TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

ECAMPUS

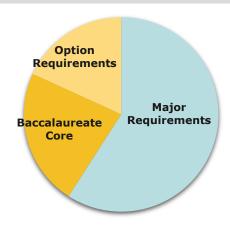
Shasta College

Natural Resources Major with Conservation Law Enforcement 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 be prepared to enter careers in conservation law enforcement with an understanding of the criminal justice system, environmental law and policy, human dimensions and sustainable 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 124 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.
- More info at forestry.oregonstate.edu/undergraduateprograms/natural-resources/conservation-lawenforcement

Courses Required for Natural Resources Major

NR Core Requirements Complete one course per category	Shasta Course	OSU Course	Notes
Consensus and Natural Resources		FES 485	Available online at OSU
Managing Nat Res for the Future	AGNR 1	NR 201	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 Effective Comm in Fish & Wildlife Sciences Critical thinking for NR Challenges Technical Writing Science Writing Environmental Writing Professional Writing		COMM 321 COMM 322 COMM 324 COMM 326 COMM 328 COMM 385 COMM 440 COMM 442 FES 430 FW 489 NR 312 TRAL 493 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 Available online at OSU Available online at OSU
Biology I General Biology I with Lab Introduction to Biology I Principles of Biology I with Lab		BI 101 BI 204 BI 211	Available online at OSU



NR Core Requirements (continued) Complete one course per category	Shasta Course	OSU Course	Notes
Biology II			
General Biology II with Lab		BI 102	
Introduction to Biology II	DIOL 1	BI 205	Available online at OSU
Principles of Biology II with Lab	BIOL 1	BI 212	
Biology III		DI 103	
General Biology III with Lab		BI 103 BI 206	Available online at OSU
Introduction to Biology III Principles of Biology III with Lab		BI 213	Available offillie at 050
Chemistry		D1 215	
General Chemistry I with Lab		CH 121	Available online at OSU
General Chemistry (Majors) I with Lab	CHEM 1A	CH 231 & 261	Available online at OSU
Climate Science			
Climate Science		ATS 201	Available online at OSU
Global Change Biology		FW 345	
Climatology		GEOG 323	Available online at OSU
Intro to Climate Change		SUS 103	Available online at OSU
Earth or Soil Science		000 005	
Soil Science		CSS 205	Available online at OSU
Principles of Soil Science		CSS 305 GEO 101	Available enline at OCH
The Solid Earth Physical Geology	ESCI 1	GEO 101 GEO 201	Available online at OSU
Earth Systems Science	ESCI 17	GEO 201	
Environmental Geology	ESCI 10	GEO 221	Available online at OSU
Physical Geography	GEOG 1A	GEOG 102	Available online at OSU
Soil Science with Lab	AGPS 24	SOIL 205 & 206	/ Trailable chimie at eee
Soil Science with Forest Soils Lab		SOIL 205 & FOR 206	
Ecology			
Marine Ecology		BI 351	Available online at OSU
General Ecology		BI 370	Available online at OSU
Plant Ecology		BOT 341	Available online at OSU
Forest Ecology		FES 341	Available online at OSU
Mathematics	MATU 2D	MTH 440	A - : ! - ! ! ! - OC! !
Elementary Functions Calculus for Mgmt, Life, and Social Science	MATH 2B MATH 9	MTH 112 MTH 241	Available online at OSU Available online at OSU
Math for Mgmt, Life, and Social Science	MATH 9	MTH 241	Available online at OSU
Differential Calculus	MATH3A	MTH 251	Available online at OSU
Statistics	MATTISA	11111 231	Available offine at 636
Principles of Statistics	MATH 14	ST 201	Available online at OSU
Intro to Statistical Methods		ST 351	Available online at OSU
Animal ID			
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	Accellate and a set OCH
Herpetology Aquatic Entomology		Z 473 Z 477	Available online at OSU
Environ. Assessment & Planning		24//	
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
Land Use in the American West		GEOG 450	
Planning Principles for Resilient Communities		GEOG 451	
Sustainable Site Planning		GEOG 452	Available online at OSU
Wildland restoration and Ecology		RNG 421	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 Scientific Methods for Analyzing NP Problems		TRAL 457	
Scientific Methods for Analyzing NR Problems	l	NR 325	l

	Requirements (continued) one course per category	Shasta Course	OSU Course	Notes
	arine Sciences			
Intro to M	arine Biology		BI 150	
	Marine Mammals		FW 302	Available online at OSU
Oceans in			BI 347	Available online at OSU
Marine Ec			BI 351	Available online at OSU
	opulation Dynamics		FW 320	Available online at OSU
	nciples of Pacific Salmon in the NW		FW 323	Available online at OSU
	cology and Resource Management		FW 426	Available online at OSU
Fishery Bi			FW 454	Available online at OSU
Marine Fis			FW 465	
Fish Ecolo	<i>5</i> ,		FW 473	Available online at OSU
Wildlife Ed			FW 481	Available online at OSU
Oceanogra		ESCI 15	OC 201	Available online at OSU
	ceanography		OC 332	
Forestry				
	nal Forestry		FE/FOR 456	
Forest Bio		AGNR 65	FES 240	Available online at OSU
Forest Eco			FES 341	Available online at OSU
	oes of the Northwest		FES 342	Available online at OSU
Urban For	estry		FES/HORT 350	Available online at OSU
	Fire Ecology		FES 440	Available online at OSU
	Restoration		FES/FW 445	Available online at OSU
	ty Conservation in Managed Forests		FES/FW 452	Available online at OSU
Agroforest			FES/NR 477	
	Wildland Fire		FOR 346	Available online at OSU
	e Principles		FOR 441	7.7.4.1.4.2.1.2.4.1.2.4.1.2.2.2
Land & W				
	ourse: Watershed Mgmt & Ecology	AGNR 64	FE LDT	
	d Processes	AGM 01	FE 430	Available online at OSU
	itershed Management		FE 434	Available offilite at 050
	d Watershed Management		FW 326	Available online at OSU
	er Ecology and Conservation		FW 456	Available online at OSU
			FW 479	Available online at OSU
	and Riparian Ecology			
	Energy, Water and the Environment		GEO 306	Available online at OSU
	Park Geology and Preservation		GEO 307	Available online at OSU
	ange and Earth Sciences		GEO 308	Available online at OSU
	on to Water Science & Policy		GEOG 340	Available online at OSU
	sources Management in the U.S.		GEOG 440	
	nal Water Resource Management		GEOG 441	Available online at OSU
	ater Shed Management		RND 355	Available online at OSU
	Ecohydrology and Management		RNG 455	Available online at OSU
	ns of Wildland Soils		SOIL 366	Available online at OSU
	ms and Plant Growth		SOIL 388	Available online at OSU
World Soil	l Resources		SOIL 395	Available online at OSU
Soil Morph	nology and Classification		SOIL 466	Available online at OSU
Range				
Wildland F	Fire Ecology		FES 440	Available online at OSU
Ecological	Restoration		FES/FW 445	Available online at OSU
Topics in \	Wildland Fire		FOR 346	Available online at OSU
	d Ecology and Management		RNG 341	Available online at OSU
	ology I – Grasslands		RNG 351	Available online at OSU
	ology II – Shrub Lands		RNG 352	Available online at OSU
	Restoration and Ecology		RNG 421	Available online at OSU
Rangeland			RNG 441	Available online at OSU
	d-Animal Relations		RNG 441 RNG 442	Available online at OSU
_			RNG 442 RNG 490	Available online at OSU
Vegetation	d Management and Planning		INING 450	Available of Illille at OOO
		ACND 6	EEC LDT	
	ourse: Native Plant ID	AGNR 6	FES LDT	
Plant Syst			BOT 321	
Agrostolog			BOT 414	
	o uncitic Northwort		BOT 425	
	ne Pacific Northwest			
Dendrolog	Э У		FES 241	Available online at OSU
Landscape	By e Plant Materials I: Decid & Conifers		HORT 226	Available online at OSU
Landscape Landscape	Э У			

NR Core Requirements (continued)			
Complete one course per category	Shasta Course	OSU Course	Notes
Wildlife Management			
Shasta Course: Wildlife Conservation & Mgmt	AGNR 70	FW LDT	
Introductory Population Dynamics	AGINIC 70	FW 320	Available online at OSU
Applied Community and Ecosystem Ecology		FW 321	Available online at OSU
Wildlife in Agricultural Ecosystems		FW 435	Available online at OSU
Avian Conservation and Management		FW 455	Available online at OSU
Biodiversity Conservation in Managed Forests		_	Available online at OSU
Mammal Conservation and Management		FES/FW 452 FW 458	Available online at OSU
Wildlife Ecology		FW 481	Available online at OSU
Animal Behavior		Z 350	Available online at OSU
Ethics & Philosophy			
Ecosystems Science of the PNW Indians		AG 301	Available online at OSU
Anthropology, Health, and the 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	
Multicultural Perspectives in NR		FW 340	Available online at OSU
Environmental Justice		GEO 309	Available online at OSU
Environmental History of the United States		HST 481	Available online at OSU
Critical Thinking for NR Challenges		NR 312	
Environmental Ethics		PHL 440	Available online at OSU
World View and Environmental Values		PHL/REL 443	Available online at OSU
Natural Resource Policy			
Environmental Law		AEC 432	Available online at OSU
Rural Development Economics & Policy		AEC 454	Available online at OSU
Public Lands Policy & Management		FES 486	Available online at OSU
Forest Policy		FOR 460	
Natural Resources Policy and Law		FOR 462	
Fish & Wildlife Law and Policy		FW 415	Available online at OSU
Introduction to Ocean Law		FW 422	Available online at OSU
U.S. Energy Policy		PS 473	Available online at OSU
Environmental Politics and Policy		PS 475	Available online at OSU
International Environmental Politics & Policy		PS 477	Available online at OSU
Political Issues		13 177	Available offine at 050
Shasta Course: Environmental Policy & Law	AGNR 12	NR LDT	Available online at OSU
Plaques, Pests, and Politics	AGINIC 12	ENT/HORT 300	Available offline at 050
Natural Resource Policy and Law		FOR 462	Available online at OSU
Endangered Spec, Society and Sustainability		FW 350	Available offilite at 030
When Science Escapes the Lab		NR 351	Available online at OSU
The Politics of Climate Change		PS 455	Available online at OSU
Environmental Politics and Policy		PS 475	Available online at OSU
Science and Politics		PS 476	Available online at OSU
		PS 476 PS 477	Available online at OSU
International Environmental Politics & Policy			Available offillite at USU
Wilderness Management		TRAL 352	
Resource Economics		AEC 3E1	Assettable as the set OCH
Natural Resource Economics and Policy		AEC 351	Available online at OSU
Environmental Economics and Policy		AEC/ECON 352	Available online at OSU
Rural Development Economics and Policy		AEC 454	Available online at OSU
Forest Resource Economics I		FOR 329	

NR Core Requirements (continued)	Shasta Course	OSU Course	Notes
Complete one course per category	J	000 000.00	
Social Issues			
Management for Multiple Resource Values		FES 355	Available online at OSU
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	
Resilience-Based Natural Resource Mgmt		GEOG 430	
Global Resource Development		GEOG 431	
When Science Escapes the Lab		NR 351	
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
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	
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 13	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 Conservation Law Enforcement Option Requirement **OSU Course Shasta Course Notes** Complete one course per category Measurements Field Sampling of Fish & Wildlife FW 255 Available online at OSU Wildlife Capture and Immobilization FW/VMB 328 Available online at OSU Advanced Interpersonal Communication **COMM 318** Available online at OSU Intercultural Communication **COMM 326** Intro to Fish & Wildlife Conservation FW 251 Available online at OSU ADJU 10 Intro to Crime & Justice SOC 241 Available online at OSU Recreation Resource Management TRAL 251 Available online at OSU Technical Writing WR 327 Available online at OSU Available online at OSU Science Writing WR 362 Resource Management - 2 classes req'd Biodiversity Conservation of Managed Forests FES/FW 452 Available online at OSU Coastal Ecology and Resource Management FW 426 Available online at OSU FW 451 Avian Conservation and Management Available online at OSU Mammal Conservation and Management FW 458 Available online at OSU Rangeland Ecology and Management **RNG 341** Available online at OSU Parks and Protected Areas **TRAL 357 TRAL 352** Wilderness Management Available online at OSU **Human Dimensions** FW 340 Multicultural Perspectives in NR Available online at OSU Human Dimensions in Fish & Wildlife Mgmt FW 439 Available online at OSU Contemporary Families in the U.S. **HDFS 201** Available online at OSU Family Violence and Neglect **HDFS 444** Available online at OSU Social Psychology PSY 360 Available online at OSU Sociology of the Family SOC 312 Available online at OSU Social Dimensions of Sustainability SOC 381 Available online at OSU Criminology and Penology SOC 441 Available online at OSU SOC 448 Law and Society

SUS 420

Available online at OSU

Social Dimensions of Sustainability

Requirement Complete one course per category	Shasta Course	OSU Course	Notes
Fish, Wildlife, and Environmental Law Environmental Law, Policy, and Economics Environmental Law Natural Resource Policy and Law Fish and Wildlife Law Enforcement Fish and Wildlife Law and Policy Introduction to Ocean Law	ADJU 30	AEC 253 AEC 432 FOR 462 FW 341 FW 415 FW 422	Available online at OSU Available online at OSU Available online at OSU Available online at OSU
Electives (11 credits minimum) Courses related to criminal justice, fish & Wildlife, forestry, recreation, anthropology, sociology, psychology, and natural resources.	ADJU 10, 15, 16, 18, 20, 21, 26, 46, CMST 20, PSYC 15, 17, 20, SOC 2, SOC 15, SOC 30		

General Education Courses (called the Baccalaureate Core)

· Complete one course in each Perspective category with no more than two in the same department.

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 HHS 231 & 241/PAC Course
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: Biology I Completed as part of major: Chemistry Completed as part of major: Biology II Choose one course from Bacc Core link above Choose one course from Bacc Core link above Completed as part of major: ECON 201 or AEC 250 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 visitosu.oregonstate.edu/visit-campus to schedule your personalized visit.

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OSU College of Forestry Prospective Student Advisor	Autumn Granger 541-737-9135 Autumn.granger@oregonstate.edu