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 -Undergraduate for specific TAMU 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 can take up to nine (9) SCH of graduate coursework during their senior year. Students may apply for admission to the Master of Arts/Master of Science program during their junior year. Students must begin the process by submitting a Graduate School application online via ApplyTexas. To be considered for admission into a graduate program by the TAMIU Graduate School, you must meet the minimum requirements of an undergraduate degree. 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:

- CHEM 1311, Principles of Chemistry I
- CHEM 1411, Principles of Chemistry I-Lab
- COMM 3311, Public Speaking
- COMM 4313, Advanced Public Speaking
- ECO 1301, Principles of Economics
- ECO 1302, Principles of Economics
- HIST 1311, Texas History
- HIST 1312, Texas History
- MATH 1311, Calculus I
- MATH 1312, Calculus II
- MATH 2330, Linear Algebra
- MATH 2430, Linear Algebra-Lab
- PSCI 3313, Introduction to Political Science
- PSCI 3314, Introduction to Political Science

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1306</td>
<td>Principles of Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1106</td>
<td>Principles of Biology I-Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 1311</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1111</td>
<td>General Chemistry I-Lab</td>
<td>1</td>
</tr>
</tbody>
</table>
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. 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 & Sciences

- Bachelor of Applied Arts and Sciences (BAAS)
- Bachelor of Applied Arts and Sciences Criminal Justice Concentration (BAAS)

Bachelor of Arts

- Bachelor of Arts with a Double Major (BA)
- Bachelor of Arts with a major in Art (BA)
- Bachelor of Arts with a major in Art with All Level Certification (BA)
- Bachelor of Arts with a major in Biology (BA)
- Bachelor of Arts with a major in Communication (BA)
- Bachelor of Arts with a major in Communication with a concentration in Digital and Strategic Communication (BA)
- Bachelor of Arts with majors in Communication and Spanish (BA)
- Bachelor of Arts with majors in Criminal Justice and Political Science (BA)
- Bachelor of Arts with a major in English (BA)
- Bachelor of Arts with a major in English with Grades 7-12 Certification (BA)
- Bachelor of Arts with a major in History (BA)
- Bachelor of Arts with a major in History with Grades 7-12 Certification (BA)
- Bachelor of Arts with majors in History and Political Science (BA)
- Bachelor of Arts with a major in Mathematics (BA)
- Bachelor of Arts with a major in Mathematics with Grades 7-12 Certification (BA)
- Bachelor of Arts with a major in Political Science (BA)
- Bachelor of Arts with a major in Psychology (BA)
- Bachelor of Arts with a major in Sociology (BA)
- Bachelor of Arts with a major in Spanish (BA)
- Bachelor of Arts with a major in Spanish with All Level Certification

Bachelor of Music

- Bachelor of Music in Performance (BM)
- Bachelor of Music Education (BM)

Bachelor of Science

- Bachelor of Science with a major in Biology (BS)
- Bachelor of Science with a major in Chemistry (BS)
- Bachelor of Science with a major in Mathematics (BS)
- Bachelor of Science with a major in Computer Engineering (BS)
- Bachelor of Science with a major in Petroleum Engineering (BS)
- Bachelor of Science with a major in Systems Engineering (BS)
- Bachelor of Science with a major in Science with Grades 7-12 Certification (BS)
- Bachelor of Science in Criminal Justice (BSCJ)

Minors

- Anthropology
- Applied Physics
- Art History
- Biology
- Chemistry
- Communication
- Computer Science
- Creative Writing
- Criminal Justice
- Dance
- English
- Environmental Science
- Geography
- Geology
- History
- International Leadership
- Mathematics
- Military Science
- Music
- Petroleum Engineering
- Philosophy
- Political Science
- PreLaw
- Psychology
- Sociology
- Spanish
• Studio Art
• Theatre Arts
• Translation of English & Spanish
• Women’s & Gender Studies
• Writing and Rhetoric

See APPENDIX C for College of Education and A.R. SANCHEZ, JR. School of Business Minors Available.