 NATURAL SCIENCE
 Interdisciplinary Major

 Director
 Anya Butt

 Statement of philosophy
 The natural science major offers the opportunity to develop knowledge and skills in several disciplines. The natural science major is well suited for students who desire a broad background in the natural sciences as a preparation for a variety of career options and graduate or professional school. This major is also particularly appropriate for prospective natural science teachers at the secondary level.

 Major Communication Skills
 Natural Science majors are required to successfully complete two of the following courses BIOL 229, CHEM 241, PHYS 331 or GEOG 237. The program director will confer with the instructor of those courses to seek input on the student’s oral and written communications skills and if necessary advise the student on additional courses to assist in developing better communication skills.

 Major/Minor Restrictions
 Students who major in natural science may not minor in the three areas (biology, chemistry or physics) used to fulfill the major requirements.

 Natural Science Major Requirements (54-58 credits)

 1. Complete the following courses:
 MATH 131 Calculus I (4)
 MATH 132 Calculus II (4)

 2. Complete all courses from any three of the four areas below.

 Biology (16 credits)
 BIOL 130 Diversity of Life (4)
 BIOL 131 Introduction to Cells (4)
 BIOL 221 Genetics (4)
 BIOL 229 Ecology (4)

 Chemistry (16 credits)
 CHEM 131 General Chemistry (4)
 CHEM 151 Inorganic Chemistry (4)
 CHEM 235 Organic Chemistry I (4)
 CHEM 241 Analytical Chemistry (4)

 Physics (15-18 credits)
 PHYS 111 General Physics I (5)
 PHYS 112 General Physics II (5)
 PHYS 331 Advanced Laboratories (2)
 Either PHYS 211 Analog Electronics (3) and
 PHYS 212 Digital Electronics (3)
 Or PHYS 221 Modern Physics I (3)

 Geosciences (minimum 15 credits)
 PHYS 106 Introduction to Astronomy (3)
 ENVS 125 Geology and the Environment (3)
 GEOG 237 Physical Geography: Weather and Climate (4)
 GEOG 238 Physical Geography: Geomorphology (4)
 At least one other approved NASC/ENVS/GEOG course

 Note: The following courses are not required but are strongly recommended:
 BIOL 320 Evolution (4)
 CHEM 361 Physical Chemistry I (4)
 or CHEM 320 Biochemistry (4)