

## PROGRAM OF STUDY

### Liberal Arts & Sciences: Natural Sciences Associate in Arts Degree

These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools.

#### Natural Sciences

Select a maximum of two (2) courses from any one discipline

		Units
ANTHRO1	Biological Anthropology	3
ASTRO10	Introduction to Astronomy	4
BIOL1	Principles of Biology	4
BIOL2	Environmental Science	4
BIOL5	Human Biology	4
BIOL11A	Biology for Science Majors I	5
BIOL11B	Biology for Science Majors II	5
BIOL20	Human Anatomy	4
BIOL22	Human Physiology	5
BIOL31	Microbiology	5
CHEM1A	General Chemistry	5
CHEM1B	General Chemistry and Qualitative Analysis	5
CHEM3A	Introductory General Chemistry	4
CHEM3B	Introductory Organic and Biological Chemistry	4
CHEM8	Elementary Organic Chemistry	3
CHEM9	Elementary Organic Chemistry Laboratory	3
CHEM10	Elementary Chemistry	4
CHEM28A	Organic Chemistry I	3
CHEM28B	Organic Chemistry II	3
CHEM29A	Organic Chemistry Laboratory I	2
CHEM29B	Organic Chemistry Laboratory II	2
GEOG5	Physical Geography: Environmental Conditions	3
GEOG9	Physical Geography: Land Formation	3
GEOL1	Physical Geology	4
GEOL2	Historical Geology	3
GEOL9	Introduction to Earth Science	4
GEOL10	Rocks, Fossils, and Minerals	3
NR1	Introduction to Forestry	3
NR4	Forest Ecosystems	3
NR6	Dendrology	3
NR7	Conservation of Natural Resources	3
NR14	Principles of Wildlife Management	3
PHYS2A	General Physics I	4
PHYS2B	General Physics II	4
PHYS4A	Physics for Scientists and Engineers	4
PHYS4B	Physics for Scientists and Engineers	4
PHYS4C	Physics for Scientists and Engineers	4
PLS1	Introduction to Plant Science	3
PLS1L	Introduction to Plant Science Laboratory	1
PLS2	Soils	3
SCI1A	Introductory Chemical and Physical Science	4
BIOL10	Introduction to Life Science Lecture	3
	<b>and</b>	
BIOL10L	Introduction to Life Science Lab	1

**Total Units**

**18**

Effective Term: Fall 2016

PID 535