<table>
<thead>
<tr>
<th>Requirements</th>
<th>Notes</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BEC Core</strong></td>
<td>Field of Study Specialization</td>
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<td></td>
<td>At least 3 courses from BEC List</td>
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<tr>
<td><strong>SEAS Core</strong></td>
<td>EAS 509 (Natural Systems Core)</td>
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<td>EAS 510 (Social Systems Core)</td>
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<td><strong>IAMS Requirement</strong></td>
<td>Two courses; 3CR minimum</td>
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<td>Please see other side of form for approved courses.</td>
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<tr>
<td><strong>Electives</strong></td>
<td>Electives</td>
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<td>Must be a graduate level course at 400-level or above</td>
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<td><strong>Analytics</strong></td>
<td>Analytics</td>
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<td></td>
<td>One statistics course and one additional analytics course. Check</td>
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<td></td>
<td>statistics and analytics lists for acceptable courses</td>
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<tr>
<td><strong>Opus</strong></td>
<td>Option 1: At most, 6 credit hours of EAS 700/ EAS 701</td>
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<tr>
<td><strong>Opus or Non-Opus</strong></td>
<td><strong>Non-Opus</strong></td>
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<td>Option 2: 6 credit hours of advanced course work including at least one BEC seminar (600 level or above), or per approval of the chair, one seminar in another academic unit, and one skills module (when offered), and or any remaining credit hours taken as courses from BEC course list</td>
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<tr>
<td><strong>TOTAL “EAS” CREDIT HOURS</strong></td>
<td>Minimum 25 of 42 credit hours</td>
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<tr>
<td><strong>TOTAL CREDIT HOURS</strong></td>
<td>Minimum 42 credit hours</td>
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</table>

*Any waiver or substitution of degree requirement must be approved by the appropriate faculty and submitted to OAP.
BEC Course List

EAS 567  Social Vulnerability and Adaptation to Environmental Change (F offered every other year)
EAS 569  Stakeholder Network Analysis (W)
EAS 559  Interview Methods (W)
EAS 530  Decision-Making for Sustainability (F)
EAS 560/URP 544/SW 710  Behavior & Environment (F)
EAS 561  Psychology of Environmental Stewardship (W)
EAS 564  Localization: Transitional Thinking for the New Normal (F)
EAS 568  Reconnect and Revitalize: Transitional Thinking for the New Normal (W)
EAS 581/EDUC 581  Advanced Education for Environment and Sustainability (W in alternate years)
EAS 533  Negotiation Skills in Environmental Dispute Resolution (F)
EAS 566  Public Opinion and the Environment (F)
PubPol 750  Climate Change Psychology

BEC Analytics List

Acceptable are courses in professional units having a significant behavioral focus (i.e., Institute for Social Research, Environment and Sustainability, Public Health, Social Work, and Urban Planning) that contain in their title or as a substantive part of their description the concepts of research methods, qualitative analysis, or advanced statistics (the latter having a statistics course prerequisite).

Integrated Analytic Methods and Skills Requirement

Students are required, at some point during their time enrolled in the program, to take 2 courses composing at least 3 credits from a faculty-approved list of courses that focus on integrative analytic methods and skills. The faculty-approved existing courses that satisfy this requirement are listed below:

**Fall**

447 – Forest Ecology Management
530 - Decision-Making for Sustainability
533 – Negotiation Skills
535 – Mediation Skills
552 – Ecosystem Services
553 – Diverse Farming Systems
567 – Social Vulnerability & Adaptation to Environ Change
572 – Environmental Impact Assessment
570 – Environmental Economics
578 – Urban Stormwater
597 – Environmental Systems Analysis
564 – Localization Seminar
677 – Climate Adaptation Seminar
687 – Landscape Planning

**Winter**

501 – Science and Management of the Great Lakes
545 - Applied Ecosystem Modeling (Winter B)
549 – Analysis and Modeling of Ecological Data
550 – Systems Thinking for Sustainable Development
557 – Industrial Ecology
569 – Stakeholder Network Analysis
581 – Advanced Education for Environment and Sustainability
589 – Ecological Restoration
610 – Advanced LCA Methods and Software Tools
641 – Interdisciplinary Research Methods
787 – Metro Studio (MLA only)