

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. See adviser for explanation.

<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 one course from A and one from B

A:

_____	BI 370	3	General Ecology	_____
_____	or BOT 341	4	Plant Ecology	_____
_____	or FOR 341	4	Forest Ecology	_____
_____	or RNG 421	4	Wildland Restoration and Ecology	_____

B:

_____	BI 371	3	^Ecological Methods	_____
_____	or RNG 441	4	Rangeland Analysis	_____
_____	or RNG 450	3	Landscape Ecology and Analysis	_____

Ethics/Values: Choose one course:

_____	PHL 440	4	Environmental Ethics	_____
_____	PHL 443	3	*World Views and Environmental Values	_____

Social/Political: Choose one course:

_____	ANTH 481	3	*Natural Resources and Community Values	_____
_____	ANTH 482	4	*Anthropology of International Development	_____
_____	ANS 315	3	*Contentious Social Issues in Animal Agriculture	_____
_____	AREC/EC 352	3	*Environmental Economics and Policy	_____
_____	FW 340	3	*Multicultural Perspectives in Natural Resources	_____
_____	FW 325	3	*Global Crises in Resource Ecology	_____
_____	HST 481	4	*Environmental History of the U.S.	_____
_____	PS 475	4	Environmental Politics and Policy	_____
_____	FOR 391	3	Natural Resource Communications	_____
_____	FOR 460	4	^Forest Policy	_____
_____	SOC 480	4	*Environmental Sociology	_____
_____	SOC 481	4	*Society and Natural Resources	_____

or another course approved by research mentor that fulfills the Social/Political intent of this option,

Integrative/Management/Conservation: Choose one course:

_____	ANS/HORT/PS/SOC 485	3	*Consensus and Natural Resource Issues	_____
_____	AREC 351	3	*Natural Resource and Environmental Policy	_____
_____	BA 463	4	Family Business Management	_____
_____	BOT 488	3	Environmental Physiology of Plants	_____
_____	COMM 322	3	Small Group Problem Solving	_____
_____	CSS 335	3	*Intro to Water Science and Policy	_____
_____	CSS 395	3	*World Soil Resources	_____
_____	CSS 480	4	Case Studies in Cropping Systems Mgmt	_____
_____	FOR 365	3	*Issues in Natural Resources 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 415	5	Forest Insect and Disease Management	_____
_____	FS/FW 453	3	Forest Management and Wildlife conservation	_____

_____	FS 521	2	Natural Resource Research Planning	_____
_____	GEO 300	3	*Sustainability for the Common Good	_____
_____	GEO 421	3	Humans and Their Wildlife Environment	_____
_____	GEO 424	3	International Water Resources Management	_____
_____	GEO 425	3	Water Resource Management in the United States	_____
_____	RNG 477	3	*Agroforestry	_____
_____	RNG 468	3	International Rangeland Resource Mgmt	_____
_____	Z 348	3	*Human Ecology	_____

or another course approved by research mentor that fulfills the Integrative/Management/Conservation intent of this option.

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

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

Total = 29.

Mentor's Signature

Date