

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 Environmental Change, Hazards, and Resources *	4 SH
BIO 1201 Biology in Society I*	3 SH		
BIO 1202 Biology in Society II*	3 SH		
BIO 1203 Biology in Society Laboratory*	2 SH	<u>How Things Work*</u>	
		PHY 1101 How Things Work*	4 SH
		PHY 1102 Environment and Everyday Life*	4 SH
<u>Chemistry Connections to Our Changing World:</u> *			
CHE 1101 Introductory Chemistry I*	3 SH		
CHE 1110 Introductory Chemistry Laboratory I*	1 SH	<u>Physics of Our Technological World:</u> *	
CHE 1102 Introductory Chemistry II*	3 SH	PHY 1103 General Physics I*	4 SH
CHE 1120 Introductory Chemistry Laboratory II*	1 SH	PHY 1104 General Physics II*	4 SH
		<u>Physics of Self Expression*</u>	
		PHY 1101 How Things Work*	4 SH
		PHY 1810 Light and Color*	4 SH
<u>The Blue Planet:</u> *		PHY 1812 Acoustics and Harmonics	4 SH
GLY 1104 Water: Mountains to Sea*	4 SH	PHY 1814 Sound and Recording	4 SH
GLY 1105 Oceanography*	4 SH		
		<u>Physics with Calculus*</u>	
<u>Restless Planet: Earth, Environment and Evolution:</u> *		PHY 1150 Analytical Physics I*	5 SH
GLY 1101 Introduction to Physical Geology*	4 SH	PHY 1151 Analytical Physics II*	5 SH
GLY 1102 Introduction to Historical Geology*	4 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 1201/1203 Biology in Society I (if BIO course not taken as General Education Science)* 5 SH (F;S)
- CHE 1101/1110 Introductory Chemistry I (required if CHE 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.