

**NATURAL SCIENCE**  
**(Non-Elementary Education)**

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

**II. SCIENCE CONCENTRATION ..... 20 SH**

**A. The Science Inquiry Perspective requires 8 semester hours from one theme ..... 8 SH**  
**Courses in themes marked with an \* must be taken sequentially. Check the course descriptions for any pre and co-requisites**

<u>Biology and Society:</u> *		GLY 1103 Introduction to Environmental and Applied Geology* ..... 4 SH
BIO 1101 Biology in Society I* ..... 4 SH		
BIO 1102 Biology in Society II* ..... 4 SH		
<u>Chemistry Connections to Our Changing World:</u> *		<u>How Things Work</u> *
CHE 1101 Introductory Chemistry I* ..... 3 SH		PHY 1101 How Things Work* ..... 4 SH
CHE 1110 Introductory Chemistry Laboratory I* ..... 1 SH		PHY 1102 Environment and Everyday Life* ..... 4 SH
CHE 1102 Introductory Chemistry II* ..... 3 SH		<u>Physics of Our Technological World:</u> *
CHE 1120 Introductory Chemistry Laboratory II* ..... 1 SH		PHY 1103 General Physics I* ..... 4 SH
		PHY 1104 General Physics II* ..... 4 SH
<u>The Blue Planet:</u> *		<u>Physics of Self Expression</u> *
GLY 1104 Water: Mountains to Sea* ..... 4 SH		PHY 1101 How Things Work* ..... 4 SH
GLY 1105 Oceanography* ..... 4 SH		PHY 1810 Light and Color* ..... 4 SH
		PHY 1812 Acoustics and Harmonics ..... 4 SH
		PHY 1814 Sound and Recording ..... 4 SH
<u>Restless Planet: Earth, Environment and Evolution:</u> *		<u>Physics with Calculus</u> *
GLY 1101 Introduction to Physical Geology* ..... 4 SH		PHY 1150 Analytical Physics I* ..... 5 SH
GLY 1102 Introduction to Historical Geology* ..... 4 SH		PHY 1151 Analytical Physics II* ..... 5 SH

**B. Select the three courses below that do not carry the same prefix as the sequence you took as your General Education Science Inquiry requirement ..... 12 SH**

- BIO 1101 Biology in Society I (if BIO course not taken as General Education Science)\* ..... 4 SH (F;S)
- CHE 1101/1110 Introductory Chemistry I (required if CHM course is not taken as General Education Science)\* ..... 4 SH (F;S)
- GLY 1101 Introduction to Physical Geology (required if GLY course is not taken as General Education Science)\* ..... 4 SH (F;S)
- PHY 1101 How Things Work I (required if PHY course is not taken as General Education Science)\* ..... 4 SH (F)

**Note:** Students are responsible for checking the catalog for prerequisites and co-requisites.

**NOTE FOR MIDDLE GRADES EDUCATION MAJORS:** Middle Grades Education Majors selecting Science as one of their two Middle Grades Concentrations satisfy this Science Second Academic Concentration. **Middle grades education majors should follow their Middle Grades Science Program of Study and must contact Dr. Laurie Ramirez, Middle Grades Coordinator, 412 F College of Education Building, 262-8008.**

Contact Person: Students should contact their major program coordinator or advisor with questions.