

Sustainable Ecosystems

Some courses below may serve as Directed Electives or Guided CAS/COF Electives, but the total for both categories must be at least 29 credits and 11 credits must satisfy CAS/COF guided elective requirements.)

<u>Course Number</u>	<u># Credits</u>	<u>Title</u>	<u>Term Completed & Grade</u>
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Mentor: Initial Selections

(for advisor's use)

Ecology and Ecological Methods: Choose 6-8 credits. One course from A and B :

A:

_____	BI 370	3	General Ecology	_____
_____	or BOT 341	4	Plant Ecology	_____
_____	or FOR 341	4	Forest Ecology	_____
_____	or RNG 421	4	Rangeland Improvements & Restoration Ecology	_____
_____	or RNG 450	3	Landscape Ecology and Analysis	_____

B:

_____	BI 371	3	Ecological Methods	_____
_____	or RNG 441	4	Rangeland Analysis	_____

Ethics/Values: Choose 3-4 credits from:

_____	PHL 440	4	Environmental Ethics	_____
_____	PHL 443	3	World-Views and Environmental Values	_____
_____	PHL 447	3	Ethical Issues in Science	_____

Social/Political: Choose 3-4 credits from:

_____	ANTH 481	3	Natural Resources & Community Values	_____
_____	ANTH 482	3	World Food and Development	_____
_____	ANS 315	3	Animal Production Issues of Concern to Society	_____
_____	AREC 351	3	Natural Resource and Environmental Policy	_____
_____	AREC/EC 352	3	Environmental Economics and Policy	_____
_____	AREC 353	3	Public Land Policy	_____
_____	FW 240	3	Multicultural Perspectives in Natural Resources	_____
_____	FW 325	3	Global Crisis in Resource Ecology	_____
_____	HST 481	4	Environmental History of the U.S.	_____
_____	PS 475	4	Politics of Environmental Problems	_____
_____	FOR 391	3	Natural Resource Communication	_____
_____	FOR 460	4	Forest Policy	_____
_____	SOC 480	3	Environmental Sociology	_____
_____	SOC 481	3	Society and Natural Resources	_____

Integrative/Management/Conservation: Choose 3-4 credits from:

_____	ANS/HORT/PS/SOC 485	3	Consensus and Natural Resource Issues	_____
_____	AREC 350X	3	Advanced Farm Management	_____
_____	AREC 351	4	Natural Resource Management	_____
_____	BA 463	4	Family Business Management	_____
_____	BOT 488	3	Environmental Physiology of Plants	_____
_____	BI/BOT 489	3	Analysis of Environmental Issues	_____
_____	COMM 322	3	Small Group Problem Solving	_____
_____	CSS 335	3	Water Resource Science	_____
_____	CSS 395	3	World Soil Resources	_____
_____	CSS 425	3	Sustaining Soil Productivity	_____
_____	CSS/HORT 475	2	Agricultural Mgmt of Ore. Soil Resources	_____
_____	CSS 480	4	Case Studies in Cropping Systems Mgmt	_____
_____	CSS 485	4	Environmental Applications of Soil Science	_____
_____	FOR 365	3	Issues in Natural Resource Conservation	_____
_____	FOR 451	4	History and Cultural Aspects of Recreation	_____
_____	FOR 457	4	Techniques for Forest Resource Analysis	_____

_____	FOR 459	4	Forest Resource Planning & Decision Making	_____
_____	FE 430	4	Watershed Processes	_____
_____	FE 535	3	Water Quality and Forest Land Use	_____
_____	FW 251	3	Principles of Wildlife Conservation	_____
_____	FW 321	3	Fisheries and Wildlife Resource Ecology	_____
_____	FS 450	4	Integrated Forest Protection	_____
_____	FS/FW 453	4	Managed Forest and Wildlife Interactions	_____
_____	FS 521	2	Natural Resource Research Planning	_____
_____	GEO 300	3	Environmental Conservation	_____
_____	GEO 421	3	Humans and Their Wildlife Environment	_____
_____	GEO 422	3	Ecological Knowledge & Environmental Problems	_____
_____	HORT/RNG 477	4	Agroecology	_____
_____	RNG 468	3	International Rangeland Resource Mgmt	_____
_____	Z 348	3	Human Ecology	_____

Other integrative, conservation, and management courses may be considered depending on their significance to the research project and/or career objectives of the student.

Specialization (9-14 credits to be determined based on research program focus).

_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____

Mentor's Signature

Date