# SUSTAINABILITY SCIENCE - SUSTAINABILITY LEADERSHIP CONCENTRATION (M.S.)

For details about this program, including program description, admission requirements, and contact information, click here (https://www.montclair.edu/graduate/programs-of-study/sustainability-science-sustainability-leadership-concentration-ms/). For information about the online version of this program, click here (https://www.montclair.edu/graduate/programs-of-study/sustainability-science-sustainability-leadership-concentration-ms-online/).

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAES 509</td>
<td>Current Issues in Sustainability Science</td>
<td>3</td>
</tr>
<tr>
<td>EAES 575</td>
<td>Environmental Economics</td>
<td>3</td>
</tr>
<tr>
<td>EAES 591</td>
<td>Methods in Environmental Research</td>
<td>3</td>
</tr>
<tr>
<td>Complete twice to earn 2 credits</td>
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<td>2</td>
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<tr>
<td>EAES 790</td>
<td>Colloquium in Environmental Management</td>
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<tr>
<td><strong>Major Electives</strong></td>
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<tr>
<td>Select 6 credits from the following:</td>
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<tr>
<td>BIOL 570</td>
<td>Ecology</td>
<td></td>
</tr>
<tr>
<td>BIOL 595</td>
<td>Conservation Biology: The Preservation of Biological Diversity</td>
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</tr>
<tr>
<td>CHEM 510</td>
<td>Hazardous Materials Management</td>
<td></td>
</tr>
<tr>
<td>EAES 510</td>
<td>Geographic Information Systems</td>
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</tr>
<tr>
<td>EAES 525</td>
<td>X-ray Microanalysis</td>
<td></td>
</tr>
<tr>
<td>EAES 526</td>
<td>Geochemistry</td>
<td></td>
</tr>
<tr>
<td>EAES 527</td>
<td>Organic Geochemistry</td>
<td></td>
</tr>
<tr>
<td>EAES 528</td>
<td>Environmental Forensics</td>
<td></td>
</tr>
<tr>
<td>EAES 531</td>
<td>Hydroclimatology</td>
<td></td>
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<tr>
<td>EAES 532</td>
<td>Applied Groundwater Modeling</td>
<td></td>
</tr>
<tr>
<td>EAES 592</td>
<td>Pro Seminar</td>
<td></td>
</tr>
<tr>
<td>EAES 610</td>
<td>Spatial Analysis</td>
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<tr>
<td>EAES 662</td>
<td>Energy and the Environment</td>
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<tr>
<td>EAES 700</td>
<td>Earth Systems Science</td>
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<tr>
<td>STAT 532</td>
<td>Fundamentals of Statistics</td>
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<tr>
<td><strong>Professional Skills Courses</strong></td>
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<tr>
<td>EAES 565</td>
<td>Environmental Change and Communication</td>
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<tr>
<td>EAES 760</td>
<td>Organizational Environmental Management</td>
<td>3</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>ANTH 529</td>
<td>Building Sustainable Communities</td>
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<tr>
<td>EAES 528</td>
<td>Environmental Forensics</td>
<td></td>
</tr>
<tr>
<td>EAES 533</td>
<td>Water Resource Management</td>
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<tr>
<td>EAES 560</td>
<td>Environmental Law</td>
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<tr>
<td>EAES 561</td>
<td>Environmental Law and Policy</td>
<td></td>
</tr>
<tr>
<td>EAES 562</td>
<td>Waste Management</td>
<td></td>
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<tr>
<td>EAES 569</td>
<td>Air Resource Management</td>
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<tr>
<td>EAES 584</td>
<td>Urban Studies and Policy Analysis</td>
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</tr>
<tr>
<td>EAES 586</td>
<td>Urban Contamination</td>
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| EAES 660 | Seminar in Environmental Management                        |         |
| LAWS 590 | Environmental Law and Policy                               |         |

**Capstone Internship Requirement**

| EAES 696 | Applied Research or Internship Project in Sustainability Science | 6       |

**Total Credits**

32-33