as electives for the pre-law student: BA 3310, COMM 4323, ECO 1301, PHIL 2301, PSCI 3313, PSCI 3314, PSCI 3340, PSCI 4311, PSCI 4312, PSCI 4313, PSCI 4326 or any 3000-4000 level English course.

In addition to helping pre-law students with the selection of course electives, the pre-law advisor can assist students in obtaining information

about particular law schools, LSAT preparation, and the activities of the pre-law student organization.

## Pre-Medical and Pre-Dental Program

Students seeking to qualify for entrance to professional schools in medicine or dentistry are encouraged to meet regularly with a designated pre-health professions advisor in the College of Arts and Sciences. Pre-Medical and Pre-Dental advisors can guide students through additional requirements, recommended courses, and partnerships with professional schools.

The vast majority of students entering medical or dental school must complete four-years of college work. The curriculum offered by the College of Arts and Sciences provides a solid foundation in biology, chemistry, mathematics, and physics. A student does not have to major in biology or chemistry to meet medical and dental school prerequisites. As long as the student successfully completes the following courses, they will be able to matriculate into a state supported institution:

Code	Title	Semester Credit Hours
BIOL 1306	Principles of Biology I	3
BIOL 1106	Principles of Biology I-Lab	1
CHEM 1311	General Chemistry I	3
CHEM 1111	General Chemistry I-Lab	1
CHEM 1412	General Chemistry II	4
CHEM 2423	Organic Chemistry I	4
CHEM 2425	Organic Chemistry II	4
CHEM 3451	Biochemistry I	4
ENGL 1301	English Composition I	3
ENGL 1302	English Composition II	3
MATH 1342	Introductory Statistics	3
General or University Physics I and II		8
Three additional BIOL 4hr course		12

Students are encouraged to discuss their application plans with their advisor, and to take Medical College Admission Test (MCAT), or Dental Admission Test (DAT), by April the year before they wish to matriculate to professional school.

## Teacher Education

Students pursuing a Bachelor degree in the College of Arts and Sciences may include teacher certification for 7-12 or All-Level. Teacher Certification in grades 7-12 is offered in the following areas: English, History, Mathematics and Science, and Spanish. All-Level certification is available in Arts, Music and Spanish.

Students may contact the Certification Office for information about requirements for Teacher Certification. Additional information is included in the introduction section of the College of Education in this catalog.

## Degrees Undergraduate Degrees

- Bachelor of Applied Arts and Sciences (BAAS) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/bachelor-applied-arts-sciences-baas>)
  - Criminal Justice Concentration (BAAS) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/bachelor-applied-arts-sciences-criminal-justice-concentration-baas>)
- Bachelor of Arts with a Double Major (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/bachelor-arts-double-major-ba>)
- Bachelor of Arts with a major in Art (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts/bachelor-arts-major-art-ba>)
- Bachelor of Arts with a major in Art with All Level Certification (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts/bachelor-arts-major-art-all-level-certification-ba>)
- Bachelor of Arts with a major in Biology (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/bachelor-arts-major-biology-ba>)
- Bachelor of Arts with a major in Communication (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/psychology-communication/bachelor-arts-major-communication-ba>)
- Bachelor of Arts with majors in Communication and Spanish (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/psychology-communication/bachelor-arts-majors-communication-spanish-ba>)
- Bachelor of Arts with majors in Criminal Justice and Political Science (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/bachelor-arts-majors-criminal-justice-political-science-ba>)
- Bachelor of Arts with a major in English (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/bachelor-arts-major-english-ba>)
- Bachelor of Arts with a major in English with Grades 7 -12 Certification (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/bachelor-arts-major-english-grades-7-12-certification-ba>)
- Bachelor of Arts with a major in History (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/bachelor-arts-major-history-ba>)
- Bachelor of Arts with a major in History with Grades 7 - 12 Certification (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/bachelor-arts-major-history-grades-7-12-certification-ba>)
- Bachelor of Arts with majors in History and Political Science (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/bachelor-arts-major-history-political-science-ba>)
- Bachelor of Arts with a major in Mathematics (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/mathematics-physics/bachelor-arts-major-mathematics-ba>)
- Bachelor of Arts with a major in Mathematics with Grades 7 - 12 Certification (BA) (<http://catalog.tamui.edu/undergraduate>)

information/arts-sciences/mathematics-physics/bachelor-arts-major-mathematics-grades-7-12-certification-ba)

- Bachelor of Arts with a major in Political Science (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/bachelor-arts-major-political-science-ba>)
- Bachelor of Arts with a major in Psychology (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/psychology-communication/bachelor-arts-major-psychology-ba>)
- Bachelor of Arts with a major in Sociology (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/bachelor-arts-major-sociology-ba>)
- Bachelor of Arts with a major in Spanish (BA) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/bachelor-of-arts-major-in-spanish-ba>)
- Bachelor of Arts with a major in Spanish with All Level Certification (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/bachelor-arts-major-spanish-all-level-certification-ba>)
- Bachelor of Music with a major in Music (BM) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts>)
- Bachelor of Science with a major in Biology (BS) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/bachelor-science-major-biology-bs>)
- Bachelor of Science with a major in Chemistry (BS) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/bachelor-science-major-chemistry-bs>)
- Bachelor of Science with a major in Mathematics (BS) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/mathematics-physics/bachelor-science-major-mathematics-bs>)
- Bachelor of Science with a major in Systems Engineering (BS) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/engineering/bachelor-science-major-systems-engineering-bs>)
- Bachelor of Science with a major in Science with Grades 7 - 12 Certification (BS) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/bachelor-science-major-science-grades-7-12-certification-bs>)
- Bachelor of Science in Criminal Justice (BSCJ) (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/bachelor-science-criminal-justice-bscj>)

#### Pre-Engineering Curriculum

- Pre-Engineering Curriculum - TAMUK (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/mathematics-physics/pre-engineering-curriculum-tamuk>)

## Minors

- Anthropology (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/anthropology-minor>)
- Applied Physics (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/mathematics-physics/applied-physics-minor>)
- Art History (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts/art-history-minor>)
- Biology (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/biology-minor>)

- Chemistry (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/chemistry-minor>)
- Communication (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/psychology-communication/communication-minor>)
- Computer Science (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/mathematics-physics/computer-science-minor>)
- Creative Writing (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/creative-writing-minor>)
- Criminal Justice (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/criminal-justice-minor>)
- Dance (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts/dance-minor>)
- English (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/english-minor>)
- Environmental Science (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/environmental-science-minor>)
- French (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/french-minor>)
- Geography (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/geography-minor>)
- Geology (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/geology-minor>)
- History (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/history-minor>)
- International Leadership (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/international-leadership-minor>)
- Mathematics (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/mathematics-physics/mathematics-minor>)
- Military Science (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/military-science/military-science-minor>)
- Music (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts/music-minor>)
- Petroleum Engineering (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/engineering/petro-minor>)
- Philosophy (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/philosophy-minor>)
- Political Science (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/political-science-minor>)
- PreLaw (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/prelaw-minor>)
- Psychology (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/psychology-communication/psychology-minor>)
- Sociology (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/social-sciences/sociology-minor>)
- Spanish (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/spanish-minor>)
- Spanish-English Linguistics (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/spanish-english-linguistics-minor>)



- Studio Art (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts/studio-art-minor>)
- Theatre Arts (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/fine-performing-arts/theatre-arts-minor>)
- Translation of English & Spanish (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/translation-english-spanish-minor>)
- Women's & Gender Studies (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/mnor-womens-studies>)
- Writing and Rhetoric (<http://catalog.tamui.edu/undergraduate-information/arts-sciences/humanities/writing-rhetoric-minor>)

See **APPENDIX C** (<http://catalog.tamui.edu/appendix-c-minors>) for **College of Education and A.R. SANCHEZ, JR. School of Business Minors Available.**