

TOURISM, RECREATION, AND ADVENTURE LEADERSHIP UNDERGRADUATE MAJOR (BS, HBS)

This major offers the following option(s):

- Adventure Leadership Education (<http://catalog.oregonstate.edu/college-departments/forestry/forest-ecosystems-society/tourism-recreation-adventure-leadership-bs-hbs/adventure-leadership-education-option/>)
- Nature, Eco, and Adventure Tourism (<http://catalog.oregonstate.edu/college-departments/forestry/forest-ecosystems-society/tourism-recreation-adventure-leadership-bs-hbs/nature-eco-adventure-tourism-option/>)
- Outdoor Recreation Management (<http://catalog.oregonstate.edu/college-departments/forestry/forest-ecosystems-society/tourism-recreation-adventure-leadership-bs-hbs/outdoor-recreation-management-option/>)
- Sustainable Tourism Management (<http://catalog.oregonstate.edu/college-departments/forestry/forest-ecosystems-society/tourism-recreation-adventure-leadership-bs-hbs/sustainable-tourism-management-option/>)

Also available at OSU-Cascades.

The Bachelor of Science (BS) in Tourism, Recreation and Adventure Leadership (TRAL) explores the importance of tourism and recreation in natural settings for community development, human health and quality of life, and the sustainable use of natural resources. Students will learn about management practices and public preferences to address contemporary tourism, recreation and outdoor leadership opportunities, and issues in natural settings. Studies include decision making within applicable laws and across cultural contexts, as well as communication to a variety of audiences, and successful supervision of employees and volunteers. The TRAL program covers best practices for planning, developing, and managing recreation resources in natural settings. Students learn to evaluate and integrate experiential, economic, biophysical, and social concepts. They study interaction across natural resources and the consequences of development, management, and marketing decisions.

The following two options are available to Corvallis-based students majoring in TRAL:

1. Outdoor Recreation Management
2. Sustainable Tourism Management

The following two options are available to Cascades-campus students majoring in TRAL:

1. Nature, Eco and Adventure Tourism
2. Adventure Leadership Education

Major Code: 872

- Explain the importance of tourism and recreation in natural settings for achieving societal goals, such as community development, human health and quality of life, and sustainable use of natural resources.

- Identify, analyze, and apply the best available information on science, management practices, and public preferences to address contemporary tourism, recreation, and outdoor leadership opportunities and issues.
- Make tourism, recreation, and outdoor leadership decisions within applicable laws, policies, and regulations and across cultural and national contexts.
- Communicate effectively with a variety of audiences in appropriate formats.
- Work effectively and professionally in groups, both as leaders and followers.
- Understand principles and methods for successful supervision of employees and/or volunteers.

Completion of an approved option is required for the Tourism, Recreation, and Adventure Leadership degree. Declaration of the option must be done by the end of the sophomore year, or at least six (6) terms prior to graduation. Courses for an option are in addition to the core curriculum. Some courses may require prerequisites not included in the core curriculum.

- All students pursuing the BS in TRAL must earn grades of C or better in all courses for the major (or approved substitutions)
- All students pursuing the BS in TRAL must complete at least six months of work experience related to the major

Code	Title	Credits
COMM 111	*PUBLIC SPEAKING	3
or COMM 114	*ARGUMENT AND CRITICAL DISCOURSE	
FES 422	RESEARCH METHODS IN SOCIAL SCIENCE	4
Select one course from the following:		3-4
ANTH 481	*NATURAL RESOURCES AND COMMUNITY VALUES	
FES 485	*CONSENSUS AND NATURAL RESOURCES	
FW 340	*MULTICULTURAL PERSPECTIVES IN NATURAL RESOURCES	
FW 350	*ENDANGERED SPECIES, SOCIETY AND SUSTAINABILITY	
SOC 481	*SOCIETY AND NATURAL RESOURCES	
WGSS 440	*WOMEN AND NATURAL RESOURCES	
FES 202	SOFTWARE TOOLS IN QUANTITATIVE SOCIAL SCIENCE RESEARCH	3
TRAL 493	ENVIRONMENTAL INTERPRETATION	4
ST 201	PRINCIPLES OF STATISTICS	4
SUS 350	*SUSTAINABLE COMMUNITIES	4
TRAL 353	NATURE, ECO, AND ADVENTURE TOURISM	4
TRAL 357	*PARKS AND PROTECTED AREAS MANAGEMENT	3
or FES 444	ECOLOGICAL ASPECTS OF PARK MANAGEMENT	
or TRAL 352	WILDERNESS MANAGEMENT	
WR 121	*ENGLISH COMPOSITION	3
Total credits required for graduation is 180		
Total Credits		35-36

* Baccalaureate Core Course (BCC)

^ Writing Intensive Course (WIC)

Major Code: 872

Adventure Leadership Education Option

First Year		Credits
Fall		
ALS 199	SPECIAL TOPICS	2
MTH 105 or MTH 111	*INTRODUCTION TO CONTEMPORARY MATHEMATICS or *COLLEGE ALGEBRA	3-4
TRAL 110/PAC 110	INTRODUCTION TO WHITE WATER KAYAKING	2
TRAL 111/PAC 111	INTRODUCTION TO CANOEING	2
WR 121	*ENGLISH COMPOSITION	4
TRAL 130	INTRODUCTION TO OUTDOOR AND ADVENTURE PROFESSIONS	3
Credits		17
Winter		
COMM 111	*PUBLIC SPEAKING	3
WR 222	*ENGLISH COMPOSITION	3
TRAL 132	*FOUNDATIONS AND HISTORY OF OUTDOOR AND ADVENTURE PROFESSIONS	3
Bacc Core, Social Process & Institutions		4
Elective		3
Credits		16
Spring		
HHS 231	*LIFETIME FITNESS FOR HEALTH	2
Bacc Core, Physical Science		4
TRAL 115/PAC 115	OUTDOOR LIVING SKILLS	2
TRAL 118/PAC 118	LABORATORY FOR OUTDOOR LIVING SKILLS	1
TRAL 173/PAC 173	INTERMEDIATE ROCK CLIMBING	2
Bacc Core: Literature Arts		4
Credits		15
Second Year		
Fall		
TRAL 215	GROUP FACILITATION	4
TRAL 260	INTERMEDIATE PADDLESPORT	2
Bacc Core, Bio Science		4
Bacc Core, Diff, Power, Discrmin		4
Credits		14
Winter		
TRAL 352	WILDERNESS MANAGEMENT	3
ST 201	PRINCIPLES OF STATISTICS	4
Bacc Core, Cultural Diversity		3
Elective		1
Elective		4
Credits		15
Spring		
TRAL 218	ROCK SITE MANAGEMENT	2
TRAL 280	OUTDOOR LEADERSHIP FUNDAMENTALS	3
FES 202	SOFTWARE TOOLS IN QUANTITATIVE SOCIAL SCIENCE RESEARCH	3
FES 422	RESEARCH METHODS IN SOCIAL SCIENCE	4
Elective		3
Credits		15
Third Year		
Fall		
TRAL 309	CERTIFICATION PRACTICUM	2
TRAL 375	*EXPERIENTIAL EDUCATION	4
TRAL 353	NATURE, ECO, AND ADVENTURE TOURISM	4
Bacc Core, Additional Science		4
Credits		14
Winter		
TRAL 270	PRE-INTERNSHIP SEMINAR	1
TRAL 370	DESIGN AND MANAGEMENT OF OUTDOOR EXPERIENCES	4
TRAL 493	ENVIRONMENTAL INTERPRETATION	4

FW 350	*ENDANGERED SPECIES, SOCIETY AND SUSTAINABILITY	3
Elective		3
Credits		15
Spring		
TRAL 377	EXPEDITIONS I WATER	5
TRAL 379	EXPEDITIONS II-LAND	10
Credits		15
Summer		
TRAL 410	INTERNSHIP	6
Credits		6
Fourth Year		
Fall		
TRAL 374	OUTDOOR ADVENTURE EDUCATION	3
SUS 350	*SUSTAINABLE COMMUNITIES	4
Elective		3
Elective		4
Credits		14
Winter		
TRAL 476	RISK MANAGEMENT IN TOURISM, RECREATION, AND ADVENTURE LEADERSHIP	3
TRAL 479	*NATURE AND THE HUMAN EXPERIENCE	3
Elective		3
Elective		3
Credits		12
Spring		
Elective		3
Elective		3
Elective		3
Elective		3
Credits		12
Total Credits		180

Nature, Eco, and Adventure Tourism Option

First Year		Credits
Fall		
ALS 199	SPECIAL TOPICS (Elective)	2
MTH 111	*COLLEGE ALGEBRA	4
TRAL 110/PAC 110	INTRODUCTION TO WHITE WATER KAYAKING	2
TRAL 111/PAC 111	INTRODUCTION TO CANOEING	2
WR 121	*ENGLISH COMPOSITION	4
TRAL 130	INTRODUCTION TO OUTDOOR AND ADVENTURE PROFESSIONS	3
Credits		17
Winter		
COMM 111	*PUBLIC SPEAKING	3
WR 222	*ENGLISH COMPOSITION	3
TRAL 132	*FOUNDATIONS AND HISTORY OF OUTDOOR AND ADVENTURE PROFESSIONS	3
Bacc Core, Literature & The Arts		4
Elective (PAC 199 Rock Climbing, needed for TRAL 173)		1
Credits		14
Spring		
HHS 231	*LIFETIME FITNESS FOR HEALTH	2
Bacc Core, Physical Science		4
TRAL 115/PAC 115	OUTDOOR LIVING SKILLS	2
TRAL 118/PAC 118	LABORATORY FOR OUTDOOR LIVING SKILLS	1
TRAL 173/PAC 173	INTERMEDIATE ROCK CLIMBING	2
Elective		3
Credits		14

Second Year

Fall		
TRAL 215	GROUP FACILITATION	4
ECON 201	*INTRODUCTION TO MICROECONOMICS	4
BA 260	INTRODUCTION TO ENTREPRENEURSHIP	4
TRAL 260 or TRAL 218	INTERMEDIATE PADDLESPORT or ROCK SITE MANAGEMENT	2
Credits		14

Winter		
TRAL 352	WILDERNESS MANAGEMENT	3
ST 201	PRINCIPLES OF STATISTICS	4
Bacc Core, Cultural Diversity		3
Elective		1
Elective		4
Credits		15

Spring		
TRAL 280	OUTDOOR LEADERSHIP FUNDAMENTALS	3
FES 202	SOFTWARE TOOLS IN QUANTITATIVE SOCIAL SCIENCE RESEARCH	3
FES 422	RESEARCH METHODS IN SOCIAL SCIENCE	4
Bacc Core, Additional Science		4
Credits		14

Third Year

Fall		
TRAL 353	NATURE, ECO, AND ADVENTURE TOURISM	4
TRAL 375	*EXPERIENTIAL EDUCATION	4
BA 352	MANAGING INDIVIDUAL AND TEAM PERFORMANCE	4
Bacc Core, Biological Science		4
Credits		16

Winter		
TRAL 270	PRE-INTERNSHIP SEMINAR	1
TRAL 370	DESIGN AND MANAGEMENT OF OUTDOOR EXPERIENCES	4
FW 350	*ENDANGERED SPECIES, SOCIETY AND SUSTAINABILITY	3
TRAL 309	CERTIFICATION PRACTICUM	2
Elective		3
Credits		13

Spring		
BA 315	ACCOUNTING FOR DECISION MAKING	4
TRAL 493	ENVIRONMENTAL INTERPRETATION	4
Bacc Core, Difference, Power, and Discrimination		4
Elective		3
Credits		15

Summer		
TRAL 410	INTERNSHIP	6
Credits		6

Fourth Year

Fall		
BA 390	PRINCIPLES OF MARKETING	4
SUS 350	*SUSTAINABLE COMMUNITIES	4
Elective		4
Elective		3
Credits		15

Winter		
TRAL 476	RISK MANAGEMENT IN TOURISM, RECREATION, AND ADVENTURE LEADERSHIP	3
TRAL 479	*NATURE AND THE HUMAN EXPERIENCE	3
Elective		4
Elective		3
Credits		13

Spring		
Elective		4
Elective		4

Elective	4
Elective	2
Credits	14
Total Credits	180

Outdoor Recreation Management Option

First Year		
Fall		
		Credits
WR 121	*ENGLISH COMPOSITION	4
FOR 111 or NR 201	INTRODUCTION TO FORESTRY or *MANAGING NATURAL RESOURCES FOR THE FUTURE	3
FES 240	*FOREST BIOLOGY	4
TRAL 251	RECREATION RESOURCE MANAGEMENT	4
Credits		15

Winter		
COMM 111 or COMM 114	*PUBLIC SPEAKING or *ARGUMENT AND CRITICAL DISCOURSE	3
AEC 250	*INTRODUCTION TO ENVIRONMENTAL ECONOMICS AND POLICY	3
MTH 111	*COLLEGE ALGEBRA	4
FW 251	PRINCIPLES OF FISH AND WILDLIFE CONSERVATION	3
HHS 231	*LIFETIME FITNESS FOR HEALTH	2
Credits		15

Spring		
Bacc Core, Physical Science		5
Bacc Core, WR II		3
Bacc Core, Western Culture		3
Elective		3
Credits		14

Second Year		
Fall		
		Credits
TRAL 353	NATURE, ECO, AND ADVENTURE TOURISM	4
ST 201	PRINCIPLES OF STATISTICS	4
BaccCore, Bio/Phys Science		5
Bacc Core, Cultural Diversity		3
Credits		16

Winter		
SUS 350	*SUSTAINABLE COMMUNITIES	4
TRAL 351	OUTDOOR RECREATION MANAGEMENT ON PUBLIC LANDS	3
TRAL 354	COMMUNITIES, NATURAL AREAS, AND SUSTAINABLE TOURISM	3
Bacc Core, Literature and the Arts		3
PAC, Physical Activity Course		1
Credits		14

Spring		
AEC 351	*NATURAL RESOURCE ECONOMICS AND POLICY	3
FW 340	*MULTICULTURAL PERSPECTIVES IN NATURAL RESOURCES	3
ST 202	PRINCIPLES OF STATISTICS	4
Elective		3
Elective		3
Credits		16

Third Year		
Fall		
		Credits
TRAL 352 or TRAL 357	WILDERNESS MANAGEMENT or *PARKS AND PROTECTED AREAS MANAGEMENT	3
Elective		3
Elective		3
Elective		3

Elective		3
Credits		15
Winter		
FES 485	*CONSENSUS AND NATURAL RESOURCES	3
FES 422	RESEARCH METHODS IN SOCIAL SCIENCE	4
FES 202	SOFTWARE TOOLS IN QUANTITATIVE SOCIAL SCIENCE RESEARCH	3
Elective		4
Credits		14
Spring		
TRAL 493	ENVIRONMENTAL INTERPRETATION	4
FW 303 or GEOG 360	SURVEY OF GEOGRAPHIC INFORMATION SYSTEMS IN NATURAL RESOURCE or GISCIENCE I: GEOGRAPHIC INFORMATION SYSTEMS AND THEORY	3-4
Elective		3
Elective		3
Elective		3
Credits		17
Fourth Year		
Fall		
FOR 462 or AEC 432	NATURAL RESOURCE POLICY AND LAW or ENVIRONMENTAL LAW	3-4
Elective		3
Elective		4
Elective		3
Credits		14
Winter		
GEOG 452	ENVIRONMENTAL ASSESSMENT	3
TRAL 456	PLANNING FOR SUSTAINABLE RECREATION	4
FOR 460	*FOREST POLICY	4
Elective		3
Credits		14
Spring		
Upper-Division Elective Course		4
Elective		4
Elective		3
Elective		3
Elective		2
Credits		16
Total Credits		180

Bacc Core, Western Culture		3
Bacc Core, WR II		3
Elective		3
Elective		3
Credits		16
Summer		
Work experience, volunteer, or internship		
Credits		0
Second Year		
Fall		
TRAL 353	NATURE, ECO, AND ADVENTURE TOURISM	4
ST 201	PRINCIPLES OF STATISTICS	4
Bacc Core, Cultural Diversity		3
Elective		5
Credits		16
Winter		
SUS 350	*SUSTAINABLE COMMUNITIES	4
TRAL 354	COMMUNITIES, NATURAL AREAS, AND SUSTAINABLE TOURISM	3
PAC: Physical Activity Course		1
Bacc Core, Literature & The Arts		3
Bacc Core, Bio/Phys Science		5
Credits		16
Spring		
FW 340	*MULTICULTURAL PERSPECTIVES IN NATURAL RESOURCES	3
ST 202	PRINCIPLES OF STATISTICS	4
Bacc Core, Physical Science		4
Elective		4
Credits		15
Summer		
Work experience, volunteer, or internship		
Credits		0
Third Year		
Fall		
TRAL 352 or TRAL 357	WILDERNESS MANAGEMENT or *PARKS AND PROTECTED AREAS MANAGEMENT	3
GEOG 450	LAND USE IN THE AMERICAN WEST	3
BA 260	INTRODUCTION TO ENTREPRENEURSHIP (Elective Course)	4
Elective		5
Credits		15
Winter		
FES 485	*CONSENSUS AND NATURAL RESOURCES	3
FES 422	RESEARCH METHODS IN SOCIAL SCIENCE	4
FES 202	SOFTWARE TOOLS IN QUANTITATIVE SOCIAL SCIENCE RESEARCH	3
Elective		4
Credits		14
Spring		
GEOG 360	GISCIENCE I: GEOGRAPHIC INFORMATION SYSTEMS AND THEORY	4
TRAL 493	ENVIRONMENTAL INTERPRETATION	4
Elective		3
Elective		3
Credits		14
Summer		
Work experience, volunteer, or internship		
Credits		0
Fourth Year		
Fall		
FOR 462	NATURAL RESOURCE POLICY AND LAW	3

Sustainable Tourism Management Option

First Year		
Fall		
WR 121	*ENGLISH COMPOSITION	4
FOR 111 or NR 201	INTRODUCTION TO FORESTRY or MANAGING NATURAL RESOURCES FOR THE FUTURE	3
TRAL 251	RECREATION RESOURCE MANAGEMENT	4
Bacc Core, Biological Science		4
Credits		15
Winter		
COMM 111 or COMM 114	*PUBLIC SPEAKING or *ARGUMENT AND CRITICAL DISCOURSE	3
MTH 111	*COLLEGE ALGEBRA	4
HHS 231	*LIFETIME FITNESS FOR HEALTH	2
Elective		3
Elective		3
Credits		15
Spring		
ECON 202	*INTRODUCTION TO MACROECONOMICS	4

GEOG 451	PLANNING PRINCIPLES AND PRACTICES FOR RESILIENT COMMUNITIES	4
Elective		3
Elective		3
Elective		3
Credits		16
Winter		
FOR 460	*FOREST POLICY	4
AEC 454	RURAL DEVELOPMENT ECONOMICS AND POLICY	3
GEOG 452	ENVIRONMENTAL ASSESSMENT	3
Elective		4
Credits		14
Spring		
TRAL 457	PLANNING FOR SUSTAINABLE TOURISM	4
AEC 432	ENVIRONMENTAL LAW	4
Elective		3
Elective		3
Credits		14
Total Credits		180