

# ASSOCIATE IN SCIENCE

## 003-BIOLOGICAL SCIENCE (ABIO)

The Associate in Science in Biological Science consists of the general education curriculum and the supporting science courses. In support of the mission of the University, the school, and the department, the degree seeks to develop a student with a broad and diverse background in science and general education.

**REQUIRED HOURS .....64**

**Communications..... 9**

- ENGL 1113 Composition I
- ENGL 1213 Composition II
- SPCH 1113 Speech Communication

**Social and Behavioral Sciences ..... 9**

History ..... 3

*Select from the following:*

- HIST 2483 American History to 1877
- HIST 2493 American History since 1877
- POLS 1113 American Federal Government .....3

Social Science ..... 3

*Select from the following:*

- ECON 2113 Principles of Macroeconomics
- ECON 2123 Principles of Microeconomics
- PSY 1113 Introduction to Psychology
- SOC 1113 Introduction to Sociology

**Science and Mathematics.....12**

Physical Science ..... 5

*Select from the following:*

**\*CHEM 1315 General Chemistry I**

- GEOL 1014 Earth Science
- GEOL 1114 Physical Geology
- GEOL 1124 Physical Geography
- GEOL 1224 Historical Geology
- GEOL 2124 Astronomy
- PHYS 1014 General Physical Science
- PHYS 1114 General Physics I

Biological Science ..... 4

*Select from the following:*

- BIOL 1114 General Biology
- BIOL 1134 General Environmental Biology
- \*BIOL 1144 General Cellular Biology**

Mathematics ..... 3

*Select from the following:*

- MATH 1503 Mathematics for Critical Thinking
- \*MATH 1513 College Algebra or higher**
- MATH 1613 Trigonometry
- MATH 1715 Pre-Calculus
- MATH 2264 Analytical Geometry & Calculus I

**Humanities ..... 6**

*Select from the following:*

- ART (HUM) 1113 Art Appreciation
- COMM (HUM) 2413 Theatre Appreciation
- ENGL 2613 Introduction to Literature
- HUM 2113 Humanities I
- HUM 2223 Humanities II
- HUM 2893 Cinema
- MUSC (HUM) 2573 Music Appreciation
- PHIL 1113 Introduction to Philosophy

**Global Studies ..... 3**

*Select from the following:*

- BIOL 3103 Plants and Civilization
- ECON 3003 International Economic Issues and Policies
- GEOG 2243 Human Geography
- GERM 1113 Beginning German I
- HIST 2013 World Civilization I
- HIST 2023 World Civilization II
- HUM 3633 Comparative Religion
- LANG 1113 Foundations of World Languages
- NAMS 1143 Native Americans of North America
- NAMS 2503 Cherokee I
- PHIL 1313 Values and Ethics
- POLS 3053 International Relations
- SOC 3213 Minority Groups
- SPAN 1113 Beginning Spanish I

**Elective ..... 3**

*Select three additional hours from the courses listed above and not previously selected.*

**\*Required**

**Program Requirements..... 18**

- BIOL (Any course 2000 or higher)
- BIOL 2104 General Botany
- BIOL 2205 General Zoology
- CHEM 1415 General Chemistry

**Support and Related..... 4**

*Select from the following:*

- BIOL (Any course 2000 or higher)
- CHEM 3125 Organic Chemistry I
- CHEM 3225 Organic Chemistry II
- MATH 2843 Statistics
- PHYS 1114 General Physics I
- PHYS 1214 General Physics II

**Total Credit Hours ..... 64**