Program Guide ~ Minor in Geographical Information Science (GIS)
Department of Geography, Planning, & Sustainability

Total Credits: 19 s.h.

1. Select one of the following introductory courses (3 s.h.)
   - GEOG 16100 “Earth, People, and Environment” (3 s.h.)
   - GEOG 16110 “Cultural Geography” (3 s.h.)
   - GEOG 16140 “World Regional Geography” (3 s.h.)

2. Students must take the following two courses (7 s.h.):
   - GEOG 16160 “Introduction to Mapping and GIS” (3 s.h.)
   - GEOG 16260 “Fundamentals of Geographic Information Systems (4 s.h.)

3. Select three additional courses (9 s.h.) from the Geospatial Techniques Bank (provided on next page) in consultation with the program advisor, Ms. Nadia Rahin (rahin@rowan.edu).
   - Course #1: _____________________________________________
   - Course #2: _____________________________________________
   - Course #3: _____________________________________________

For additional information regarding this minor, or for assistance selecting courses, please contact Ms. Nadia Rahin, the program advisor (rahin@rowan.edu).
Geospatial Techniques Bank

GEOG16160  Introduction to Mapping and GIS
GEOG16260  Fundamentals of Geographic Information Systems
GEOG16261  Cartography
GEOG16350  Quantitative Methods in Geography
GEOG16360  Applications of Geographic Information Systems
GEOG16361  Geovisualization
GEOG16365  Geospatial Measuring and Environmental Modeling
GEOG16370  Drones, Planes, and Satellites
GEOG16371  Remote Sensing II
GEOG16375  Remote Sensing of the Environment
GEOG16460  GEO INFO SYS
GEOG16462  Web Based GIS Mapping