

ENVIRONMENTAL SCIENCE

2013-2014

Student Name: _____

ID #: _____

Date: _____

Counselor: _____

The Associate of Science degree in Environmental Science provides students with the basic content required for students majoring in Environmental Sciences, with emphasis in the fields of biology and the geosciences. The study of the environment provides the general knowledge necessary to understand our role on our planet.

To complete the requirements for the Associate of Arts for this degree*, a student must:

1. Complete the requirements for an associate degree.
2. **Complete a minimum of twenty-four to twenty-five (24-25) units with a "C" or better in each course** in the following program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

Required Courses:		Units	IP	Need	Grade
BIOL 100 or BIOL 130 or 130H	General Biology or Cell and Molecular Biology	4			
CHEM 101 or CHEM 150 or 150H	Introduction to Chemistry or General Chemistry I	4-5			
GEOL 100 or 100H or GEOL 160 and GEOL 101 or 101H	Physical Geology or Geology Laboratory and Introduction to Geology	4			
Total Required Units:		12-13			

In addition to the required coursework, each student must choose an emphasis and complete at least twelve (12) units from one of the following areas:

Emphasis in Biological Sciences:		Units	IP	Need	Grade
BIOL 123	Ecology and Environment	3			
BIOL 131	Populations and Organisms	4			
CHEM 151 or 151H	General Chemistry	5			
CHEM 102 or CHEM 212	Introduction to Organic Chemistry or Organic Chemistry I	4			
CHEM 213	Organic Chemistry II	4			
Total Biological Sciences Units:					

Emphasis in Geoscience Studies:		Units	IP	Need	Grade
GEOG 110 or 110H	Physical Geography	3			
GEOG 111 or 111H	Physical Laboratory	1			
GEOG 126	Geography of California	3			
GEOL 150 or 150H	Geology and the Environment	3			
GEOL 170	Geologic History of the Great Basin	1			
GEOL 175	Geology of the Eastern Mojave Desert	1			
GEOL 177	Geology of the High Desert and Western Mojave Desert Region	1			
GEOL 180	Geology of Joshua Tree National Park	1			
GEOL 181	Geology of the Anza Borrego Region	1			
GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1			
GEOL 250	Geology of California	3			
GEOL 270	Geology of the Eastern Sierra Nevada	1			
ANTHRO 106 or 106H	Biological Anthropology	3			
CHEM 151 or 151H	General Chemistry II	5			
PHYSIC 100 or PHYSIC 110	Introduction to Physics General Physics I	4			
PHYSIC 250	College Physics I	4			
Total Geoscience Studies Units:					

Total Required and Emphasis Environmental Science Units:	24-25				
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**Lower division requirements for students interested in transferring to a four-year institution in this field may differ from Associate degree requirements. Prospective students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at www.assist.org.*