

# Sustainability Minor Curriculum

## OSU-Cascades 2016-2017

The Sustainability minor provides interdisciplinary academic courses in which students think critically about complex sustainability issues facing society today and possible solutions to complex issues.

### Sustainability Core (18):

Grade	Course	Course
_____	SUS 350 (4) F	Sustainable Communities
_____	SUS 102 (4) F	Ecological Dimensions, Intro to Envr. Sci and Sustainability
_____	SUS 420 (3) W	Social Dimensions of Sustainability
_____	AEC 352 (3) W	Environmental Econ & Policy (or AEC 250 online) <i>Pre-req = EC 201 or AEC 250</i>
_____	SUS 304 (4) W	Sustainability Assessment

### Sustainability Individualized Study/Elective Credits (9)

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 9 credits.

Students should discuss with Sustainability advisor to apply elective courses that may not be listed below.

### Total Minor Credits = 27

#### Elective courses:

Course	Pre-req
<u>Practicum experience</u>	
NR 410 (1-10) Internship	instructor approval
SUS 410 (1-10) Internship	instructor approval
SUS 499 (1-10) Practicum/Project	instructor approval
<u>Business</u>	
<b>Cascades Campus courses:</b>	
BA 302 Business Process Mgmt (4)	<i>MTH 245 or 251</i>
BA 352 Managing Individual And Team Performance (4)	<i>COMM 111 or COMM 114</i>
BA 357 Operations Management (4)	<i>BA 275 OR 276 (or instructor approval)</i>
BA 364 Project Management (4)	<i>BA 351 OR 352</i>
ECON 202 Macroeconomics (4)	
<b>E-campus Online Courses:</b>	
BA 351 Managing Organizations (4)	approval required
BA 466 Integrative Statagic Experience (4)	approval required

Continued on next page...

## Natural Sciences

### **Cascades Campus courses:**

BI 370 Ecology (3)	<i>BI 211 and BI 212 and BI 213</i>
BI 349 Biodiversity: Causes, Consequences and Conservation (3)	
FW 251 Principles of Fish And Wildlife Conservation (3)	
FW 323 Mgmt Principles of Pacific Salmon (3)	
FW 326 Integrated Watershed Management (3)	<i>FW 251</i>
FW 340 Multicultural Perspectives in Natural Resources (3)	
FW 350 Endangered Species, Society and Sustainability (3)	
FW 479 Wildlife Ecology	<i>BI 370 or similar/instructor approval</i>
FES 341 FOREST ECOLOGY (3)	
FES 365 Issues In Natural Resources Conservation (3)	
FES 445 Ecological Restoration (4)	<i>BI 370 or instructor approval</i>
GEO 306 Minerals, Energy and the Environment (3)	
GEO 308 Global Change and Earth Sciences (3)	
GEO 335 Intro to Water Science & Policy (3)	
RNG 341 Rangeland Ecology Management (3)	
RNG 355 Desert Watershed Mgmt (3)	
Z 349 Biodiversity: Causes, Consequences and Conservation (3)	

### **E-campus online courses:**

FW 303 Survey Of Geographic Information Systems In Nr (3) online only	
FW 321 Fisheries and Wildlife Resource Ecology (3) online	<i>FW 320</i>
FW 325 Global Crises in Resource Ecology (3) Online only	
FW 435 Wildlife in Agricultural Ecosystems (3) online only	<i>BI 370 and FW 251</i>
FW 485 Consensus and Natural Resources (3) online only	
FW 488 Problem Solving in Fisheries & Wildlife Sci (3) online only	<i>FW 320, FW 321, FW400 level</i>
FW 489 Effective Communications in Fw Sci (3) online only	<i>FW 488</i>
FES/FOR 355 Management for Multiple Resource Values (3) online only	<i>FOR 111, NR 201, NR 407)</i>
FES 455 Urban Forest Planning, Policy and Management (4) online only	<i>FOR 447</i>
GEO 300 Sustainability for the Common Good (3) online only	
GEO 309 Environmental Justice (3) online only	
GEO 365 GIS online or GEOG 265 GIS (COCC)	
GEO 350 Population Geography (3) online only	

## Social Sciences/Humanities

### **Cascades Campus courses:**

ANTH 484 Wealth and Poverty (3)	<i>pre-req 3 credits social science</i>
ANTH 370 Cultural Anthropology (4)	<i>pre-req ANTH 110 or SPI requirement</i>
COMM 440 Theories of Conflict and Conflict Management (3)	<i>COMM 321 or instructor approval</i>
ENG 482 Studies in American Literature, Culture and the Environment (3)	
ECON 202 Macro Economics	
PS 331 State and Local Government And Politics (4)	
PS 370 Science, Religion and Politics (4)	
PS 475 Environmental Politics and Policy (4)	

### **E-campus online courses:**

ANTH 481 Natural Resources and Community Values (3) Online Only	<i>pre-req 3 credits of social science</i>
ANTH 477 Ecological Anthropology (4) Online Only	<i>pre-req 3 credits social science</i>
ANTH 479 Anthropology of Migration (4) Online Only	<i>pre-req 3 credits social science</i>
ANTH 380 Cultures in Conflict (3) online only	<i>pre-req 3 credits social science</i>
AREC 250 Introduction to Environmental Economics and Policy (3) online only	
AREC 253 Environmental Law, Policy and Economics (4) online only	
AREC 351 Natural Resource Economics and Policy (3) online only	<i>AREC 250 or EC 201</i>
PHL 440 Environmental Ethics (3) Online only	
PHL 443 World Views and Environmental Values (3) online only	
PS 477 International Environmental Politics and Policy (4) online only	
PS 449 TOPICS: Comparative Environmental Politics and Policy (3) online only	
SOC 360 Population Trends and Policy (4) online only	<i>Intro to Sociology</i>
SOC 480 Environment Sociology (4)	
SOC 481 Society and Natural Resources (4) online only	
SOC 485 Consensus And Natural Resources (3) online only	<i>Intro to Sociology</i>

Engineering

**Cascades Campus courses:**

CCE 422 Green Building Materials (3)  
ME 312 Thermodynamics (4)  
ENGR 350 Sustainable Engineering (3)  
ESE 450 Energy Generation Systems (4)  
ESE 471 Energy Storage Systems (4)

*CCE 321 AND EC201 (2) AND ST 314  
MTH 256 AND ENGR 311/ME 311*

ME 312  
ME 312

**Minor Code: 871**

DRM 4/8/2016