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*(Prereq: ND).................4 SH
AST 1002 Introductory Astronomy II- Stars and Galaxies*(Prereq: ND, AST 1001) ..........4 SH

Biology and Society:*
BIO 1201 Biology in Society I*(Prereq: ND) .....3 SH
BIO 1202 Biology in Society II*(Prereq: ND) ..3 SH
BIO 1203 Biology in Society Laboratory* (Prereq: ND)..................................................2 SH

Chemistry Connections to Our Changing World:*
CHE 1101 Introductory Chemistry I* (Prereq: ND. Pre/Co-req CHE 1110)..........3 SH
CHE 1110 Introductory Chemistry Laboratory I* (Prereq: ND. Pre/Co-req CHE 1101).......1 SH
CHE 1102 Introductory Chemistry II* (Prereq: ND, CHE 1101, CHE 1110; Pre/Co-req CHE 1120) ....................................................3 SH
CHE 1120 Introductory Chemistry Laboratory II* (Pre/Co-req: CHE 1102)..........................3 SH

The Blue Planet:*
GLY 1104 Water: Mountains to Sea*.............4 SH
GLY 1105 Oceanography*(Prereq: ND) ..........4 SH

Restless Planet: Earth, Environment and Evolution:*
GLY 1101 Introduction to Physical Geology* (Prereq: ND)....................................................4 SH
GLY 1102 Introduction to Historical Geology* (Prereq: ND)....................................................4 SH
GLY 1103 Environmental Change, Hazards, and Resources*(Prereq: ND).........................4 SH

The Physics of Our Technological World:*
PHY 1103 General Physics I*(Prereq: ND; Coreq MAT 1020 or MAT 1025) .................4 SH
PHY 1104 General Physics II*(Prereq: ND, PHY 1103).......................................................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 (Coreq: CHE 1101).................................4 SH
BIO 3312 Environmental Studies* (Prereq: BIO 1802 & RC 2001 or equivalent) ....3 SH
GHY 3100 Weather and Climate (Prereq: GHY 1010)..............................................3 SH
GLY 1101 Introduction to Physical Geology* (Prereq: ND)..........................................4 SH
GLY 1102 Introduction to Historical Geology* (Prereq: ND)..........................................4 SH

GS 4404 The Meaning and Nature Of Science* (Prereq: RC 2001 or its equivalent) ....3 SH
PHY 3140 Environmental Physics (Prereq: PHY 1104 or PHY 1151).........................3 SH
PHY 3150 Atmospheric Physics (Prereq: ND, PHY 1150 and PHY 1151)...................3 SH

C. CI 4401 Methods of Elementary Science Teaching 3 SH ...............................................................................1 SH

(1 SH to be counted for SAC credit)

Note: ND Prerequisite: Passing math placement test or successful completion of MAT 0010.

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 should be contacted.