

Requirements		Notes	Course	Credits	Term
EPP Core	Policy students must take A	A – EAS 562			
	Planning students must take A and B	B – Environmental Planning (URP 540 or EAS 687)			
SEAS Core	EAS 509 (Natural Systems Core)				
	EAS 510 (Social Systems Core) or a 3 CR course from the Social Systems distribution list .				
	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	EPP students must take one statistics course and either:			
		Policy – EAS 570 <i>and</i> an additional economics course from list on reverse side			
		Planning – EAS 531			
Capstone or non-Capstone	Capstone	Option 1: 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	Option 2: See advisor for non-opus guidance			
TOTALS	TOTAL "EAS" CREDIT HOURS	Minimum 25 of 42 credit hours			
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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.

Course List

<u>EPP Core</u>	<u>3-7 credits</u>
EAS 562 Environmental Policy, Politics and Organizations (F)	3 credits
URP 540, EAS 687, or approved equivalent Environmental Planning (F)	3-4 credits

Additional Policy and Planning Courses (others approved by advisor)

EAS 475/ENVIRON 475/EHS 588	Environmental Law (W)
EAS 592	Environmental Planning (F)
EAS 565	Principles for Transition: Food, Fuel & Finance (F)
EAS 533	Negotiation Skills in Environ Dispute Resolutions (F)
EAS 566	Public Opinion and the Environment (W)
EAS 527/BE 527	Energy Markets and Energy Politics (F)
EAS 558	Water Policy and Politics (W)
EAS 687	Landscape Planning and Analysis (W)
EAS 577	Political Ecology I: Environmental Violence (F)

EPP Analytics/Economics

Statistics	EAS 538	Natural Resources Statistics* (W) 4 credits *or equivalent
Planning:	EAS 531	Principles of GIS (F&W)
Policy:	EAS 570	Environ Econ: Quantitative Methods & Tools(F)
	EAS 575	Climate Economics and Policy
	EAS 527	Energy Markets & Energy Politics

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
 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
610 – Advanced LCA Methods and Software Tools
641 – Social Research Methods in Environment and Sustainability
787 – Metro Studio (MLA only))