

**SUSTAINABILITY DOUBLE DEGREE (CORVALLIS)
AY 2024-2025 CHECKLIST**

Sustainability Double Degree students must earn **32 credits** towards the SUS major and **212 total credits**.

View requirements in OSU Course Catalog here: <https://catalog.oregonstate.edu/college-departments/agricultural-sciences/sustainability-bs-hbs/#requirementstext>

*Offered only on Ecampus

^Offered only on Corvallis campus

+Offered on Corvallis Campus and Ecampus

SUSTAINABILITY CORE

Orientation to Sustainability+	SUS 200	(2)	___
Sustainability Assessment+	SUS 304	(4)	___
Sustainable Communities+	SUS 350	(4)	___
Sustainable Organizations+	SUS 450	(3)	___

Ecological Dimension of Sustainability

Intro to Natural Science and Sustainability+	SUS 102	(4)	___
OR Human Impacts on Ecosystems^	BI 301	(3)	___
OR Environmental Ecology^	BI 306H	(3)	___

Social Dimension of Sustainability

Sustainability, Justice, and Engagement*	SUS 331	(3)	___
OR Social Dimensions of Sustainability*	SUS 420	(3)	___
OR Social Dimensions of Sustainability+	SOC 381	(4)	___
OR Environmental Sociology+	SOC 480	(4)	___
OR Society and Natural Resources*	SOC 481	(4)	___

Economic Dimension of Sustainability

Intro to Environmental Economics and Policy+	AEC 250	(4)	___
OR Natural Resource Economics and Policy+	AEC 351	(3)	___
OR Environmental Economics and Policy+	AEC 352/ECON 352	(3)	___

Experiential Learning (Practicum)

Research, Study Abroad, or Exam+	SUS 401	(3-6)	___
Internship or Alternative Break+	SUS 410	(3-6)	___

***Note:** Students must consult academic advisor before planning for this requirement.

SUSTAINABILITY ELECTIVES (1-7 credits required) Students need enough elective credits to reach 32 total credits for the SUS major.

***Note:** Individual courses may have restrictions or pre-requisites. Please see Schedule of Classes for more information: classes.oregonstate.edu

College of Agricultural Sciences

Intro to Climate Change Economics and Policy+	AEC 122	(3)	___
Global Poverty and Sustainable Development	AEC 243	(3)	___
Intro to Environmental Economics and Policy+	AEC 250	(4)	___
Environmental Law, Policy, and Economics+	AEC 253	(4)	___
Natural Resource Economics and Policy+	AEC 351	(3)	___
Environmental Economics and Policy+	AEC 352/ECON 352	(3)	___
Intro to Coastal and Marine Resource Econ*	AEC 353	(3)	___
Intro to Food Systems: Local and Global+	AEC 411	(3)	___
Benefit-Cost Analysis+	AEC 434	(4)	___
Ecosystem Science of Pacific NW Indians+	AG 301	(3)	___
Energy Technology and Social Change	BRR 325	(3)	___
Intro to Sustainable Food Processing^	FST 327	(3)	___
Food and Climate Change	FST 455	(3)	___
Principles of Fish and Wildlife Conservation+	FW 251	(3)	___
Survey of Geographic Info Systems in Nat Res*	FW 303	(3)	___
Applied Community and Ecosystem Ecology+	FW 321	(3)	___
Food from the Sea+	FW 324	(3)	___
Global Crises in Resource Ecology*	FW 325	(3)	___
Integrated Watershed Management*	FW 326	(3)	___
Multicultural Perspectives in Natural Resources+	FW 340	(3)	___
Endangered Species, Society and Sustainability+	FW 350	(3)	___
Wildlife in Agricultural Ecosystems+	FW 435	(3)	___
Ecosystem Services*	FW 462	(3)	___
Social Impacts of Science*	HORT 217	(3)	___
Organic Farming and Gardening+	HORT 260	(3)	___
Permaculture Design and Theory: Cert Course+	HORT 285	(3)	___
Personal Leadership Development+	LEAD 242	(3)	___
Team and Organizational Leadership+	LEAD 342	(3)	___
Principles of Rangeland Ecology and Management+	RNG 341	(3)	___
Rangeland Restoration and Management+	RNG 421	(4)	___
Introduction to Climate Change+	SUS 103	(4)	___
Ag and Enviro Predicaments: Case Study Approach^	SUS 325	(3)	___
Sustainability, Justice, and Engagement*	SUS 331	(3)	___

College of Business

Managing Organizations+	BA 351/251	(4)	___
OR Managing Individual and Team Performance+	BA 352	(4)	___
Managing Ethics and Corporate Social Responsibility+	BA 354	(4)	___
Environmental Law, Sustainability, and Business	BA 432	(3)	___
Integrative Strategic Experience+	BA 466	(4)	___
Building Construction and Materials^	DSGN 383	(3)	___
Global Sourcing of Textiles, Apparel, Footwear+	DSGN 475	(4)	___
Leadership+	MGMT 452	(4)	___

College of Earth, Ocean, and Atmospheric Sciences

Climate Science+	ATS 201	(4)	___
Snow, Smoke, and Storms: Climate Impacts PNW+	ATS 341	(3)	___
Minerals, Energy, Water and the Environment+	GEO 306	(3)	___
Global Warming: Science, Impacts, and Solutions^	GEO 332	(3)	___
Climate Justice+	GEOG 100	(3)	___
Transforming Environmental Conflicts^	GEOG 241	(3)	___
Land Use Planning for Sustainable Communities+	GEOG 250	(3)	___
Sustainability for the Common Good+	GEOG 300	(3)	___
Ecological Biogeography^	GEOG 324	(4)	___
Geography of Int'l Development and Globalization	GEOG 330	(3)	___
Population, Consumption, and Environment	GEOG 331	(3)	___
Climate and Health	GEOG/H 332	(3)	___
Environmental Justice+	GEOG 333	(3)	___
Introduction to Water Science and Policy+	GEOG 340	(3)	___
GIScience I: Geo Info Systems and Theory+	GEOG 360	(4)	___
Resilience-Based Natural Resource Management	GEOG 430	(3)	___
Conflict, Cooperation, and Control of Water in US+	GEOG 440	(3)	___
The World's Water^	GEOG 441	(3)	___
Planning Principles and Practices for Resilient Comm^	GEOG 451	(4)	___
Environmental Assessment*	GEOG 452/ENSC 452	(3)	___
Oceans, Coasts, and People+	OC 333	(3)	___

College of Engineering

Fundamentals of Ecological Engineering^	BEE 221	(3)	___
Biosystems Analysis and Modeling^	BEE 320	(4)	___
Ecological Engineering: Thermodynamics/Transfer^	BEE 322	(4)	___
Green Building Materials+	CCE 422	(3)	___
Conventional and Alternative Energy Systems^	CHE 450	(3)	___
Solar Energy Technologies^	CHE 451	(3)	___
Electric and Hybrid Vehicles	ECE 438	(4)	___
Sustainable Engineering+	ENGR 350	(3)	___
Environmental Engineering Fundamentals^	ENVE 321	(4)	___
Fundamentals of Environmental Engineering^	ENVE 322	(4)	___
Energy Regulation (<i>offered at Cascades</i>)	ESE 355	(4)	___
Energy Consumption Analysis (<i>offered at Cascades</i>)	ESE 360	(4)	___
Innovation for Social Impact^	HEST 201	(3)	___
Engineering for Global Health Solutions*	HEST 320	(3)	___
Multidisciplinary Case Studies: Hum Engineering*	HEST 412	(3)	___
System Dynamics Modeling for Hum Engineering	HEST 462	(3)	___

College of Forestry

Forest Ecology+	FES 341	(3)	___
Issues in Natural Resources Conservation*	FES 365	(3)	___
Forest as Classroom*	FES 430	(4)	___
Genes and Chemicals in Agriculture: Value and Risk^	FES 435/TOX 435	(3)	___

Ecological Restoration+	FES 445	(4)	___
Urban Forest Planning, Policy, and Management*	FES 455/HORT 455	(4)	___
Agroforestry	FES 477/NR 477	(3)	___
Consensus and Natural Resources+	FES 485	(3)	___
Public Lands Policy and Management+	FES 486	(3)	___
Topics in Wildland Fire+	FOR 346	(3)	___
Managing Natural Resources for the Future+	NR 201	(3)	___
Natural Resource Problems and Solutions+	NR 202	(3)	___
Critical Thinking for Natural Resource Challenges^	NR 312	(3)	___
When Science Escapes the Lab^	NR 351	(3)	___
Outdoor Recreation Management on Public Lands^	TRAL 351	(3)	___
Wilderness Management*	TRAL 352	(3)	___
Communities, Natural Areas, Sustainable Tourism^	TRAL 354	(3)	___
Wood Innovations for Sustainability^	WSE 111	(2)	___
Biology, Structure, Utilization of Woody Plants^	WSE 210	(4)	___
Hempology: The Industrial Hemp Story*	WSE 266	(3)	___
Evaluating Sustainability through Life Cycle Analysis*	WSE 385	(3)	___
Bamboolooza: The Fascinating World of Bamboo*	WSE 392	(3)	___

College of Health

Global Public Health+	H 333	(3)	___
Foundations of Environmental Health+	H 344	(3)	___
Global Environmental Health+	H 388	(3)	___

College of Liberal Arts

Anthropology, Health, and Environment*	ANTH 352	(3)	___
Food Justice+	ANTH 361/FCSJ 361	(4)	___
Ecological Anthropology+	ANTH 477	(4)	___
Natural Resources and Community Values+	ANTH 481	(3)	___
Anthropology of International Development (<i>Cascades</i>)	ANTH 482	(4)	___
Theories of Conflict and Conflict Management^	COMM 440	(3)	___
Bargaining and Negotiation Processes	COMM 442	(3)	___
Introduction to Macroeconomics+	ECON 202	(4)	___
Economics of Traditional and Renewable Energy+	ECON 466	(4)	___
Perspectives in Environmental Arts and Humanities*	EAH 411	(4)	___
Studies in American Lit, Culture, and Environment	ENG 482	(4)	___
Environmental History of the United States+	HST 481	(4)	___
Introduction to Nonprofit Management*	NMC 311	(3)	___
Scientific Reasoning*	PHL 325	(4)	___
Environmental Ethics^	PHL 440	(3)	___
World Views and Environmental Values+	PHL 443/REL 443	(3)	___
Energy, Climate, and Society+	PPOL 441/SOC 482	(4)	___
State and Local Politics+	PS 331	(4)	___
Sustainable Living: Practices and Policies*	PS 374	(4)	___
The Politics of Climate Change+	PS 455	(4)	___
Environmental Politics and Policy+	PS 475	(4)	___

International Environmental Politics and Policy*	PS 477	(4)	___
Conservation Psychology+	PSY 492	(4)	___
Population Trends and Policy+	SOC 360	(4)	___
Social Dimensions of Sustainability+	SOC 381	(4)	___
Environmental Sociology+	SOC 480	(4)	___
Society and Natural Resources*	SOC 481	(4)	___
Women and Natural Resources*	WGSS 440	(3)	___

College of Science

Human Impacts on Ecosystems^	BI 301	(3)	___
Environmental Ecology	BI 306H	(3)	___
Oceans in Peril+	BI 347	(3)	___
Human Ecology*	BI 348	(3)	___
Marine Ecology+	BI 351	(3)	___
Ecology+	BI 370	(3)	___
Environmental Chemistry*	CH 390	(3)	___
Disease and Society*	MB 330	(3)	___
Energy Alternatives+	PH 313	(3)	___
Biodiversity: Causes, Consequences, Conservation+	Z 349	(3)	___