

# TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

ECAMPUS

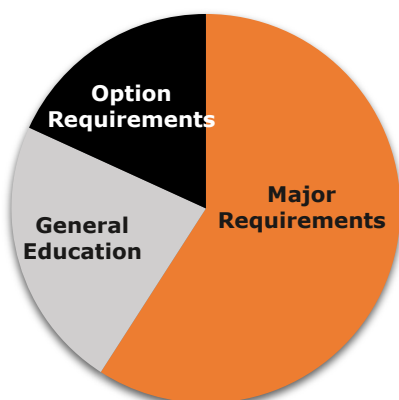
Portland  
Community College

## Natural Resources Major with Human Dimensions Option

Natural Resources students are passionate about the world around them. They collaborate to preserve and protect the natural world for future generations. Human Dimensions students will develop an understanding of the interconnectedness of human

behavior and well-being and natural resources. This includes better understanding the cultural, social, political, and philosophical issues related to NR, and prepares students work with various stakeholders in natural resource management.

## Your Bachelor's Degree (BS) in Natural Resources



- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 135 credits earned at a community college may be applied toward a bachelor's degree at OSU.
- Only courses with letter prefixes and numbers above 100 are accepted.
- [forestry.oregonstate.edu/undergraduate-programs/natural-resources/human-dimensions-natural-resources](http://forestry.oregonstate.edu/undergraduate-programs/natural-resources/human-dimensions-natural-resources)

## Courses Required for Natural Resources Major

NR Major Requirements	PCC Course	OSU Course	Notes
<i>Complete one course per category</i>			
Managing Nat Res for the Future	ESR 204	NR 201	Available online at OSU
Natural Resource Problems & Solutions		NR 202	Available online at OSU
Consensus and Natural Resources		FES 485	Available online at OSU
Natural Resources Decision Making		NR 455	Available online at OSU
<b>Advanced Communication</b>			
Communication in Global Agriculture		AG 351	Available online at OSU
Social Media Advocacy in Ag Sci & Nat Res		AG 445	Available online at OSU
Risk & Crisis Communication in Ag Sci & NR		AG 455	
Small Group Communication	COMM 215	COMM 222	
Intercultural Communication	COMM 140	COMM 226	Available online at OSU
Communication in Organizations		COMM 324	
Non-Verbal Communication	COMM 227	COMM 328	
Communication in Cyberspace		COMM 385	Available online at OSU
Theories of Conflict and Conflict Management		COMM 440	
Bargaining and Negotiating Processes		COMM 442	
Environmental Case Studies		ENSC 321	Available online at OSU
Forest as Classroom		FES 430	Available online at OSU
Maps, Media and Communication		GEOG 202	
Effective Comm of Environmental Change Sci		GEOG 453	
Critical thinking for NR Challenges		NR 312	
Environmental Interpretation		TRAL 493	Available online at OSU
Technical Writing	WR 227Z	WR 227Z	Available online at OSU
Advanced Writing & Argumentation		WR 323	Available online at OSU
Science Writing		WR 362	Available online at OSU
Writing for the Natural Sciences		WR 375	
Environmental Writing		WR 462	Available online at OSU
<b>NR Major Requirements</b>	<b>PCC Course</b>	<b>OSU Course</b>	<b>Notes</b>



Oregon State  
University

<i>Complete one course per category</i>			
<b>Writing Intensive Course</b> Ag and Environmental Predicaments Environmental Case Studies Public Lands Policy and Management Forest Policy and Regulation Aquaculture Climatology Research Methods Rangeland Management and Planning World Soil Resources Environmental Writing		CROP/SOIL/SUS 325 ENSC 321 FES 486 FE/FOR 463 FW 497 GEOG 323 PS 300 RNG 491 SOIL 395 WR 462	Available online at OSU Available online at OSU  Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU
<b>Biology I</b> Env Bio: Ecology, Cons., Global Change Introductory Biology I Principles of Biology: Cells	BI 103  BI 221Z	BI 101 BI 204 BI 221Z	Available online at OSU Available online at OSU
<b>Biology II</b> Animal Bio: Genes, Behavior, and Evolution Introductory Biology II Principles of Biology: Organisms	BI 102  BI 222Z	Z 102 BI 205 BI 222Z	Available online at OSU Available online at OSU
<b>Biology III</b> Human Bio: Anatomy, Phys, and Disease Introductory Biology III Principles of Biology: Ecology & Evolution	BI 101  BI 223Z	BI 103 BI 206 BI 223Z	Available online at OSU Available online at OSU
<b>Chemistry</b> General Chemistry I with Lab General Chemistry (Majors) I with Lab	 CH 221Z & 227Z	CH 121 CH 221Z & 227Z	Available online at OSU Available online at OSU
<b>Climate Science</b> PCC Course: Climate Change & Human Syst. Climate Science Snow, Smoke and Storms: Climate in PNW Climatology Intro to Climate Change	G 209 G 184	GEO LDT ATS 201 ATS 341 GEOG 323 SUS 103	Available online at OSU Available online at OSU Available online at OSU Available online at OSU
<b>Land Science</b> Soil Science Environmental Earth Science Planet Earth Physical Geology Earth Systems Science Global Change and Earth Sciences Surface Processes Dynamic Planet Soil Science & Lab	  G 201 G 202 G 203	CSS 205 ENSC 210 GEO 101 GEO 201 GEO 202 GEO 308 GEO 322 GEOG 102 SOIL 205 & 206	Available online at OSU Available online at OSU Available online at OSU Available online at OSU  Available online at OSU  Available online at OSU
<b>Water Science</b> Watershed Processes Forest Watershed Management Environmental Hydrogeology Intro to Water Science and Policy Hydrology for Water Resource Mgmt Oceanography Intro to Biological Oceanography Coastal Oceanography	    GS 108	FE 430 FE 434 GEO 387 GEOG 340 GEOG 424 OC 201 OC 202 OC 332	Available online at OSU  Available online at OSU Available online at OSU  Available online at OSU  Available online at OSU
<b>Ecology</b> Ecology for Engineers Marine Ecology General Ecology Plant Ecology Tropical Ecology and Conservation Forest Ecology Wildlife Ecology Intro to Wildland Ecology		BEE 270 BI 351 BI 370 BOT 341 ENSC 341 FES 341 FW 481 RNG 121	Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU
<b>Mathematics</b> Elementary Functions Calculus for Mgmt, Life, and Social Science Math for Mgmt, Life, and Social Science Differential Calculus	MTH 112Z MTH 241 MTH 245 MTH 251Z	MTH 112Z MTH 241  MTH 251Z	Available online at OSU Available online at OSU Available online at OSU Available online at OSU

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NR Major Requirements <i>Complete one course per category</i>	PCC Course	OSU Course	Notes
<b>Social &amp; Ethical Issues</b>			
PCC Course: Geography of National Parks	G 147	GEO LDT	
PCC Course: Intro to Environmental Ethics	PHL 206	PHL LDT	
Environmental Law, Politics & Policy		AEC 253	Available online at OSU
Indigenous Ecosystem Science		AG 201	Available online at OSU
Anthropology, Health, and Environment		ANTH 352	Available online at OSU
Ecological Anthropology		ANTH 477	Available online at OSU
Natural Resources and Community Values		ANTH 481	Available online at OSU
Anthropology of International Development		ANTH 482	Available online at OSU
Human Impacts on Ecosystems		BOT 301	
Issues in Natural Resource Conservation		FES 365	Available online at OSU
Food From the Sea		FW 324	Available online at OSU
Global Crises in Resource Ecology		FW 325	Available online at OSU
Minerals, Energy, Water, and Environment		GEO 306	Available online at OSU
National Park Geology and Preservation		GEO 307	Available online at OSU
Climate Justice		GEOG 100	Available online at OSU
Human-Environment Geog in Anthropocene		GEOG 203	Available online at OSU
Human Dimensions of Climate Change		GEOG 240	Available online at OSU
Transforming Environmental Conflicts		GEOG 241	Available online at OSU
Urban Aqua Networks: Ancient to Modern		GEOG 242	
Sustainability for the Common Good		GEOG 300	Available online at OSU
Resilience-Based Natural Resource Mgmt		GEOG 430	Available online at OSU
Environmental History of the U.S.		HST 481	Available online at OSU
Humans and the Ocean		MAST 201	Available online at OSU
Society, Culture and the Marine Environment		MAST 300	
Critical Thinking for NR Challenges		NR 312	
Nature in Literature Over the Centuries		NR 380	Available online at OSU
Oceans, Coasts & People		OC 203	Available online at OSU
Environmental Ethics		PHL 440	
World Views and Environmental Values		PHL/REL 443	
Native American Philosophies		PHL/REL 448	Available online at OSU
Energy, Climate, and Society		PPOL 441/SOC 482	Available online at OSU
Intro to Environment and Society		SOC 280	Available online at OSU
Social Dimensions of Sustainability		SOC 381	Available online at OSU
Rural Sociology		SOC 475	
Environmental Sociology		SOC 480	Available online at OSU
Society and Natural Resources		SOC 481	Available online at OSU
Social Dimensions of Sustainability		SUS 420	Available online at OSU
Recreation Resource Management		TRAL 251	Available online at OSU
Outdoor Recreation on Public Lands		TRAL 351	Available online at OSU
Nature, Eco, and Adventure Tourism		TRAL 353	Available online at OSU
Communities, Natural Areas, and Tourism		TRAL 354	Available online at OSU
Parks & Protected Areas		TRAL 357	Available online at OSU
Women and Natural Resources		WGSS 440	Available online at OSU

## Courses Required for Human Dimensions Option

<b>Requirement</b> <i>Complete one course per category unless otherwise noted</i>	<b>PCC Course</b>	<b>OSU Course</b>	<b>Notes</b>
<b>Measurements</b> Research Methods in Social Science		FES 422	Available online at OSU
<b>Consensus &amp; Communication</b> Small Group Communication Intercultural Communication Communication in Organizations Theories of Conflict & Conflict Management Bargaining and Negotiating Processes Team and Organizational Leadership Leadership Through Conversations	COMM 215 COMM 140	COMM 222 COMM 226 COMM 324 COMM 440 COMM 442 LEAD 262 LEAD 443	Available online at OSU  Available online at OSU Available online at OSU Available online at OSU
<b>Phil. &amp; Ethics of Environ. (choose two)</b> PCC Course: Intro to Environmental Ethics Native American Philosophies Critical Thinking for NR Challenges Nature in Storytelling Over the Centuries Environmental Ethics World Views and Environmental Values Philosophy of Science Social Dimensions of Sustainability Sustainability, Justice, and Engagement	PHL 206	PHL LDT ES/PHL/REL 448 NR 312 NR 380 PHL 440 PHL/REL 443 PHL 470 SOC 381 SUS 331	Available online at OSU  Available online at OSU Available online at OSU Available online at OSU  Available online at OSU Available online at OSU
<b>Environmental Policy &amp; Law</b> PCC Course: Environmental Politics & Policy Environmental Law, Policy, and Economics Environmental Law Contemporary Native Issues Native American Law: Tribes & Treaties in US Environmental Politics & Policy International Environmental Politics & Policy	PS 297	PS LDT AEC 253 AEC 432 ANTH 472 ES 444 PS 475 PS 477	Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU
<b>Conservation &amp; Mgmt (Choose Three)</b> Managing Organizations Issues in Natural Resources Conservation Urban Forest Planning, Policy, and Mgmt. Public Lands Policy & Management Principles of Fish & Wildlife Conservation Integrated Watershed Management End. Species, Society and Sustainability Ecosystems Services Land Use Planning for Sust. Communities Resilience-Based Natural Resource Mgmt Plan Principles for Resilient Communities Sustainable Site Planning Intro to Non-Profit Management Sustainable Communities Sustainable Organizations Outdoor Recreation on Public Lands Communities, Natural Areas, and Tourism	BI 145	BA 251 FES 365 FES/HORT 455 FES 486 FW 251 FW 326 FW 350 FW 462 GEOG 250 GEOG 430 GEOG 451 GEOG 452 NMC 311 SUS 350 SUS 450 TRAL 351 TRAL 354	Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU

## General Education Courses (called Core Education)

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|--------------------------|-------------------------------------------|--------------------------------------------------------------------|
| <b>FOUNDATIONAL CORE</b> | Writing Foundations                       | WR 121Z required                                                   |
|                          | Arts & Humanities: General                |                                                                    |
|                          | Arts & Humanities: Global                 |                                                                    |
|                          | Quantitative Literacy & Analysis          | Fulfilled by major: MTH 112Z, MTH 241, or STAT 243Z                |
|                          | Communication, Media & Society            |                                                                    |
|                          | Social Science                            | Fulfilled by major: EC 201Z                                        |
|                          | Scientific Inquiry & Analysis             | Fulfilled by major: Biology                                        |
|                          | Scientific Inquiry & Analysis             | Fulfilled by major: Chemistry                                      |
| <b>SIGNATURE CORE</b>    | Difference, Power, Oppression Foundations |                                                                    |
|                          | Transitions                               |                                                                    |
|                          | Beyond OSU I: Prepare                     | Fulfilled by major: NR 201                                         |
|                          | Beyond OSU II: Engage                     | Fulfilled by major: NR 455                                         |
|                          | Difference, Power, Oppression Advanced    | Fulfilled by major: AG 311, ENSC/GEOG 333, SUS 331                 |
|                          | Seeking Solutions                         | <i>Cannot be fulfilled by a major requirement</i>                  |
|                          | Writing Elevation                         |                                                                    |
|                          | Writing Intensive Course                  | Fulfilled by major: SUS 325, ENSC 321, FES 486, FOR 463, or WR 462 |

<b>Portland Community College</b>	General Academic Advising 971-722-8888 Option 1 <a href="mailto:advising@pcc.edu">advising@pcc.edu</a>
<b>OSU College of Forestry Student Services</b>	Forestry Student Services 541-737-1594 <a href="mailto:forestrystudentservices@oregonstate.edu">forestrystudentservices@oregonstate.edu</a>