

Biological Science

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2008

Biological Science major leads to the Associate of Science degree and prepares the student for transfer to a four-year institution. Students completing the baccalaureate program or graduate work may be hired in the major or allied fields as a biomedical engineer, geneticist, pharmacologist, botanist, aquatic biologist, clinical lab technologist, food/drug inspector, fish and game warden or environmental specialist.

Required Courses - Major:

	Units
Biology 250 Principles of Biology	5
Biology 255 Botany	5
Biology 257 Zoology	5
Chemistry 250 General Chemistry I	5
Chemistry 251 General Chemistry II	5
Plus 8 units selected from either physics options listed below:	8
Physics 210 General Physics I	4
Physics 211 General Physics II	4
or	
Physics 214 Principles of Physics I	4
Physics 215 Principles of Physics II	4

Plus an additional 9-10 units selected from the following: 9-10

Mathematics 200 Precalculus Mathematics	5
Mathematics 210 Calculus and Analytic Geometry I	5
Mathematics 211 Calculus and Analytic Geometry II	5
Mathematics 220 Statistics	4

To fully benefit from the Biology program, students should also successfully complete one of the suggested optional electives listed below. These courses are not required for the major.

Biology 241 Marine Biology	4
Biology 242 Oceanography	3
Biology 243 Biology of Marine Mammals	3
Biology 245 Environmental Toxicology	3

Total Major units	42-43
Total Degree units	60

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Required Courses - Major:

	Units
Biology 255 Botany	5
Biology 257 Zoology	5
Chemistry 250 General Chemistry I	5
Chemistry 251 General Chemistry II	5
Total Major units	20
Total Degree units	60