# PROGRAM GUIDE: CONCENTRATION IN ENVIRONMENTAL SCIENCE

## Minor Requirements

**TOTAL 23 S.H.**

### Core Requirements:

Take the following 5 courses

<table>
<thead>
<tr>
<th>Course #</th>
<th>Semester Taken</th>
<th>Course Name</th>
<th>20 S.H.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 01106</td>
<td></td>
<td>Biology II: Concepts in Genetics</td>
<td>4 s.h.</td>
</tr>
<tr>
<td>BIOL 01203</td>
<td></td>
<td>Biology III: Intro to Cell Biology</td>
<td>4 s.h.</td>
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<tr>
<td>BIOL 01204</td>
<td></td>
<td>Biology IV: Global Ecology</td>
<td>4 s.h.</td>
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<tr>
<td>CHEM 06101</td>
<td></td>
<td>Chemistry II</td>
<td>4 s.h.</td>
</tr>
<tr>
<td>GEOG 16330</td>
<td></td>
<td>Geology I</td>
<td>4 s.h.</td>
</tr>
</tbody>
</table>

### Program Electives

Choose one additional course in consultation with the Environmental Science Coordinator.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Semester Taken</th>
<th>Course Name</th>
<th>3 s.h.</th>
</tr>
</thead>
</table>

## Geographic Studies Bank

- GEOG 16100: Earth, People & Environment
- GEOG 16110: Cultural Geography
- GEOG 16140: World Regional Geography
- GEOG 16355: Foundations in Geographic Knowledge
- GEOG 16290: History and Methods of Modern Geography
- GEOG 16240: Geography of the US and Canada
- GEOG 16312: Cultural Landscapes
- GEOG 16301: Economic Geography
- GEOG 16302: Urban Geography
- GEOG 16303: Political Geography
- GEOG 16304: Population Geography
- GEOG 16250: Selected Topics in Geography & Environment
- GEOG 16490: Senior Research Seminar in Geography
- GEOG 16390: Geography Research Clinic/Studio

## Geosciences Bank

- GEOG 16100: Earth, People & Environment
- GEOG 16130: Earth Sciences Lab I (Investigations in Ph. Geography) 4 s.h.
- GEOG 16338: Climatology
- GEOG 16370: Remote Sensing /Air Photo Interpretation
- GEOG 16335: Field Studies in Geography
- GEOG 16332: Geomorphology
- GEOG 06326: The Geoscience of Natural Disasters
- GEOG 16331: Geology of the National Parks
- ASTR 13101: Meteorology
- ASTR 17110: Principles of Earth Science

## Geospatial Techniques (GIS) Bank

- GEOG 16370: Remote Sensing /Air Photo Interpretation
- GEOG 16365: Geospatial Modeling
- GEOG 16361: Geovisualization
- GEOG 16261: Cartography
- GEOG 16375: Remote Sensing of the Environment
- GEOG 16350: Quantitative Methods in Geography
- GEOG 16160: Intro to Mapping and GIS
- GEOG 16260: Geographic Information Systems I
- GEOG 16360: Geographic Information Systems II
- GEOG 16462: Web Mapping and GIS Services

## Planning Bank

- PLAN 31280: Introduction to Planning & Environmental Design
- GEOG 16160: Intro to Mapping and GIS
- GEOG 16302: Urban Geography
- GEOG 16370: Remote Sensing/Air Photo Interpretation
- GEOG 16307: Transportation Geography
- GEOG 16304: Population Geography
- PLAN 31386: Land Use and Conservation
- GEOG 16335: Field Studies in Geography
- PLAN 31486: Community Planning and Site Design
- GEOG 16361: Geovisualization
- PLAN 31385: New Jersey Applied Planning Practice
- PLAN 31389: Environmental/Sustainable Planning
- PLAN 31383: Metropolitan/Regional Planning
- PLAN 31384: Water Resources Planning

## Regional Geography Bank

- GEOG 16140: World Regional Geography
- GEOG 16240: Geography of the US and Canada
- GEOG 16241: Geography of New Jersey
- GEOG 16342: Geography of Europe
- GEOG 16343: Geography of Asia
- GEOG 16344: Geography of Latin America
- GEOG 16345: Geography of Africa
- GEOG 16346: Geography of the C.I.S. (former Soviet Union)
- GEOG 16347: Geography of the Middle East

## Environmental Studies Bank

- ENST 94101: Env Studies - Physical Perspectives
- ENST 94102: Env Studies - Social Perspectives
- ENST 94301: Environmental Ethics
- ENST 94121: Field Methods & Research Design
- ENST 94400: Environmental Impact Assessment
- ENST 94401: Senior Seminar in Env Studies I
- ENST 94402: Senior Seminar in Env Studies II