**BIOLOGY**

*Associate of Arts*

This is a recommended course of study for students who seek an Associate of Arts degree with a major in Biology or plan to pursue a baccalaureate degree in Biology at a four-year institution of higher education in Texas. This course of study may also be used by students planning to pursue pre-professional study. Students planning to transfer to a four-year institution should confirm transferability of courses to meet degree requirements.

**Communication Core 010 (6 hrs)**
- ENGL 1301 Composition I
- ENGL 1302 Composition II

**Mathematics Core 020 (3 hrs)**
Choose one of the following:
- MATH 1314 College Algebra
- MATH 1316 Trigonometry
- MATH 1324 Mathematics for Business & Social Sciences
- MATH 1325 Calculus for Business & Social Sciences
- MATH 1342 Elementary Statistics Methods
- MATH 1350 Fundamentals of Math I
- MATH 1351 Fundamentals of Math II
- MATH 2312 Pre-Calculus Math
- MATH 2320 Differential Equations
- MATH 2413 Calculus I

**Life and Physical Sciences Core 030 (6 hrs) plus labs**
- BIOL 1406 General Biology I
- BIOL 1407 General Biology II

**Language, Philosophy and Culture Core 040 (3 hrs)**
Choose one of the following:
- ENGL 2322 British Literature I
- ENGL 2323 British Literature II
- ENGL 2327 American Literature I
- ENGL 2328 American Literature II
- ENGL 2332 World Literature I
- ENGL 2333 World Literature II
- PHIL 1301 Introduction to Philosophy I
- HUMA 1301 Introduction to Humanities
- SPAN 1411 Beginning Spanish I
- SPAN 1412 Beginning Spanish II

**Creative Arts Core 050 (3 hrs)**
Choose one of the following:
- ARTS 1303 Art History I
- ARTS 1304 Art History II
- ARTS 1313 Foundations of Art
- DRAM 1310 Introduction to Theater
- DRAM 2366 Development of the Motion Picture
- MUSI 1306 Music Appreciation
- MUSI 1307 Music Literature
- MUSI 1310 American Music

**American History Core 060 (6 hrs)**
- HIST 1301 U.S. History I
- HIST 1302 U.S. History II

**Government /Political Science Core 070 (6 hrs)**
- GOVT 2305 Federal Government
- GOVT 2306 Texas Government

**Social and Behavioral Science Core 080 (3 hrs)**
Choose one of the following:
- ANTH 2351 Cultural Anthropology
- CRJ 1307 Crime in America
- ECON 2301 Principles of Macroeconomics
- ECON 2302 Principles of Microeconomics
- GEOG 1303 World Regional Geography
- HIST 2301 Texas History
- HIST 2311 Western Civilization I
- HIST 2312 Western Civilization II
- PHED 1346 Drug Use & Abuse
- PSYC 2301 General Psychology
- PSYC 2306 Human Sexuality
- PSYC 2314 Life Span Growth and Development
- SOCI 1301 Introduction to Sociology
- SOCI 1306 Social Problems
- SOCI 2306 Human Sexuality
- SOCI 2319 Minority Studies

**Component Area Option 090 (6 hrs)**
4 SCH from below:
- SPCH 1315 or SPCH 1318
- PSYC 1300/EDUC 1300
- PHED 1164

**Major in Biology Electives***

*Students who plan to pursue a baccalaureate degree should seek advising from the institution to which they intend to transfer.*

- CHEM 1411 General Chemistry I
- CHEM 1412 General Chemistry II
- CHEM 2423 Organic Chemistry I
- CHEM 2425 Organic Chemistry II
- COSC 1301 Introduction to Computing
- PHYS 1401 College Physics I
- PHYS 1402 College Physics II

Select up to 18 SCH of electives to bring the total semester hours to 60.

**Total Semester Hours – 60**

*Courses are suggested electives that will contribute to AA degree requirements. Different electives may be chosen, but must be selected from the academic rather than the technical courses, as indicated in the course descriptions.*

Fall 2014 Program Curriculum