

Requirements		Notes	Course	Credits	Term
BEC Core	Field of Study Specialization	At least 3 courses from BEC List			
SEAS Core	EAS 509 (Natural Systems Core) EAS 510 (Social Systems Core) or a course from <a href="#">the Social Systems distribution list</a> .				
	IAMS Requirement* Two courses; 3CR minimum Please see other side of form for approved courses.				
Electives	Electives	Must be a graduate level course at 400-level or above			
Analytics	Analytics	One statistics course and one additional analytics course. Check statistics and analytics lists for acceptable courses			
Capstone or Non-Capstone	Capstone	Option 1: At most 6 credit hours of EAS 701 (Master's Project) or EAS 702 (Master's Practicum) or At most 12 credits of EAS 700 (Master's Thesis)			
	Non-Capstone	6 credit hours of BEC coursework			
	<b>TOTAL "EAS" CREDIT HOURS</b>	<b>Minimum 25 of 42 credit hours</b>			
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\*IAMS courses can double-count with Core requirements but we do not double-count the actual credits.

\*\*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)
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 courses listed below satisfy this requirement:

#### Fall

447 – Forest Ecology Management  
501 – Ecological Restoration Applications  
501 – Multivariate Stats for Environmental Science (in 2020)  
523 – Ecological Risk Assessment  
530 - Decision-Making for Sustainability  
531 – Principles of GIS  
533 – Negotiation Skills  
535 – Mediation Skills  
552 – Ecosystem Services  
553 – Diverse Farming Systems  
564 – Localization Seminar  
567 – Social Vulnerability & Adaptation to Environ Change  
570 – Environmental Economics  
572 – Environmental Impact Assessment  
576 – Sustainability Finance  
578 – Urban Stormwater (every other year)  
597 – Environmental Systems Analysis  
677 – Climate Adaptation Seminar  
687 – Landscape Planning

#### Winter

501 – Science and Management of the Great Lakes  
501 – The Hydrologic Cycle and Water Res Mgmt  
531 – Principles of GIS  
532 – Natural Resource Conflict Management  
541 – Remote Sensing  
545 - Applied Ecosystem Modeling

549 – Analysis and Modeling of Ecological Data  
550 – Systems Thinking for Sustainable Development  
557 – Industrial Ecology  
569 – Stakeholder Network Analysis  
575 – Climate Economics and Policy  
581 – Advanced Education for Environment and Sustainability (every other year)  
610 – Advanced LCA Methods and Software Tools  
641 – Social Research Methods in Environment and Sustainability  
787 – Metro Studio (MLA only)