



Tourism, Recreation & Adventure Leadership

<http://fes.forestry.oregonstate.edu/undergraduate-programs/tourism-recreation-and-adventure-leadership>

Students in the TRAL major must complete the TRAL Core courses and all the requirements for one of the TRAL options:

- Adventure Leadership Education (Bend)
- Nature, Eco & Adventure Tourism (Bend)
- Outdoor Recreation Management (Corvallis)
- Sustainable Tourism Management (Corvallis)

In addition to courses that fulfill the TRAL Core and Option requirements, students should be completing courses to fulfill [OSU's Baccalaureate Core](#) (general education curriculum). Major requirements that also fulfill Baccalaureate Core are marked with an asterisk (*).

TRAL Core (one course per category)	OSU Course	Umpqua CC Course
Public Speaking	COMM 111*	SP 111
Argument & Critical Discourse	COMM 114*	SP 112
Computing Applications in Forestry	FOR 112	FOR/ENGR 112
Wilderness Management	FES 352	Available online
Parks & Protected Areas Management	FES 357	
Ecological Aspects of Park Management	FES 444	
Nature, Eco, and Adventure Tourism	FES 353	
Research Methods in Social Science	FES 422	
Consensus and Natural Resources	FES 485*	Available online
Natural Resources and Community Values	ANTH 481*	Available online
Multicultural Perspectives in Natural Resources	FW 340*	
Endangered Species, Society, and Sustainability	FW 350*	Available online
Society and Natural Resources	SOC 481*	Available online
Women and Natural Resources	WGSS 440*	Available online
Environmental Interpretation	FES 493	Available online
Sustainable Communities	SUS 350	Available online
English Composition	WR 121*	WR 121

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Outdoor Recreation Management Option (one course per category)	OSU Course	Chemeketa CC Course
Introduction to Microeconomics or Intro to Environmental Economics & Policy	ECON 201* or AEC 250*	ECON 201 Available online
Forest Biology Biodiversity Conservation in Managed Forests Forest Ecology Wildland Fire Ecology	FES 240* FES 352 FES 341 FES 440	FOR/NR 240 Available online Available online Available online
Recreation Resource Management	FES 251	FOR/NR 261
Outdoor Recreation Management on Public Lands	FES 351	
Communities, Nat. Areas, and Sustainable Tourism	FES 354	
Natural Resource Economics & Policy	AEC 351	Available online
Planning for Sustainable Recreation	FES 456	
Consensus and Natural Resources Collaboration and Conflict Management	FES 485* FES 360	Available online
Forest Policy Leadership Development Environmental Case Studies	FOR 460* AG 421* ENSC 479*	Available online Available online
Principles of Fish & Wildlife Conservation	FW 251	NR 251
GIS & Forest Engineering Applications GIScience I: Geographic Info Systems and Theory Survey of GIS in Natural Resources	FE 257 GEOG 360 FW 303	GIS 124 or FOR/GIS 234 Available online Available online
Sustainable Site Planning	GEOG 452	
Introduction to Forestry Managing Natural Resources for the Future Natural Resources Problems & Solutions	FOR 111 NR 201 NR 202	FOR/NR 201 FOR/NR 201
International Environmental Politics & Policy Forest Policy Environmental Law Natural Resource Policy & Law	PS 477 FOR 460* AEC 432 FOR 462	Available online Available online
Principles of Statistics	ST 202	Available online

Sustainable Tourism Management Option (one course per category)	OSU Course	Umpqua CC Course
Introduction to Entrepreneurism	BA 260	Available online
Environmental Law, Sustainability, and Business	BA 432	
Principles of Macroeconomics	ECON 202*	ECON 202
Recreation Resource Management	FES 251	FOR/NR 261
Communities, Nat. Areas, and Sustainable Tourism	FES 354	
Rural Development Economics and Policy Economics & Policy of Forest Wildland Fire	AEC 454* FOR 431	Available online
Planning for Sustainable Tourism	FES 457	
Consensus and Natural Resources Collaboration and Conflict Management	FES 485* FES 360	Available online
Forest Policy Leadership Development Environmental Case Studies	FOR 460* AG 421* ENSC 479*	Available online Available online
GIS & Forest Engineering Applications GIScience I: Geographic Info Systems and Theory Survey of GIS in Natural Resources	FE 257 GEOG 360 FW 303	GIS 134 or FOR/GIS 234 Available online Available online
Land Use in the American West	GEOG 450	
Planning Principles and Practices for Resilient Communities	GEOG 451	
Sustainable Site Planning	GEOG 452	
Introduction to Forestry Managing Natural Resources for the Future Natural Resources Problems & Solutions	FOR 111 NR 201 NR 202	FOR/NR 201 FOR/NR 201
International Environmental Politics & Policy Forest Policy Environmental Law Natural Resource Policy & Law	PS 477 FOR 460* AEC 432 FOR 462	Available online Available online
Principles of Statistics	ST 202	Available online

Umpqua Community College courses that fulfill OSU's Baccalaureate Core requirements:

<http://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-umpqua-community-college>

OSU Baccalaureate Core (Complete one course from each category)	OSU Course	Transfer Course
Writing I	WR 121 English Composition	WR 121
Writing II	Choose one course from link above	
Speech	COMM 111 Public Speaking COMM 114 Argument & Critical Discourse	SP 111 or SP 112
Mathematics	MTH 105 or higher	Fulfilled by major requirements
Fitness	HHS 231 Lifetime Fitness for Health HHS 241 Lifetime Fitness	HPE 295
Physical Science with Lab	Choose one course from link above	
Biological Science with Lab	Choose one course from link above	
Additional Science with Lab	Choose one course from link above	
Western Culture	Choose one course from link above	
Cultural Diversity	Choose one course from link above	
Literature & Arts	Choose one course from link above	
Social Processes & Institutions	ECON 201 or ECON 202	ECON 201 or ECON 202
Difference, Power, Discrimination	Choose one course from link above	
Contemporary Global Issues	Upper-division course required	Must be completed at OSU
Science, Technology, Society	Upper-division course required	Must be completed at OSU
Writing Intensive Course – major specific	Upper-division course required	Must be completed at OSU