GEOGRAPHY MAJOR, ENVIRONMENTAL STUDIES CONCENTRATION (B.A.)

A minimum of 120 credits of coursework is required for the baccalaureate degree with a minimum 2.0 overall GPA, and a minimum 2.0 major GPA. However, more than 120 credits may be required depending upon the major field of study.

Program Requirements

Students must complete 42 credits of General Education requirements (http://catalog.montclair.edu/undergraduate-graduate-degree-requirements/general-ed-ba-bs) and 3-9 credits of World Languages and Cultures Requirements (http://catalog.montclair.edu/undergraduate-graduate-degree-requirements/world-languages-cultures-requirement).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EAES 101</td>
<td>Planet Earth</td>
<td>4</td>
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<tr>
<td>EAES 170</td>
<td>World Geography</td>
<td>3</td>
</tr>
<tr>
<td>EAES 210</td>
<td>Introduction to GIS and Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>EAES 281</td>
<td>Introduction to American Urban Studies</td>
<td>3</td>
</tr>
<tr>
<td>EAES 390</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>EAES 497</td>
<td>Senior Seminar Geography</td>
<td>3</td>
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<tr>
<td>MATH 109</td>
<td>Statistics</td>
<td>3</td>
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Concentration Requirements

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>EAES 160</td>
<td>The Human Environment</td>
<td>3</td>
</tr>
<tr>
<td>EAES 230</td>
<td>Hydrology</td>
<td>3</td>
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<td>EAES 460</td>
<td>Environmental Law</td>
<td>3</td>
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<tr>
<td>EAES 370</td>
<td>World Resources and Industries</td>
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</tr>
<tr>
<td>or ECON 300</td>
<td>World Resources and Industries</td>
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</tr>
<tr>
<td>EAES 341</td>
<td>Principles of Soil Science</td>
<td>3</td>
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<tr>
<td>or EAES 385</td>
<td>Urbanization and Environment</td>
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<tr>
<td>EAES 310</td>
<td>Geographic Information Systems (GIS)</td>
<td>3</td>
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<tr>
<td>or EAES 311</td>
<td>Fundamentals of Remote Sensing of Environment</td>
<td>3</td>
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Select one of the following Natural Science sequences: 8

- BIOL 113 & BIOL 213: Principles of Biology II and Introduction to Ecology
- CHEM 120 & CHEM 121: General Chemistry I and General Chemistry II

Select one of the following Social Science Policy sequences: 6

- LAWS 200 & LAWS 302: Introduction to Law and Legal Research
- ECON 101 & ECON 102: Applied Macroeconomics and Applied Microeconomics

Major Electives

Select a minimum of 6 credits from the list: 6

- EAES 161: Human Geography
- EAES 200: Geomorphology
- EAES 201: Understanding Weather and Climate
- EAES 211: Aerial Photograph Interpretation
- EAES 250: Introduction to Marine Sciences
- EAES 271: Geography of East and Southeast Asia
- EAES 272: Land and Life in Latin America
- EAES 280: Principles of Land Use
- EAES 282: Urban Design and Architecture: American Cityscape
- EAES 283: Urban Geography
- EAES 300: Energy Transitions: A Global Dependence
- EAES 301: Climatology
- EAES 303: Field Geography
- EAES 310: Geographic Information Systems (GIS)
- EAES 311: Fundamentals of Remote Sensing of Environment
- EAES 322: Environmental Geochemistry
- EAES 330: Fluvial Geography
- EAES 331: Geohydrology
- EAES 332: Hydroclimatology
- EAES 341: Principles of Soil Science
- EAES 361: Environmental Policy
- EAES 363: Geopolitics
- EAES 373: Historical Geography of the United States
- or HIST 312: Historical Geography of the United States
- EAES 372: Geography of South Asia
- EAES 376: Geography of New Jersey
- EAES 377: Geography of Sub-Sahara Africa
- EAES 378: Geography of the Middle East
- EAES 380: Transportation
- EAES 381: Urban Field Studies
- EAES 385: Urbanization and Environment
- EAES 386: People and Cities: Comparative Urban Studies
- EAES 391: Quantitative Methods in Geography and Urban Studies
- EAES 401: Geo-Ecology
- EAES 403: Meteorology
- EAES 410: Advanced Topics in GIScience
- EAES 454: Human Impact on the Coastal Zone
- EAES 475: Environmental Economics
- EAES 484: Urban Planning
- EAES 490: Independent Study in Geography
- EAES 491: Internship
- EAES 496: Pro-Seminar in Earth and Environmental Studies

Total Credits 60