TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

ECAMPUS

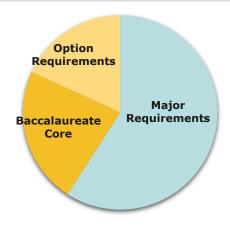
Southwestern Oregon Community College

Natural Resources Major with Ecological Restoration Option

Natural Resources students are passionate about the world around them. They collaborate to preserve and protect the natural world for future generations.

NR students completing this option will understand the complexities associated with restoration of terrestrial and aquatic ecosystems, and how restorative decisions involve significant interactions between ecological and social systems.

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.
- <u>forestry.oregonstate.edu/undergraduate-</u> programs/natural-resources/ecological-restoration

Courses Required for Natural Resources Major

NR Core Requirements Complete one course per category	SWOCC Course	OSU Course	Notes
Consensus and Natural Resources		FES 485	Available online at OSU
Managing Nat Res for the Future	NR 201	NR 201	Available online at OSU
Natural Resource Problems & Solutions		NR 202	Available online at OSU
Natural Resources Decision Making		NR 455	Available online at OSU
Advanced Communication Intro to Communication Theory Small Group Problem Solving Communication in Organizations Intercultural Communication Non-Verbal Communication Communication and Culture in Cyberspace Theories of Conflict and Conflict Management Bargaining and Negotiating Processes Forest as Classroom	SP 115	COMM 321 COMM 322 COMM 324 COMM 326 COMM 328 COMM 385 COMM 440 COMM 442 FES 430	Available online at OSU Available online at OSU Available online at OSU
Effective Comm in Fish & Wildlife Sciences Critical thinking for NR Challenges Environmental Interpretation Technical Writing Science Writing Environmental Writing Professional Writing	WR 227	FW 489 NR 312 TRAL 493 WR 327 WR 362 WR 462 WR 466	Available online at OSU Available online at OSU Available online at OSU Available online at OSU Available online at OSU
Biology I Introduction to Biology I Principles of Biology: Cells	BI 201	BI 204 BI 221	Available online at OSU



NR Core Requirements (continued) Complete one course per category	SWOCC Course	OSU Course	Notes
Biology II			
Introduction to Biology II		BI 205	Available online at OSU
Principles of Biology: Organisms	BI 203	BI 222	
Biology III			
Introduction to Biology III		BI 206	Available online at OSU
Principles of Biology: Populations	BI 202	BI 223	
Chemistry			
General Chemistry I with Lab		CH 121	Available online at OSU
General Chemistry (Majors) I with Lab	CHEM 221	CH 231 & 261	Available online at OSU
Climate Science	0.1211 ===	0 201 0. 201	, transpire entitle at 950
SWOCC Course: Weather & Climate	GEO 209		
Climate Science	020 200	ATS 201	Available online at OSU
Global Change Biology		FW 345	/ (Valiable of line at 050
Climatology		GEOG 323	Available online at OSU
Intro to Climate Change		SUS 103	Available online at OSU
Soil Science		303 103	7.tvanable onime at 050
Soil Science		CSS 205	Available online at OSU
Principles of Soil Science		CSS 305	Available offille at 030
Soil Science with Lab		SOIL 205 & 206	
Soil Science with Forest Soils Lab	ENV 235	SOIL 205 & FOR 206	
Ecology	LINV ZJJ	301L 203 & FOR 200	+
Ecology Marine Ecology		BI 351	Available online at OSU
		BI 370	Available online at OSU
General Ecology		BOT 341	Available online at OSU
Plant Ecology		FES 341	Available online at OSU
Forest Ecology Mathematics		FES 341	Available offille at 050
	MTH 112	MTU 112	Aveilable online at OCH
Elementary Functions	MTH 241	MTH 112	Available online at OSU
Calculus for Mgmt, Life, and Social Science	MIH 241	MTH 241	Available online at OSU
Math for Mgmt, Life, and Social Science	MTU 251 av 252	MTH 245	Available online at OSU
Differential Calculus	MTH 251 or 252	MTH 251	Available online at OSU
Statistics	MTH 242 244	CT 201	Aveilable selies at OCH
Principles of Statistics	MTH 243 or 244	ST 201	Available online at OSU
Intro to Statistical Methods		ST 351	Available online at OSU
Animal ID		FOR 240	
Ferrestrial Vertebrate ID & Natural History		FOR 210	
Forest Entomology		FES 412	
Systematics of Birds		FW 312	Available online at OSU
Systematics of Fishes		FW 316	Available online at OSU
Systematics of Mammals		FW 318	Available online at OSU
Biology of Insects		Z 365	
Herpetology		Z 473	Available online at OSU
Aquatic Entomology		Z 477	
Environ. Assessment & Planning		FEC /FIN/ 115	A
Ecological Restoration		FES/FW 445	Available online at OSU
Ecosystems Services		FW 462	Available online at OSU
Land Use Planning for Sust. Communities		GEOG 250	Available online at OSU
and Use in the American West		GEOG 450	
Planning Principles for Resilient Communities		GEOG 451	
Sustainable Site Planning		GEOG 452	Available online at OSU
Scientific Methods for Analyzing NR Problems		NR 325	
Wildland restoration and Ecology		RNG 421	Available online at OSU
Habitat Analysis I		RNG 457	Available online at OSU
Rangeland Management and Planning		RNG 490	Available online at OSU
Sustainability Assessment		SUS 304	Available online at OSU
Sustainable Communities		SUS 350	Available online at OSU
Planning for Sustainable Recreation		TRAL 456	
Planning for Sustainable Tourism	1	TRAL 457	İ

NR Core Requirements (continued) Complete one course per category	SWOCC Course	OSU Course	Notes
Fish & Marine Sciences Intro to Marine Biology Biology of Marine Mammals Oceans in Peril Marine Ecology Intro to Population Dynamics Mgmt Principles of Pacific Salmon in the NW Coastal Ecology and Resource Management Fishery Biology Marine Fisheries Fish Ecology Wildlife Ecology Oceanography Coastal Oceanography	BI 142 GS 108	BI 150 FW 302 BI 347 BI 351 FW 320 FW 323 FW 426 FW 454 FW 465 FW 473 FW 481 OC 201 OC 332	Available online at OSU
Forestry International Forestry Forest Biology Forest Ecology Forest Types of the Northwest Urban Forestry Wildland Fire Ecology Ecological Restoration Biodiversity Conservation in Managed Forests Agroforestry Topics in Wildland Fire Silviculture Principles	F 250	FE/FOR 456 FES 240 FES 341 FES 342 FES/HORT 350 FES 440 FES/FW 445 FES/FW 452 FES/NR 477 FOR 346 FOR 441	Available online at OSU
Land & Water SWOCC Course: Watershed Processes Watershed Processes Forest Watershed Management Integrated Watershed Management Freshwater Ecology and Conservation Wetlands and Riparian Ecology Minerals, Energy, Water and the Environment National Park Geology and Preservation Global Change and Earth Sciences Introduction to Water Science & Policy Water Resources Management in the U.S. International Water Resource Management Desert Water Shed Management Riparian Ecohydrology and Management Ecosystems of Wildland Soils Soil Systems and Plant Growth World Soil Resources Soil Morphology and Classification	NR 260	FE 430 FE 434 FW 326 FW 456 FW 479 GEO 306 GEO 307 GEO 308 GEOG 340 GEOG 440 GEOG 441 RNG 355 RNG 455 SOIL 366 SOIL 388 SOIL 395 SOIL 466	Available online at OSU
Range Wildland Fire Ecology Ecological Restoration Topics in Wildland Fire Rangeland Ecology and Management Range Ecology I – Grasslands Range Ecology II – Shrub Lands Wildland Restoration and Ecology Rangeland Analysis Rangeland-Animal Relations Rangeland Management and Planning		FES 440 FES/FW 445 FOR 346 RNG 341 RNG 351 RNG 352 RNG 421 RNG 441 RNG 442 RNG 490	Available online at OSU
Vegetation ID Plant Systematics Agrostology Flora of the Pacific Northwest Dendrology Landscape Plant Materials I: Decid & Conifers Landscape Plant Materials II: Shrubs Wildland Plant Identification	F 241	BOT 321 BOT 414 BOT 425 FES 241 HORT 226 HORT 228 RNG 353	Available online at OSU Available online at OSU Available online at OSU Available online at OSU

Wildlife Management Principles of Fish & Wildlife Conservation Introductory Population Dynamics Applied Community and Ecosystem Ecology Wildlife in Agricultural Ecosystems Avaian Conservation and Management Biodiversity Conservation in Managed Forests Marmal Conservation in Managed Forests Marmal Conservation and Management Bidliversity Conservation in Managed Forests Marmal Conservation and Management Wildlife Ecology Animal Behavior FW 451 FES/FW 452 Available online at OSU Available online at OSU ANTH 352 Available online at OSU ANTH 477 Available online at OSU ANTH 477 Available online at OSU ANTH 482 ANTH 482 Available online at OSU ANTH 482 ANTH 482 Available online at OSU ANTH 482 Available online at OSU Available online at OSU A	NR Core Requirements (continued) Complete one course per category	SWOCC Course	OSU Course	Notes
Introductory Population Dynamics Applied Community and Ecosystem Ecology Wildlife in Agricultural Ecosystems Applied Community and Ecosystems Available online at OSU Wildlife in Agricultural Ecosystems Available online at OSU Available online at OSU Available online at OSU Biodiversity Conservation in Management Biodiversity Conservation and Management FW 451 Available online at OSU Biodiversity Conservation and Management FW 452 Available online at OSU Wildlife Ecology Animal Behavior FW 481 Available online at OSU Available on	Wildlife Management			
Applied Community and Ecosystem Ecology Wildlife in Agricultural Ecosystems Wildlife in Agricultural Ecosystems Avian Conservation and Management Biodiversity Conservation in Management FW 451 Available online at OSU Available online at OSU Biodiversity Conservation and Management FW 452 Available online at OSU Wildlife Ecology FW 458 Available online at OSU Wildlife Ecology FW 481 Available online at OSU Wildlife Ecology Animal Behavior Z 350 Available online at OSU Ethics & Philosophy Ecosystems Science of the PNW Indians Anthropology, Health, and the Environment Ecological Anthropology FE Available online at OSU Anthropology, Health, and the Environment Ecological Anthropology Anthropology of International Development Multicultural Perspectives in NR FW 340 Anthropology of International Development Multicultural Perspectives in NR FW 340 Available online at OSU Available online at OSU Environmental Justice Five Transforming Environmental Conflicts GEOG 241 Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Ethics NR 330 Nature in Storytelling over the Centuries Environmental Ethics PH 440 Available online at OSU Natural Resource Policy Environmental Law Five Agricultural Perspective & Engagement Natural Resource Policy Five Ada Rural Development Economics & Policy Five Ada Rural Development Economics & Policy Five Ada Rural Development Economics & Policy Five Ada Fish & Wildlife Law and Policy				
Wildlife in Agricultural Ecosystems Avian Conservation and Management Biodiversity Conservation in Managed Forests Mammal Conservation in Management Wildlife Ecology Amimal Conservation and Management FW 458 Available online at OSU Transforming Environmental Conflicts GEOG 241 Available online at OSU Environmental distory of the United States Environmental Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Politics and Policy Environmental Environmental Politics and Policy Environmental Environmental Politics Available online				
Available online at OSU Biodiversity Conservation in Managed Forests FES/FW 452 Available online at OSU Marmal Conservation in Managed Forests FES/FW 458 Available online at OSU Available online at OSU FW 458 Available online at OSU FW 458 Available online at OSU Ethics & Philosophy Ecosystems Science of the PNW Indians Anthropology, Health, and the Environment Ecological Anthropology ANTH 477 Available online at OSU Ecological Anthropology ANTH 477 Available online at OSU ANTH 481 Available online at OSU Environmental Justice GEOG 320 Available online at OSU Environmental Justice GEOG 330 Available online at OSU Environmental Institute GEOG 330 Available online at OSU Environmental Ethics GEOG 330 Available online at OSU Environmental Ethics PHL 440 Available online at OSU Environmental Ethics PHL 440 Available online at OSU Environmental Ethics PHL 440 Available online at OSU Sustainability, Justice & Engagement Sussainability, Justice & Engagement Phily REL 443 Available online at OSU Sustainability, Justice & Engagement FES 486 Available online at OSU FES 485 Available o	, , , , , ,		_	
Biodiversity Conservation in Managed Forests Mammal Conservation and Management FW 452 Available online at OSU Mammal Conservation and Management FW 458 Available online at OSU Alliand Behavior Available online at OSU Anthropology, Health, and the Environment ANTH 352 Available online at OSU Anthropology, Health, and the Environment ANTH 477 Available online at OSU ANTH 477 Available online at OSU ANTH 477 Available online at OSU ANTH 481 Available online at OSU ANTH 482 Multicultural Perspectives in NR FW 340 Available online at OSU ANTH 482 Multicultural Perspectives in NR FW 340 Available online at OSU Environmental Dustice GEOG 241 Available online at OSU GEOG 330 Available online at OSU GEOG 331 Available online at OSU GEOG 341 Available online at OSU GEOG 34	,			
Mammal Conservation and Management Wildlife Ecology Animal Behavior Ethics & Philosophy Ecosystems Science of the PNW Indians Anthropology, Health, and the Environment Ecological Anthropology Anthropology (Anthropology) Natural Resources and Community Values Anthropology of International Development Multicultural Perspectives in NR Transforming Environmental Conflicts Environmental Justice Environmental Justice Environmental History of the United States Environmental Ethics NR 380 Natural Resources Policy Natural Resources Policy Environmental History Environmental History Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Experiment Experimental Experiment Usual Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Experiment Experiment Experiment Sustainability, Justice & Engagement Apailable online at OSU Available online at OSU Natural Resource Policy Environmental Experiment Experi				
Wildiffe Ecology Animal Behavior Ethics & Philosophy Ecosystems Science of the PNW Indians Anthropology, Health, and the Environment Ecological Anthropology Natural Resources and Community Values Anthropology of International Development Multicultural Perspectives in NR Transforming Environmental Conflicts Environmental Justice Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Estics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Less Resource Policy Rubile Lands Policy & Management Forest Policy Natural Resource Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics & Policy Political Issues Plagues, Poets, and Politics Policy Plagues, Poets, and Politics Plagues, Poets, and Politics Policy Plagues, Poets, and Politics Plagues, Poets, and Po	,			
Animal Behavior Z 350 Available online at OSU	Mammal Conservation and Management		FW 458	Available online at OSU
Ethics & Philosophy Ecosystems Science of the PNW Indians Anthropology, Health, and the Environment Ecological Anthropology ANTH 477 Available online at OSU ANTH 477 Available online at OSU ANTH 481 Available online at OSU ANTH 482 ANTH 481 Available online at OSU BENVironmental Justice Environmental History of the United States Environmental Ethics ANTH 312 NR 312 NR 312 NR 312 NR 312 NR 380 Available online at OSU Benvironmental Values Environmental Values Environmental Values Environmental Values Environmental Values Environmental Law Environmental Law ANTH 352 Available online at OSU FES 486 Available online at OSU NT 577 Available online at OSU Available onli	Wildlife Ecology			Available online at OSU
Ecosystems Science of the PNW Indians Anthropology, Health, and the Environment Ecological Anthropology Habith, and the Environment Ecological Anthropology ANTH 477 Available online at OSU Natural Resources and Community Values ANTH 481 Available online at OSU ANTH 482 ANT			Z 350	Available online at OSU
Anthropology, Health, and the Environment Ecological Anthropology (ANTH 352 Available online at OSU Natural Resources and Community Values (ANTH 481 Available online at OSU ANTH 481 Available online at OSU ANTH 481 Available online at OSU ANTH 482 (ANTH 482 ANTH 482 AVAIIABLE ONLINE ANTH 482 ANTH 482 (ANTH 482 ANTH 482 ANTH 482 ANTH 482 ANTH 482 ANTH 482 ANTH 482 (ANTH 482 ANTH 482 AVAIIABLE ONLINE AT AVAIIABLE O				
Ecological Anthropology Natural Resources and Community Values Anthropology of International Development Multicultural Perspectives in NR Transforming Environmental Conflicts Environmental Justice Environmental Justice Environmental Justice Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Ethics Natural Resource Policy Environmental Ethics Post Agilable online at OSU Natural Resource Policy Environmental Ethics Post Agilable online at OSU Natural Resource Policy Environmental Ethics Post Agilable online at OSU Natural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability Political International Environmental Politics and Policy Political International Environmental Politics and Policy Political Environmental Politics Apolicy Political Environm	Ecosystems Science of the PNW Indians		AG 301	Available online at OSU
Ecological Anthropology Natural Resources and Community Values Anthropology of International Development Multicultural Perspectives in NR Transforming Environmental Conflicts Environmental Justice Environmental Justice Environmental Justice Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Ethics Natural Resource Policy Environmental Ethics Post Agilable online at OSU Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy Environmental Politics and Policy Environmental Politics Post Agilable online at OSU Political Issues Plagues, Pests, and Politics Natural Resource Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endagered Spec, Society and Law Endagered Spec, Society and Sustainability Natural Resource Policy and Law Endagered Spec, Society and Sustainability U.S. Energy Policics Environmental Politics and Policy International Environmental Politics and Policy Natural Resource Policy and Law Endagered Spec, Society and Sustainability Natural Resource Policy and Law Endagered Spec, Society and Sustainability Natural Resource Policy and Law Endagered Spec, Society and Sustainability Natural Resource Policy and Law Endagered Spec, Society and Sustainability Natural Resource Policy and Law Environmental Politics and Policy Natural Resource Policy and Law Environmental Politics and Policy Natural Resource Policy and Law Environmental Politics and Policy Natural Resource Policy and Law Environmental Politics and Policy Natural Resource Policy and Law Environmental Politics and Policy Natural Resource Policy and Law Environmental Politics and Policy Natural Resource Policy Natural Resource Policy Natiral Resource Policy Natiral Resource Policy Natiral Resource Policy Natir	Anthropology, Health, and the Environment		ANTH 352	Available online at OSU
Natural Resources and Community Values Anthropology of International Development Multicultural Perspectives in NR Transforming Environmental Conflicts Environmental Justice Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges NR 312 Nature in Storytelling over the Centuries Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Leconomics & Policy Rural Development Economics & Policy Public Lands Policy and Law For Resources Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics & Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy International Environmental Politics and Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy International Environmental Politics and Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy Natural Resource Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy Natural Resource Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy Natural Resource Policy Natural Resource Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Propers Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Politics of Climate Change Polymormental Politics and Policy Polymormental Politic			ANTH 477	Available online at OSU
Anthropology of International Development Multicultural Perspectives in NR Transforming Environmental Conflicts Environmental Justice Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges NR 312 Nature in Storytelling over the Centuries Environmental History of the United States Critical Thinking for NR Challenges NR 312 Nature in Storytelling over the Centuries Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management FES 486 Natural Resources Policy Natural Resources Policy Introduction to Ocean Law U.S. Energy Policy U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law FOR 462 FINE Available online at OSU FOR 462 International Environmental Politics Natural Resource Policy International Environmental Politics Natural Resource Policy PS 473 Available online at OSU U.S. Energy Policy PS 473 Available online at OSU International Environmental Politics Natural Resource Policy International Environmental Politics Natural Resource Policy and Law FOR 462 FOR 462 FINE Available online at OSU FOR 462 FINE Available online at OSU FOR 462 FINE Available online at OSU Natural Resource Policy PS 473 Available online at OSU Natural Resource Policy Natural Resource Policy PS 475 Available online at OSU Natural Resource Policy and Law FOR 462 FOR 462 FINE Available online at OSU Natural Resource Policy and Law FOR 462 FOR 462 FOR 462 FOR 462 FOR 463 FOR 464 FOR 465			ANTH 481	Available online at OSU
Multicultural Perspectives in NR Transforming Environmental Conflicts Environmental Justice Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Ethics Natural Resource Policy Environmental Evaluate Environmental Evaluate Environmental Evaluate Environmental Politics and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law For 462 For 46			ANTH 482	
Transforming Environmental Justice Environmental Justice Environmental Justice Environmental Justice Environmental Justice Environmental History of the United States Environmental History of the United States Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Ethics NR 312 Nature in Storytelling over the Centuries Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy PS 473 Available online at OSU International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Forest Policy Environmental Politics and Policy Forest Policy PS 475 Political Tissues Plagues, Pests, and Politics Natural Resource Policy and Law Forest Policy and Law Political Tissues Plagues, Pests, and Politics Political Tissues Plagues, Pests, and Politics PS 475 Available online at OSU Natural Resource Policy and Law Politics of Climate Change PS 475 Available online at OSU Natural Resource Policy and Law Fore 462 PS 475 Available online at OSU Natural Resource Policy and Law Fore 452 PS 475 Available online at OSU Natural Resource Policy and Law Fore 452 PS 475 Available online at OSU Natural Resource Policy and Law Fore 452 PS 475 Available online at OSU Natural Resource Policy and Law Fore 452 PS 475 Available online at OSU Natural Resource Policy and Law Fore 452 PS 475 Available online at OSU Natural Resource Policy and Law Fore 452 PS 475 Available online at OSU Natural Resource Policy and Law Fore 452 PS 475 Available online at OSU Natural Resource Policy and Environmental Politics & Policy When Science Escapes the Lab PS 475 Available online at OSU Natural Reso			_	Available online at OSU
Environmental Justice Environmental History of the United States Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Ethics NR 380 NR 381 NR 380	• • • • • • • • • • • • • • • • • • •			
Environmental History of the United States Critical Thinking for NR Challenges NR 312 NR 380 NR 380 NR 380 Available online at OSU Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Sustainability, Justice & Engagement Sustainability, Justice & Engagement NR 380 PHL 440 Available online at OSU Natural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy Environmental Politics and Policy International Environmental Politics Natural Resource Solicy Environmental Politics PS 475 Available online at OSU Natural Resource Policy PS 475 Available online at OSU Natural Resource Policy Environmental Politics and Policy International Environmental Politics PS 475 Available online at OSU Natural Resource Policy PS 477 Available online at OSU Natural Resource Policy PS 475 Available online at OSU Natural Resource Policy PS 475 Available online at OSU Natural Resource Policy PS 475 Available online at OSU Natural Resource Policy PS 475 Available online at OSU Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy PS 475 Available online at OSU Science and Politics PS 476 Available online at OSU Natural Resource Policy PS 477 Available online at OSU Natural Resource Policy and Politics Natural Resource Policy and Politics PS 476 Available online at OSU Natural Resource Policy PS 477 Available online at OSU Natural Resource Policy PS 477 Available online at OSU Natural Resource Policy PS 477 Available online at OSU Natural Resource Policy PS 476 Available online at OSU Natural Resource Policy PS 477 Available online at OSU Natural Resource Policy PS 476 Available online at OSU Natural Resou				
Critical Thinking for NR Challenges Nature in Storytelling over the Centuries Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Law REC 432 Environmental Law REC 454 RAC 454 Forest Policy Natural Development Economics & Policy Philic Lands Policy & Management Forest Policy Natural Resources Policy and Law For 462 Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics & Policy Political Issues Plagues, Pests, and Polity Political Issues Plagues, Pests, and Politics Environmental Politics and Policy Politics of Climate Change Environmental Politics and Policy Politics of Climate Change Environmental Politics & Policy Politics Politics of Climate Change Environmental Politics & Policy Politics Politics Politics & Policy Politics Politics Politics & Policy Politics Politics Politics Politics Pol				
Nature in Storytelling over the Centuries Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Sustainability, Justice & Engagement Natural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Forest Policy Natural Resources Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy Ror 462 For 462 For 473 Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law For 462 F				Available offine de 050
Environmental Ethics World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy Politics of Climate Change Possible Available online at OSU Politics of Climate Change Possible Available online at OSU Possible Online Available Online Av	5			Available online at OSH
World View and Environmental Values Sustainability, Justice & Engagement Natural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Forest Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policis & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Forest Policy Forest P				
Sustainability, Justice & Engagement SUS 331 Available online at OSU				
Ratural Resource Policy Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law FOR 462 FW 415 Available online at OSU FW 422 Available online at OSU FW 422 Available online at OSU FW 473 Available online at OSU FW 475 Available online at OSU FW 477 Available online at OSU FOR 462 FN 450 FOR 462 FN 450 FOR 462 FN 350 RAtural Resource Policy and Law FOR 462 Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management FOR 477 Available online at OSU Available online at OSU Available online at OSU FY 475 Available online at OSU Available online at OSU Available online at OSU Available online at OSU FY 475 Available online at OSU Available online at OSU FY 476 Available online at OSU			,	
Environmental Law Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics Natural Resource Policy and Law For 462 Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy PS 475 Environmental Politics and Policy PS 455 Environmental Politics and Policy Science and Politics International Environmental Politics & Policy PS 476 Available online at OSU Available online at OSU FOR 462 FOR			303 331	Available offille at 030
Rural Development Economics & Policy Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics of Climate Change Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics & Policy Environmental Politics and Policy Environmental Politics of Climate Change Entryronmental Politics & Policy Environmental Politics on Policy Environmental Politics ENT/HORT 300 FOR 462 ENT/HORT 300 FOR 462 ENT/HORT 300 FOR 462 ENT/HORT 300 FOR 462 ENT/HORT 300 Available online at OSU NR 351 The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management AEC 454 Available online at OSU Available online at OSU Available online at OSU Available online at OSU FOR 462 FOR 401 FOR 462 FOR 4	-		AEC 422	Available online at OSH
Public Lands Policy & Management Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics & Policy Political Issues Entry HORT 300 FOR 462 Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management FES 486 FOR 460 FOR 462 FW 415 Available online at OSU Available online at OSU ENT/HORT 300 Available online at OSU Available online at OSU Available online at OSU Available online at OSU FOR 462 FW 350 Available online at OSU FY 475 Available online at OSU FY 476 Available online at OSU FY 477 Available online at OSU				
Forest Policy Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics Postage Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Post 475 Post 462 Environmental Politics of Climate Change Environmental Politics and Policy Post 475 Post 462 Post	Public Lands Delign & Management			
Natural Resources Policy and Law Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Plagues, Pests, and Politics Political Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics & Policy PS 475 Available online at OSU NR 351 The Politics of Climate Change Environmental Politics & Policy Environmental Politics & Policy International Environmental Politics & Policy PS 475 Available online at OSU NR 351 The Politics of Climate Change Environmental Politics and Policy Science and Politics PS 475 Available online at OSU International Environmental Politics & Policy Wilderness Management Available online at OSU				Available online at 050
Fish & Wildlife Law and Policy Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy PS 475 Environmental Politics PS 477 Available online at OSU Available online at OSU ENT/HORT 300 FOR 462 FW 350 Available online at OSU NR 351 The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management Available online at OSU Available online at OSU FS 475 Available online at OSU Available online at OSU FS 477 Available online at OSU Available online at OSU Available online at OSU FS 477 Available online at OSU Available online at OSU FS 477 Available online at OSU Available online at OSU FS 477 Available online at OSU FS 477 Available online at OSU Available online at OSU FS 477 Available online at OSU Available online at OSU FS 477 Available online at OSU				
Introduction to Ocean Law U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy PS 475 Environmental Politics and Policy PS 475 Available online at OSU Available online at OSU Available online at OSU NR 351 PS 455 Available online at OSU Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management FW 422 Available online at OSU				A - 11-11 11 1 OGU
U.S. Energy Policy Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Independent of Politics Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management PS 473 Available online at OSU Available online at OSU ENT/HORT 300 Available online at OSU FOR 462 FW 350 Available online at OSU NR 351 PS 475 Available online at OSU PS 475 Available online at OSU FY 476 Available online at OSU Available online at OSU FY 477 Available online at OSU	•			
Environmental Politics and Policy International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management PS 475 Available online at OSU Available online at OSU Available online at OSU Available online at OSU PS 475 Available online at OSU				
International Environmental Politics & Policy Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management PS 477 Available online at OSU Available online at OSU Available online at OSU PS 475 Available online at OSU PS 476 Available online at OSU	2, .			
Political Issues Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management ENT/HORT 300 Available online at OSU FOR 462 FW 350 Available online at OSU NR 351 PS 475 Available online at OSU PS 475 Available online at OSU Available online at OSU PS 477 Available online at OSU				
Plagues, Pests, and Politics Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management ENT/HORT 300 FOR 462 FW 350 Available online at OSU NR 351 PS 455 Available online at OSU PS 475 Available online at OSU Available online at OSU FOR 462 FW 350 Available online at OSU Available online at OSU FOR 475 Available online at OSU Available online at OSU FOR 462 FW 350 Available online at OSU Available online at OSU FOR 462 FW 350 Available online at OSU			PS 4//	Available online at OSU
Natural Resource Policy and Law Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management FOR 462 FW 350 Available online at OSU NR 351 PS 455 Available online at OSU PS 475 Available online at OSU PS 476 Available online at OSU				
Endangered Spec, Society and Sustainability When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management FW 350 Available online at OSU Available online at OSU PS 475 Available online at OSU PS 476 Available online at OSU				Available online at OSU
When Science Escapes the Lab The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management NR 351 PS 455 Available online at OSU Available online at OSU PS 476 PS 477 Available online at OSU				
The Politics of Climate Change Environmental Politics and Policy Science and Politics International Environmental Politics & Policy Wilderness Management PS 455 PS 475 Available online at OSU Available online at OSU PS 477 Available online at OSU Available online at OSU Available online at OSU Available online at OSU				Available online at OSU
Environmental Politics and Policy Science and Politics PS 475 PS 476 Available online at OSU PS 476 International Environmental Politics & Policy Wilderness Management PS 477 PS 477 Available online at OSU Available online at OSU Available online at OSU				
Science and Politics International Environmental Politics & Policy Wilderness Management PS 476 PS 477 Available online at OSU TRAL 352 Available online at OSU Available online at OSU	The Politics of Climate Change			Available online at OSU
International Environmental Politics & Policy Wilderness Management PS 477 TRAL 352 Available online at OSU Available online at OSU	Environmental Politics and Policy			Available online at OSU
Wilderness Management TRAL 352 Available online at OSU				Available online at OSU
Wilderness Management TRAL 352 Available online at OSU	International Environmental Politics & Policy		PS 477	Available online at OSU
			TRAL 352	Available online at OSU
Intro to Environmental Economics & Policy AEC 250 Available online at OSU	Intro to Environmental Economics & Policy		AEC 250	Available online at OSU
Intro to Microeconomics ECON 201 ECON 201 Available online at OSU	Intro to Microeconomics	ECON 201	ECON 201	Available online at OSU

NR Core Requirements (continued) Complete one course per category	SWOCC Course	OSU Course	Notes
Social Issues			
Human Impacts on Ecosystems		BI 301	
Human Ecology		BI 348	
Issues in Natural Resource Conservation		FES 365	Available online at OSU
Global Crises in Resource Ecology		FW 325	Available online at OSU
Sustainability for the Common Good		GEOG 300	Available online at OSU
Climate Change, Water and Society		GEOG 240	
Transforming Environmental Conflicts		GEOG 241	
Resilience-Based Natural Resource Mgmt		GEOG 430	
Global Resource Development		GEOG 431	
When Science Escapes the Lab		NR 351	
Oceans, Coasts & People		OC 333	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	F 251	TRAL 251	Available online at OSU
Outdoor Recreation on Public Lands		TRAL 351	
Wilderness Management		TRAL 352	Available online at OSU
Nature, Eco, and Adventure Tourism		TRAL 353	
Communities, Natural Areas, and Tourism		TRAL 354	
Parks & Protected Areas		TRAL 357	
Women and Natural Resources		WGSS 440	Available online at OSU
Spatial Analysis			
Precision Agriculture		CROP/HORT 414	Available online at OSU
GIS and Forest Engineering Applications	GEOG 265	FE 257	Available online at OSU
Survey of Geographic Information Systems		FW 303	Available online at OSU
Foundations of Geospatial Science & GIS		GEOG 201	Available online at OSU
Geoscience I: GIS and Theory		GEOG 360	Available online at OSU

Courses Required for Ecological Restoration Option

Requirement Complete one course per category unless	SWOCC Course	OSU Course	Notes
otherwise noted	511000 000150	000 000.00	110105
Measurements			
Field Methods in Ecological Restoration		BI 375	
Field Methods in Plant Ecology		BOT 440	Available online at OSU
Scientific Methods for Analyzing NR Problems		NR 325	
Rangeland Analysis		RNG 441	Available online at OSU
Resource Economics			
Natural Resources Economics & Policy		AEC 351	Available online at OSU
Environmental Economics & Policy		AEC/ECON 352	Available online at OSU
Intro to Coastal & Marine Resource Econ		AEC 353	Available online at OSU
Rural Development Economics & Policy		AEC 454	
Forest Resource Economics I		FOR 329	
Economics & Policy of Wildland Fire		FOR 431	Available online at OSU
Plant Systematics		BOT 321	
Plant Ecology		BOT 341	Available online at OSU
General Chemistry II with Lab		CH 122	Available online at OSU
General Chemistry II with Lab (for majors)	CHEM 222	CH 232 & 262	Available online at OSU
Ecological Restoration		FES/FW 445	Available online at OSU
Wetlands and Riparian Ecology		FW 479	Available online at OSU
Riparian Ecohydrology and Management		RNG 455	Available online at OSU
Land Use in the American West		GEOG 450	
Planning Prin & Pract for Resilient Community		GEOG 451	
Sustainable Site Planning		GOEG 452	Available online at OSU
Ecosystems of Wildland Soils		SOIL 366	Available online at OSU
Soil System and Plant Growth		SOIL 388	Available online at OSU
Soil Morphology and Classification		SOIL 466	Available online at OSU
Social & Ethical Considerations			
Urban Forestry		FES/HORT 350	Available online at OSU
Econ and Policy of Forest Wildland Fire		FOR 431	Available online at OSU
Critical Thinking for NR Challenges		NR 312	
Environmental Ethics		PHL 440	
World Views and Environmental Values		PHL/REL 443	Available online at OSU
Environmental Sociology		SOC 480	Available online at OSU
Society and Natural Resources		SOC 481	Available online at OSU
Sustainability, Justice, and Engagement		SUS 331	Available online at OSU
Ecological & NR Electives – 2 classes			
Marine Ecology		BI 351	Available online at OSU
Environmental Physiology of plants		BOT 488	
Wildland Fire Ecology		FES 440	Available online at OSU
Wildland Fire Science & Management		FOR 436	Available online at OSU
Biodiversity Cons in Managed Forests		FES/FW 452	Available online at OSU
Silviculture Principles		FOR 441	
Introductory Population Dynamics		FW 320	Available online at OSU
Coastal Ecology and Resource Management		FW 426	Available online at OSU
Avian Conservation and Management		FW 451	Available online at OSU
Fishery Biology		FW 454	Available online at OSU
Freshwater Ecology and Conservation		FW 456	Available online at OSU
Mammal Conservation and Management		FW 458	Available online at OSU
Fish Ecology		FW 473	Available online at OSU
Wildlife Ecology		FW 481	Available online at OSU
Rangeland Ecology and Management		RNG 341	Available online at OSU
Wildland Restoration and Ecology		RNG 421	Available online at OSU
Soil Landscape Analysis		SOIL 468	
Biodiversity: Causes, Consequences, Conserv		Z 349	Available online at OSU
Environmental Physiology		Z 423	Available online at OSU

General Education Courses (called the Baccalaureate Core)

- Complete one course in each Perspective category with no more than two in the same department.
- Full listing of SWOCC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-southwestern-oregon-community-college

SKILLS COURSES	Math Writing I Writing II Speech (Writing III) Fitness	Completed as part of major: MTH 112 or higher WR 121. Required to transfer. Can be completed as part of major: see advisor Choose one course from Bacc Core link above PE 231 @ SWOCC
PERSPECTIVE COURSES	Biological Science Physical Science Additional Biological or Physical Science Cultural Diversity Literature and the Arts Social Processes and Institutions Western Culture	Completed as part of major: BI 101 or 201 @ SWOCC Completed as part of major: CHEM 221 @ SWOCC Completed as part of major: BI 102 or 202 @ SWOCC Choose one course from Bacc Core link above Choose one course from Bacc Core link above Completed as part of major: ECON 201 @ SWOCC Choose one course from Bacc Core link above
DPD COURSE	Difference, Power, & Discrimination	Can be completed as part of major: see advisor
SYNTHESIS COURSES	Contemporary Global Issues Science, Technology, & Society	Upper division course, take through OSU Upper division course, take through OSU

Advising Contacts

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. See your community college advisor first and use this Transfer Guide to help you plan. It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing. See <u>visitosu.oregonstate.edu/visit-campus</u> to schedule your personalized visit.

Southwestern Oregon Community College	Tasha Livingstone, Faculty in Forestry & Natural Resources Tasha.livingstone@socc.edu, 541-888-7284
OSU College of Forestry Prospective Student Advisor	Autumn VanderLinden 541-737-9135 Autumn.VanderLinden@oregonstate.edu