### Behavior, Education and Communication

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Notes</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
<tr>
<td><strong>BEC Core</strong></td>
<td>Field of Study Specialization</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</td>
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<td>approved courses.</td>
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<td><strong>Electives</strong></td>
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<td><strong>Analytics</strong></td>
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<td><strong>Opus or Non-Opus</strong></td>
<td>Option 1: At most, 6 credit hours of</td>
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<td>EAS 700/ EAS 701</td>
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<td>Option 2: 6 credit hours of advanced</td>
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<td>course work including at least one BEC</td>
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<td>seminar (600 level or above), or per</td>
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<td>approval of the chair, one seminar in</td>
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<td>another academic unit, and one skills</td>
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<td>module (when offered), and or any</td>
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<td>remaining credit hours taken as courses</td>
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<td>from BEC course list</td>
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**TOTAL “EAS” CREDIT HOURS**  Minimum 25 of 42 credit hours

**TOTAL CREDIT HOURS**  Minimum 42 credit hours

*Any waiver or substitution of degree requirement must be approved by the appropriate faculty and submitted to OAP.*
## Current Courses

### 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
- 501 – Ecological Restoration Applications
- 523 – Ecological Risk Assessment
- 530 - Decision-Making for Sustainability
- 531 – Principles of GIS
- 533 – Negotiation Skills
- 536 – Mediation Skills
- 552 – Ecosystem Services
- 553 – Diverse Farming Systems
- 564 – Localization Seminar
- 567 – Social Vulnerability & Adaptation to Environ Change
- 572 – Environmental Impact Assessment
- 570 – Environmental Economics
- 576 – Sustainability Finance
- 578 – Urban Stormwater
- 597 – Environmental Systems Analysis
- 677 – Climate Adaptation Seminar
- 687 – Landscape Planning

#### Winter

- 501 – Science and Management of the Great Lakes
- 541 – Remote Sensing
- 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)