Program Guide ~ Minor in Sustainability Science

Department of Geography, Planning, & Sustainability

Total Credits: 18 - 21 s.h.

1. Students must take the following required courses (10 s.h.)

   ○ GEOG 16.100 "Earth, People, and Environment" (3 s.h.)

   ○ ENST 94.102 "Human Nature: Intro to Env. and Sustainability Studies" (3 s.h.)

   ○ GEOG 16.260 "Fundamentals of GIS" (4 s.h.)

2. In consultation with the academic advisor, Mr. Harold Thompson (thompsonh@rowan.edu) a student will choose a course of study that matches the student's interests. The student will choose 2 classes from the list of courses in **one** of the following banks: Social Sciences Bank; Natural and Systems Science Bank; Environmental Methods and Modelling Bank. The student will then choose 1 additional course from the list of courses in **one** of the other banks.

   Social Science Bank

   ○ GEOG 16.301 "Natural Resources, Capitalism, and Society" (3 s.h.)

   ○ GEOG 16.308 "Sensing the Sustainable City" (3 s.h.)

   ○ GEOG 16.334 "Geography of Natural Disasters" (3 s.h.)

   ○ ENST 94.201 "Sustainability Assessment" (3 s.h.)

   ○ PLAN 31.280 "Foundations of Planning and Environmental Design" (3 s.h.)

   Natural and Systems Science Bank

   ○ GEOG 16.331 "Geography of the National Parks" (3 s.h.)

   ○ GEOG 16.332 "Geomorphology" (3 s.h.)

   ○ GEOG 16.391 "Climatology" (3 s.h.)

   ○ GEOG 16.338 "Principles of Earth Science" (3 s.h.)

○ GEOG 16.133 "Meteorology" (3 s.h.)

○ BIOL 01.203 "Introduction to Cell Biology" (4 s.h.)

○ BIOL 01.204 "Introduction to Ecology" (4 s.h.)

○ CHEM 06.101 "Chemistry II" (4 s.h.)

Environmental Methods and Modelling Bank

○ GEOG 16.350 "Quantitative and Qualitative Methods" (3 s.h.)

○ GEOG 16.360 "Applications of Geographic Information Systems" (3 s.h.)

○ GEOG 16.365 "Geospatial Measuring and Environmental Modeling" (3 s.h.)

○ GEOG 16.370 "Drones, Planes, and Satellites" (3 s.h.)

○ GEOG 16.375 "Remote Sensing of the Environment" (3 s.h.)

For additional information regarding this minor, or for assistance selecting courses, please contact Mr. Harold Thompson, the program advisor (thompsonh@rowan.edu).