COLLEGE of CHARLESTON
DEPARTMENT OF GEOLOGY AND ENVIRONMENTAL GEOSCIENCES

Program of Study Guidelines Oct. 2020
21 total credit hours for the minor

Geoinformatics minor

Core courses:

GEOL 103, GEOL 103L: **Environmental Geology and Lab** (4 cr.)

DATA 210: **Dataset Organization and Management** (3 cr.)

CSCI 220, CSCI 220L: **Computer Programming I and Lab** (4 cr.)

GEOL 402: **Geospatial Science** (4 cr.)

Students must also take at least 6 credits of elective courses. Possible pathways:

Marine Geology/Hydrography	Geographical Information/Remote Sensing	Geography/Planning
•GEOL 239 (Intro. to Seafloor Mapping) •GEOL 257 (Marine Geology) •GEOL 339 (Seafloor Research) •GEOL 449 (Geographical Information Systems) •GEOL 442 (Remote Sensing)	•GEOL 449 (Geographical Information Systems) •GEOL 442 (Remote Sensing) •GEOL 469 (Advanced GIS) •ARCH 303 (Paleolithic Archaeology) •BIOL 349 (Zoogeography)	•GEOG 101/POLI 104 (World Geography) •URST 313 (Sustainable Urbanism) •ECON 303 (Economics of Transportation and Geography) •REAL 376 (Real Estate Market Analysis) •URST 310 (Urban Planning) •URST 320 (Town and Country Planning)

Contact us for more information: callahant@cofc.edu

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Geoinformatics minor

Required Courses:

GEOL 103 Environmental Geology (3)
GEOL 103L Environmental Geology Laboratory (1)
OR GEOL 155 Honors Geology (3) AND HONS 155L Honors Geology I Laboratory (1)
DATA 210 Dataset Organization and Management (3)
CSCI 220 Computer Programming I (3)
CSCI 220L Computer Programming I Laboratory (1)
GEOL 402 Geospatial Sciences (4)

Complete 6 or more Credit Hours of:
(a maximum of 3 credit hours from CLAS 421 can count toward this minor):

GEOL 239 Introduction to Seafloor Mapping (2)
GEOL 257 Marine Geology (4)
GEOL 314 Introduction to Remote Sensing (4)
GEOL 339 Seafloor Research (3)
GEOL 442 Geological Application of Remote Sensing (4)
GEOL 449 Geographical Information Systems (4)
GEOL 469 Advanced GIS – Environmental and Hazards Geospatial Modeling (4)
BIOL 340 Zoogeography (3)
GEOG 101/POLI 104 World Regional Geography (3)
GEOG 219 Reading the Lowcountry Landscape (3)
HPCP 275: History of Land Design (3)
POLI 310: Applications of Geographic Information Systems (GIS) (3)
POLI 397: Environmental Geography (3)
ANTH 303: Paleolithic Archaeology (3)
CLAS 421: Field Methods in Classical Archaeology (3-6)
ECON 303: Economics of Transportation and Geography (3)
REAL 376: Real Estate Market Analysis (3)
URST 310: Urban Planning (3)
URST 313: Sustainable Urbanism (3)
URST 320: Town and Country Planning (3)

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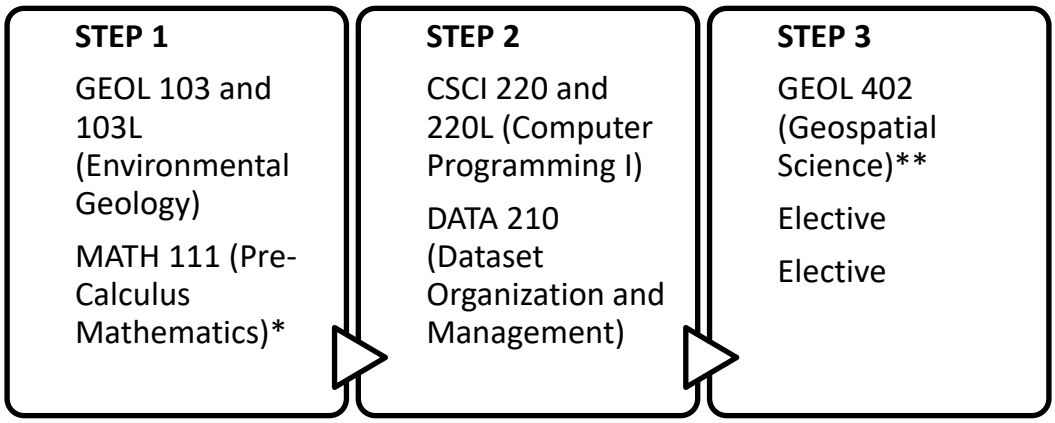

*or other CSCI 220 prerequisite

**students must have sophomore or higher status to enroll in this course

Contact the Geology & Environmental Geosciences department for questions