

# SUSTAINABILITY MINOR

Available on the Corvallis and OSU-Cascades campuses, and via Ecampus.

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The Sustainability minor includes core sustainability courses (5) and tailored elective courses to expand students' knowledge and experience of their primary major in the context of sustainability principles and frameworks. Courses from a student's major course of study will not count towards minor requirements. Completion of the Sustainability minor requires 27 credits beyond the 180-credit minimum for graduation.

Code	Title	Hours
<b>Sustainability Core</b>		
SUS 304	*SUSTAINABILITY ASSESSMENT	4
SUS 350	*SUSTAINABLE COMMUNITIES	4
<b>Social Dimensions of Sustainability</b>		
Select 3-4 credits of the following:		3-4
FES 485	*CONSENSUS AND NATURAL RESOURCES	
SOC 381	SOCIAL DIMENSIONS OF SUSTAINABILITY	
SOC 480	*ENVIRONMENTAL SOCIOLOGY	
SOC 481	*SOCIETY AND NATURAL RESOURCES	
SUS 420	SOCIAL DIMENSIONS OF SUSTAINABILITY	
<b>Ecological Dimensions of Sustainability</b>		
Select one of the following:		3-4
BI 306	*ENVIRONMENTAL ECOLOGY	
SUS 102	*INTRODUCTION TO ENVIRONMENTAL SCIENCE AND SUSTAINABILITY	
<b>Economic Dimensions of Sustainability</b>		
Select 3-4 credits of the following:		3-4
AEC 250	*INTRODUCTION TO ENVIRONMENTAL ECONOMICS AND POLICY	
AEC 352/ ECON 352	*ENVIRONMENTAL ECONOMICS AND POLICY	
AEC 434	^MEASURING RESOURCE AND ENVIRONMENTAL IMPACTS	
<b>Sustainability Individualized Study/Elective Credits</b>		
Select 7-10 credits <sup>1</sup>		7-10
<b>Total Hours</b>		<b>24-30</b>

<sup>1</sup> Students will work with their primary academic advisor and the Sustainability academic advisor to select electives in the theme relevant to their interests for a total of 7–10 credits. Students should discuss with Sustainability advisor to apply elective courses that may not be listed.

\* Baccalaureate Core Course (BCC)

^ Writing Intensive Course (WIC)

## Elective Courses

Code	Title	Hours
<b>Business</b>		
AEC 250	*INTRODUCTION TO ENVIRONMENTAL ECONOMICS AND POLICY	3
AEC 253	*ENVIRONMENTAL LAW, POLICY, AND ECONOMICS	4
AEC 351	*NATURAL RESOURCE ECONOMICS AND POLICY	3
AEC 352/ECON 352	*ENVIRONMENTAL ECONOMICS AND POLICY	3
AEC 434	^MEASURING RESOURCE AND ENVIRONMENTAL IMPACTS	4
BA 302	BUSINESS PROCESS MANAGEMENT	4
BA 351	MANAGING ORGANIZATIONS	4
BA 352	MANAGING INDIVIDUAL AND TEAM PERFORMANCE	4
BA 362	SOCIAL ENTREPRENEURSHIP AND SOCIAL INITIATIVES	4
BA 432	*ENVIRONMENTAL LAW, SUSTAINABILITY AND BUSINESS	3
BA 466	INTEGRATIVE STRATEGIC EXPERIENCE	4
ECON 202	*INTRODUCTION TO MACROECONOMICS	4
ECON 315	INTERMEDIATE MACROECONOMIC THEORY	4
<b>Engineering</b>		
BEE 221	FUNDAMENTALS OF ECOLOGICAL ENGINEERING	3
BEE 320	BIOSYSTEMS ANALYSIS AND MODELING	4
BEE 322	ECOLOGICAL ENGINEERING THERMODYNAMICS AND TRANSFER PROCESS	4
CCE 422	GREEN BUILDING MATERIALS	3
CHE 450	CONVENTIONAL AND ALTERNATIVE ENERGY SYSTEMS	3
CHE 451	SOLAR ENERGY TECHNOLOGIES	3
ECE 438	ELECTRIC AND HYBRID ELECTRIC VEHICLES	4
ENGR 350	*SUSTAINABLE ENGINEERING	3
ENVE 321	ENVIRONMENTAL ENGINEERING FUNDAMENTALS	4
ME 312	THERMODYNAMICS	4
<b>Natural Sciences</b>		
BI 301	*HUMAN IMPACTS ON ECOSYSTEMS	3
BI 306	*ENVIRONMENTAL ECOLOGY	3
BI 370	ECOLOGY	3
CH 374	*TECHNOLOGY, ENERGY, AND RISK	3
CH 390	ENVIRONMENTAL CHEMISTRY	3
FES 435/TOX 435	*GENES AND CHEMICALS IN AGRICULTURE: VALUE AND RISK	3
FES 485	*CONSENSUS AND NATURAL RESOURCES	3
FOR 462	NATURAL RESOURCE POLICY AND LAW	3
FW 251	PRINCIPLES OF FISH AND WILDLIFE CONSERVATION	3
FW 303	SURVEY OF GEOGRAPHIC INFORMATION SYSTEMS IN NATURAL RESOURCE	3
FW 321	APPLIED COMMUNITY AND ECOSYSTEM ECOLOGY	3
FW 325	*GLOBAL CRISES IN RESOURCE ECOLOGY	3
FW 326	INTEGRATED WATERSHED MANAGEMENT	3

FW 340	*MULTICULTURAL PERSPECTIVES IN NATURAL RESOURCES	3	COMM 440	THEORIES OF CONFLICT AND CONFLICT MANAGEMENT	3
FW 350	*ENDANGERED SPECIES, SOCIETY AND SUSTAINABILITY	3	COMM 442	BARGAINING AND NEGOTIATION PROCESSES	3
FW 435	^WILDLIFE IN AGRICULTURAL ECOSYSTEMS	3	ENG 482	STUDIES IN AMERICAN LITERATURE, CULTURE, AND THE ENVIRONMENT	4
FW 488	PROBLEM SOLVING IN FISHERIES AND WILDLIFE SCIENCE	3	FES 485	*CONSENSUS AND NATURAL RESOURCES	3
FW 489	EFFECTIVE COMMUNICATIONS IN FISHERIES AND WILDLIFE SCIENCE	3	PHL 325	*SCIENTIFIC REASONING	4
GEO 306	*MINERALS, ENERGY, WATER, AND THE ENVIRONMENT	3	PHL 390	MORAL THEORIES	3
GEO 309	*ENVIRONMENTAL JUSTICE	3	PHL 439	PHILOSOPHY OF NATURE	3
GEOG 300	*SUSTAINABILITY FOR THE COMMON GOOD	3	PHL 440	*ENVIRONMENTAL ETHICS	3
GEOG 324	GEOGRAPHY OF LIFE: SPECIES DISTRIBUTIONS AND CONSERVATION	4	PHL 443	*WORLD VIEWS AND ENVIRONMENTAL VALUES	3
GEOG 330	**GEOGRAPHY OF INTERNATIONAL DEVELOPMENT AND GLOBALIZATION	3	PS 331	*STATE AND LOCAL POLITICS	4
GEOG 331	*POPULATION, CONSUMPTION, AND ENVIRONMENT	3	PS 370	*SCIENCE, RELIGION, AND POLITICS	4
GEOG 340	*INTRODUCTION TO WATER SCIENCE AND POLICY	3	PS 449	^TOPICS IN COMPARATIVE POLITICS	4
GEOG 360	GISCIENCE I: GEOGRAPHIC INFORMATION SYSTEMS AND THEORY	4	PS 461	ENVIRONMENTAL POLITICAL THEORY	4
GEOG 430	RESILIENCE-BASED NATURAL RESOURCE MANAGEMENT	3	PS 475	ENVIRONMENTAL POLITICS AND POLICY	4
GEOG 431	GLOBAL RESOURCES AND DEVELOPMENT	3	PS 477	INTERNATIONAL ENVIRONMENTAL POLITICS AND POLICY	4
GEOG 441	INTERNATIONAL WATER RESOURCES MANAGEMENT	3	SOC 360	*POPULATION TRENDS AND POLICY	4
GEOG 450	LAND USE IN THE AMERICAN WEST	3	SOC 381	SOCIAL DIMENSIONS OF SUSTAINABILITY	4
GEOG 451	PLANNING PRINCIPLES AND PRACTICES FOR RESILIENT COMMUNITIES	4	SOC 480	*ENVIRONMENTAL SOCIOLOGY	4
GEOG 452	SUSTAINABLE SITE PLANNING	3	SOC 481	*SOCIETY AND NATURAL RESOURCES	4
PH 313	*ENERGY ALTERNATIVES	3			
WSE 210	*RENEWABLE MATERIALS TECHNOLOGY AND UTILIZATION	4			
WSE 266	*INDUSTRIAL HEMP	3			
WSE 321	CHEMISTRY OF RENEWABLE MATERIALS	3			
WSE 322	PHYSICAL AND MECHANICAL PROPERTIES OF RENEWABLE MATERIALS	4			
SOIL 499	SPECIAL TOPICS	1-16			
Z 349	*BIODIVERSITY: CAUSES, CONSEQUENCES, AND CONSERVATION	3			
<b>Social Sciences/Humanities</b>					
AEC 250	*INTRODUCTION TO ENVIRONMENTAL ECONOMICS AND POLICY	3			
AEC 253	*ENVIRONMENTAL LAW, POLICY, AND ECONOMICS	4			
AEC 351	*NATURAL RESOURCE ECONOMICS AND POLICY	3			
AEC 352/ECON 352	*ENVIRONMENTAL ECONOMICS AND POLICY	3			
AEC 434	^MEASURING RESOURCE AND ENVIRONMENTAL IMPACTS	4			
ANTH 481	*NATURAL RESOURCES AND COMMUNITY VALUES	3			
COMM 408	WORKSHOP	1-16			

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**Minor Code: 871**