

SUSTAINABLE NATURAL RESOURCES GRADUATE CERTIFICATE

Available only via Ecampus.

The Sustainable Natural Resources graduate certificate is an 18-credit interdisciplinary program offered online through Ecampus. Students take 5 required courses and two elective courses, all designed to build personal and organizational capacity to examine the many aspects of natural resource problems—environmental, economic, and social—in the search for innovative solutions. *The courses are organized into three main sections: integration, human dimensions, and ecology and management of sustainable natural resources.* All courses in the certificate program are integrated through a student-designed capstone project that addresses a specific sustainability problem in the student's own organization or region. Throughout the program, students will work with faculty members and other students, and under the guidance of an assigned mentor to design and complete the project.

Traditional university training provides rigor in individual disciplines. However, natural resource problems require synthesis of multiple perspectives and fields of knowledge. In addition, natural resource problems can be international in scope. Globalization clearly reveals how decisions and practices in any part of the world affect natural resources elsewhere and highlights a need for natural resource professionals who can apply multidisciplinary systems-thinking to address these complex issues. The SNR graduate certificate program is designed to meet that need.

By offering this program as an online series of courses, it is possible for people from around the world to participate and to receive their graduate certificate without having to take a leave of absence from their work. The opportunity to collaborate with natural resource managers or graduate students from other regions or countries offers all participants a broader perspective on management issues and potential solutions.

For additional information and advising, contact:

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More information, including international admissions requirements, may also be found on the Ecampus website (<http://ecampus.oregonstate.edu/online-degrees/graduate/sustainable-natural-resources/>).

Certificate Code: CG01

Code	Title	Credits
Required Core		
SNR 506	INDEPENDENT PROJECT IN NATURAL RESOURCE SUSTAINABILITY	2
SNR 511	SUSTAINABLE NATURAL RESOURCE DEVELOPMENT	1
SNR 520	SOCIAL ASPECTS OF SUSTAINABLE NATURAL RESOURCES	3

SNR 521	ECONOMICS OF SUSTAINABLE NATURAL RESOURCE MANAGEMENT	3
SNR 530	ECOLOGICAL PRINCIPLES OF SUSTAINABLE NATURAL RESOURCES	3
Electives		
Select a minimum of 6 credits from the following:		6
FES 545	ECOLOGICAL RESTORATION	
FES 548	INVASIVE PLANTS: BIOLOGY, ECOLOGY AND MANAGEMENT	
FES 552	FOREST WILDLIFE HABITAT MANAGEMENT	
FES 585	CONSENSUS AND NATURAL RESOURCES	
FES 586	PUBLIC LANDS POLICY AND MANAGEMENT	
FW 537	STRUCTURED DECISION MAKING IN NATURAL RESOURCE MANAGEMENT	
PPOL 547	INTEGRATED POLICY: FOOD, ENERGY, WATER, CLIMATE	
SNR 522	BASIC BELIEFS AND ETHICS IN NATURAL RESOURCES	
SNR 531	SUSTAINABLE SILVICULTURE AND FOREST CERTIFICATION	
SNR 532	PLANNING AGROFORESTRY PROJECTS	
SNR 533	NONTIMBER FOREST PRODUCTS: AN INTERDISCIPLINARY INTRODUCTION	
SNR 534	REDUCED IMPACT TIMBER HARVEST	
SNR 535	SUSTAINABLE MANAGEMENT OF AQUATIC AND RIPARIAN RESOURCES	
SNR 540	GLOBAL ENVIRONMENTAL CHANGE	
SOIL 511	SOIL: A NATURAL AND SOCIETAL RESOURCE	
SOC 580	ENVIRONMENTAL SOCIOLOGY	
Total Credits		18

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