## TAMU-SA Core Curriculum

| English (010) | ENGL 1301 Rhetoric/Composition I
ENGL 1302 Rhetoric/Composition II | 6 hours |
| Communications (011) Speech | Choose one.
SPCH 1311 Intro to Speech Communication
SPCH 1315 Public Speaking
SPCH 1321 Business and Prof Communication (see core list at your institution for additional choices) | 3 hours |
| Mathematics (020)* | Choose one.
MATH 1316 Trigonometry
MATH 2312/2412 Precalculus | 3-4 hours |
| Natural Science (030)** | Choose two.
BIOL 1406 General Biology I or Biology for Sci Maj I
BIOL 1407 General Biology II or Biology for Sci Maj II | 8 hours |
| Literature Philosophy Language Cultural (040) | Choose one.
ENGL 2322, 2323 British Literature I, II
HIST 2321, 2322 World Civilization I, II
PHIL 1301 Introduction to Philosophy
SPAN 1411, 1412 Spanish I, II (see core list at your institution for additional choices) | 3-4 hours |
| Visual/Performing Arts (050) | Choose one.
ARTS 1301 Art Appreciation
MUSI 1306 Music Appreciation
DRAM 1310 Theatre Appreciation (see core list at your institution for additional choices) | 3 hours |
| US History (060) | HIST 1301 U.S. History to 1877
HIST 1302 U.S. History 1877 to Present | 6 hours |
| Political Science (070)** | GOVT 2301 American Govt I and
GOVT 2302 American Govt II OR
GOVT 2305 Federal Government and
GOVT 2306 State Government | 6 hours |
| Social & Behavioral Sciences (080) | Choose one.
PSYC 2301 General Psychology
SOCI 1301 Introductory Sociology
SOCI 1306 Social Problems
ECON 2301 Principles of Macroeconomics
ECON 2302 Principles of Microeconomics (see core list at your institution for additional choices) | 3 hours |
| Global Learning (090) | Choose one.
ANTH 2302 Archaeology
ANTH 2351 Cultural Anthropology
GEOG 1303 World Geography
HIST 2321 World Civilization I
HIST 2322 World Civilization II
PHIL 1301 Introduction to Philosophy | 3 hours |

**Total TAMU-SA Core Curriculum Hours** 44+ hours

*It is recommended you complete the core curriculum at your institution before transferring to TAMU-SA. If you transfer to TAMU-SA without a complete core curriculum, you will need the guidance of an advisor to determine which institution’s core curriculum you should complete and which courses are needed. If you transfer without a complete core, core courses from your institution generally transfer as core with the exception of the institutionally-designated option (90) which may differ from institution to institution.*
BS BIOL

**MAJOR/SUPPORT COURSES to be taken at transfer institution**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2421</td>
<td>Microbiology or Bacteriology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 4406</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1311/1111 or 1411</td>
<td>General Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1312/1112 or 1412</td>
<td>General Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1401</td>
<td>General Physics 1</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1402</td>
<td>General Physics 2</td>
<td>4</td>
</tr>
<tr>
<td>Minor†</td>
<td>Up to 4 courses in support field- see note</td>
<td>0-12</td>
</tr>
</tbody>
</table>

**Total Major Hours** 32 hours

**Total Hours** 76+ hours

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**MAJOR/MINOR COURSES to be taken at TAMU-SA**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3323/3123</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3325/3125</td>
<td>Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3402</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3407</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3408, 4411 or 4426</td>
<td>Animal Physiology, Plant Physiology or Cellular Physiology. <strong>Pick one.</strong></td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3301</td>
<td>Evolutionary Theory</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4102</td>
<td>Biology Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BIOL ADV</td>
<td>Any Advanced Biology. <strong>Pick three.</strong></td>
<td>12</td>
</tr>
<tr>
<td>STAT 4301 or MATH 4303</td>
<td>Biometrics or Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>Minor†</td>
<td>At least 2 adv courses in minor- see note</td>
<td>6-18</td>
</tr>
<tr>
<td>Electives</td>
<td>As needed</td>
<td>0+</td>
</tr>
</tbody>
</table>

**Total Major/Minor Hours** 45 hours

**Minimum Hours Required** 120 hours

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Notes:

1. MATH 1314 or higher will fulfill the Core Curriculum requirement. MATH 1316 or MATH 2312/2412 is a requirement for this degree.
2. Any two science courses (one with lab) will satisfy the Core Curriculum requirement. BIOL 1406 and BIOL 1407 are requirements for this degree.
3. Students are encouraged to complete both government courses at the same institution. If not, only these two alternative combinations will meet state requirements: GOVT 2301 & 2305 or GOVT 2301 & 2306.
4. **Minor** – Students must choose a support field, also known as a minor. The minor generally consists of 18 hours (6 courses) in the same field of study. Minor options are Psychology, Criminology, English, History (21 hours), Math, Sociology, Journalism, Reading, Special Education, Biology, Computer Information Systems, Women’s Studies, or Computer Science. Kinesiology, Political Science, and Business are also available as minors but require guidance from an academic advisor as there are specific course requirements.
   45 upper-division hours are needed for graduation. Consult with your academic advisor to determine the optimum number of lower-division and upper-division courses within the chosen minor. As this major offers 43 hours of upper-division coursework, students may complete up to 12 lower-division hours toward the minor. Students are required to complete at least 6 hours of minor coursework at TAMU-SA. If so desired, all of the minor requirements may be completed at TAMU-SA.

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Updated Sept 2011