

NATURAL SCIENCE
(Elementary Education Majors)

I. **General Education:** Eight semester hours (8 SH) of courses from one theme identified with an asterisk (*) may be applied to satisfy the General Education Science Inquiry requirement.

II. **Natural Science Second Academic Concentration Requirements:..... 18 SH**

A. **Natural Science Courses 8 SH**

Select 8 SH of General Education courses from one of the Science Inquiry Perspective Themes identified below with an asterisk (*)

Voyages Through the Cosmos:*

AST 1001 Introductory Astronomy I-
The Solar System* 4 SH
AST 1002 Introductory Astronomy II-
Stars and Galaxies* 4 SH

Biology and Society:*

BIO 1201 Biology in Society I* 3 SH
BIO 1202 Biology in Society II* 3 SH
BIO 1203 Biology in Society Laboratory* 3 SH

Chemistry Connections to Our Changing World:*

CHE 1101 Introductory Chemistry I* 3 SH
CHE 1110 Introductory Chemistry
Laboratory I* 1 SH
CHE 1102 Introductory Chemistry II* 3 SH

CHE 1120 Introductory Chemistry

Laboratory II* 1 SH

The Blue Planet:*

GLY 1104 Water: Mountains to Sea* 4 SH
GLY 1105 Oceanography* 4 SH

Restless Planet: Earth, Environment and Evolution:*

GLY 1101 Introduction to Physical Geology* 4 SH
GLY 1102 Introduction to Historical Geology* .. 4 SH
GLY 1103 Environmental Change, Hazards, and
Resources* 4 SH

The Physics of Our Technological World:*

PHY 1103 General Physics I* 4 SH
PHY 1104 General Physics II* 4 SH

B. **Electives: Natural Science and Related Courses: 9 SH**

Courses must be taken from at least two (2) different areas/prefixes. Students may also select from the Science Inquiry Perspective Themes not chosen above for General Education. Students select an additional 9 SH from any of the remaining themes or courses listed below.

BIO 1801 Biological Concepts I..... 4 SH	GLY 1102 Introduction to Historical Geology..... 4 SH
BIO 3312 Environmental Studies..... 3 SH	GLY 1103 Environmental Change, Hazards, and Resources 4 SH
BIO 4044 The Meaning and Nature Of Science..... 3 SH	GLY 1104
GHY 3100 Weather and Climate..... 3 SH	PHY 3140 Environmental Physics..... 3 SH
GLY 1101 Introduction to Physical Geology 4 SH	PHY 3150 Physical Principles of Meteorology ... 3 SH

C. **CI 4401 Science and Science Teaching in the Elementary School 3 SH 1 SH**
(1 SH to be counted for SAC credit)

Students must observe all prerequisites for courses as listed in the GENERAL BULLETIN. Not all courses are offered every semester. The student should consult the BULLETIN for prerequisites and "Schedule of Classes" to identify which courses are offered which semester.

Contact Person: Students should contact their major program coordinator or advisor with questions. If question is in relation to a course listed above, the Chairperson of the department offering the course

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should be contacted.

SECOND ACADEMIC CONCENTRATION