

Recreation Resource Management



Undergraduate Studies 2015-16

College of Forestry – Oregon State University – Corvallis, OR
Rev 4/16/2015

**DISCLAIMER: Content in this guide is continually updated.
Check the web frequently for current course information at:**

<http://catalog.oregonstate.edu/>

Advising Rights and Responsibilities

The College of Forestry is committed to helping students succeed. Each student is assigned an advisor within their academic department to assist with appropriate course selection, explain program options in line with student interests, and provide information about mentoring and other professional opportunities. In addition, advising personnel in the College Student Services office are a valuable resource for information and assistance regarding University rules and regulations, petitions, job placement, national and international exchange programs, and referrals to University programs and resources.

The advising effort is one of mutual respect and collaboration between you and your advisor. If the process is to be effective both you and your advisor must meet certain obligations. With that in mind, here are some key responsibilities for your relationship.

As an advisee, you should:

- Understand and accept that you are ultimately responsible for your education and your own decisions.
- See your advisor each term to receive your registration PIN#. You will need a new PIN# each term.
- Be prepared when you come to advising sessions. Be active in your advising session and ask questions when you have them.
- Provide accurate and truthful information when being advised.
- Initiate a purposeful relationship with your advisor and make appointments when necessary or when in need of assistance.
- Keep your local address and phone up-to-date in Student Online Services and utilize and regularly checking your ONID account.
- Call or email to cancel appointments that cannot be kept.
- Learn and understand OSU's policies, procedures, and requirements as they relate to your academic success and/or degree completion.
- Follow through on plans-of-action identified during advising sessions.

Advisors should:

- Develop a purposeful relationship with and be an advocate for their advisees.
- Inform students of the nature of the advisor/advisee relationship.
- Assist students in defining and developing education, career and life plans.
- Provide timely and accurate educational information.
- Promote learning opportunities that will help students define or meet personal goals.
- Assist students in preparing a program that is consistent with their abilities and interests.
- Monitor progress toward educational/career goals.
- Interpret and provide rationale for institutional policies, procedures and requirements.
- Inform students of campus resources that can enhance or supplement their academic or personal experience.

Requirements for Graduation

In addition to the University and degree program requirements, students in the College of Forestry must also meet specific requirements to graduate. Unless noted, the following apply to all undergraduate programs in the College of Forestry.

- **S/U Grading** – Students majoring in any of the College of Forestry degree programs may not take for S/U Grading (Satisfactory/Unsatisfactory) any course listed as a requirement for the major, or for a minor or option. This includes approved substitutions. Baccalaureate core course may be taken S/U unless they are also being used to fulfill a program requirement.
 - **Note:** *The Natural Resources Program allows up to two S/U graded courses in the Core, Breadth, or Option. See your Advisor for approval.*
- **Writing III/Speech** – As a College of Forestry student, COMM 111 or 114 is required to fulfill your Writing III (Speech) Baccalaureate Core requirement. COMM 111 or 114 cannot be taken as S/U grading (Satisfactory/Unsatisfactory).
 - **Note:** *COMM 218 does not meet the College speech requirement.*
- **Grades of “C-“ or better must be earned** in all required Forestry (FE, FOR, FES, FS, WSE) courses (or approved substitutions) for majors, minor and options in College of Forestry degree programs.
 - **Note:** *“C-“ or better must be earned in upper-division Core and Breadth courses for Natural Resources majors.*
- **Approved Work Experience.** Six months of work experience is required in all College of Forestry undergraduate degree programs with the exception of Natural Resources. See your advisor for information.

About Recreation Resource Management

The United States devotes more of its public lands to recreation use than any other country, so it's natural that those who manage these areas are concerned with the planning, management, and overall sustainability of these unique recreation resources. For over 30 years, the OSU Recreation Resource Management (RRM) program has been preparing students to meet the challenges of providing quality recreation opportunities to visitors. If you care about the ecological integrity of our natural resources and you want to ensure that you and future generations will be able to enjoy them, the RRM program is for you!

While you're here, you will study recreation behavior, recreation planning and management, communication, wilderness management, resource economics, resource ecology and conservation, and resource analysis and policy. In addition, there are 15 different options or minors to help you narrow your focus. If you're thinking about starting your own whitewater rafting business, for example, then perhaps a minor in business administration is for you. Or, if your interest runs to anthropology and history, you may want to choose the cultural resources management option. If you want to give others new understanding and insights into the natural world, you might select an environmental resource interpretation option. Our sociology option helps students understand group dynamics and behavior. We also have a popular law enforcement option.

Many laboratory courses take you out to the College of Forestry's Research Forests. Students can also apply for national and international exchange programs for travel and learning opportunities in such countries as New Zealand, Germany and Spain.

RRM graduates find employment as managers and planners for federal land managing agencies such as the US Forest Service, the National Park Service, the Bureau of Land Management, or as recreation consultants, as recreation guides for river rafting and sea kayaking companies, or as rangers, naturalists, resource planners, environmental educators, wilderness managers, wildland law enforcement officers, ecotourism planners, or nature-based tourism specialists.

Come join us in the exciting task of managing some of the best real estate in America!

B.S. in Recreation Resource Management (revised 6/17/13)

The Bachelor of Science in Recreation Resource Management prepares students to meet the challenges of providing quality recreation opportunities while maintaining the ecological integrity of natural resources. The curriculum produces students proficient in recreation behavior, recreation planning and management, environmental interpretation, wilderness management, resource economics, communication, and resource analysis and policy. The SAF-accredited curriculum provides a solid mix of physical and social sciences, resource management (including wildlife, range, and forestry), and quantitative methods.

Completion of an approved option or minor is required for the Recreation Resource Management degree. Declaration of the option or minor should be done by the end of the sophomore year. Courses for an option or minor are in addition to the core curriculum. Some courses may require prerequisites not included in the core curriculum. **Please check with the RRM academic advisor for information about options within this major.**

Currently approved minors include business administration, entrepreneurship, fisheries and wildlife, forest management, natural resources, philosophy, range resources, and resource economics.

Courses required for an option may not count toward a minor. Students may not take an option and a minor from the same field of study.

Students may work with an academic advisor to develop an individualized option (an individualized option is not transcript visible.)

Recreation Resource Management Curriculum rev 6/17/2013

<u>Year</u>	<u>Course</u>	<u>Title</u>	<u>Credits</u>
Freshman	COMM 111 or 114	Public Speaking or Argument & Critical Discourse (BCC: Skills) (3)	3
	ECON 201	Introduction to Microeconomics (BCC: Perspectives-SPI)	4
	FOR 111 or NR 201	Introduction to Forestry or Managing Natural Resources for the Future(3)	3
	FOR 112	Introduction to Computer Applications in Forestry	3
	FES 251	Recreation Resource Management	4
	MTH 245	Math for Mgmt, Life, & Social Sciences (BCC: Skills-Math)	4
		BCC: Perspectives-Fitness	3
		Writing I, II (BCC: Skills)	6
		BCC Perspectives	6
		Elective/Option/Minor	8
Total			44
Sophomore	FE 257 or GEO 365	GIS and Forest Engineering Applications or Intro to Geographic Information Systems (4)	3
	FES 207	Career Development	1
	FES 240	Forest Biology (BCC: Perspectives-Biological Sciences)	4
	FES 241	Dendrology	5
	ST 351 or ST 201	Introduction to Statistical Methods	4
		BCC Perspectives	14
		BCC Science, Technology and Society	3
		Electives/Option/Minor	8
		Block: NR Systems (choose one course)	3-4
	Total		
Junior	FOR 330 or AEC 351	Forest Resource Economics I or Natural Resource Economics and Policy	4 3
	FES 351	Recreation Behavior and Management	4
	FES 352	Wilderness Management	4
	FES 356	Recreation Resource Planning	3
	FOR 391	Natural Resources Communications (dropped Fall 2010)	4
	FES 422	Research Methods in Social Science	x
	FOR 441 or FES/FW 452	Silviculture Principles (4) or Forest Management and Wildlife Conservation (3)	4 3-4
	FOR 353	Field School (inactive)	x
	FES 444	Ecological Aspects of Park Management (inactive)	x
		Electives/Option/Minor	19
	Block: Technical/Field Skills (choose one course)	2-3	
Total			44-46
Senior	FES 432	Economics of Recreation Resource (inactive)	x
	FES 453	Nature-Based Tourism	3
	NR 455	Natural Resources Decision Making – Capstone course	4
	FOR 460	Forest Policy (Writing Intensive Course)	4
	FES 493	Environmental Interpretation	4
		Block: Communications and Negotiations	4
		Block: Research/Analytical Techniques	3
		Block: Social Science and Policy	3-4
	Electives/Option/Minor	6-8	
		19	
Total			46-49
<i>Plus 6 months of work experience</i>			
Program Total			180

Recreation Resource Management Checklist 2015-16 (rev. 4/16/2015)

Name: _____

Advisor: _____

ID #: _____

CORE CURRICULUM

Grade	Term & Yr.	Class
_____	_____	ECON 201 (4)
_____	_____	FOR 111 (3)
_____	_____	or NR 201 (3)
_____	_____	FOR 112 (3)
_____	_____	FES 207 (1)
_____	_____	FES 240 (4)
_____	_____	FES 241 (5)
_____	_____	FES 251 (4)
_____	_____	FOR 330 (4)
_____	_____	or AEC 351 (3)
_____	_____	FES 351 (4)
_____	_____	FES 352 (3)
_____	_____	FES 356 (4)
_____	_____	FES 422 (4)
_____	_____	FOR 441 (4)
_____	_____	or FES/FW 452 (3)
_____	_____	FES 453 (3)
_____	_____	NR 455 (4)
_____	_____	FOR 460 (4)
_____	_____	FES 493 (4)
_____	_____	FE 257 (3)
_____	_____	or GEO 365 (4)
_____	_____	MTH 245 (4)
_____	_____	ST 351 or ST 201 (4)

BACCALAUREATE CORE

Grade	Term & Yr.	Class
SKILLS (15)		
_____	_____	Writing I (WR 121) (3)
_____	_____	Writing II (3)
_____	_____	Speech (3)
_____	_____	(satisfied by COMM 111 or 114)
_____	_____	Math (3)
_____	_____	(satisfied by MTH 245)
_____	_____	Lifetime Fitness (2)
_____	_____	Fitness Lab (1)
PERSPECTIVES (27)		
_____	_____	Physical Science (including lab) (4)
_____	_____	Biological Science (including lab) (4)
_____	_____	(satisfied by FOR 240)
_____	_____	Physical/Biological Science (incl. lab) (4)
_____	_____	Western Culture (3)
_____	_____	Cultural Diversity (3)
_____	_____	Literature and the Arts (3)
_____	_____	Social Processes and Institutions (3)
_____	_____	(satisfied by ECON 201)
_____	_____	Difference, Power & Discrimination (3)
SYNTHESIS (6)		
_____	_____	Contemporary Global Issues (3)
_____	_____	(satisfied by AREC 351)
_____	_____	Science, Technology & Society (3)
WIC		
_____	_____	Satisfied by FOR 460 (4)

BLOCKS

Grade	Term & Yr.	Class
_____	_____	Communications & Negotiations (3)
_____	_____	NR Systems (3-4)
_____	_____	Research/Analytical Techniques (3-4)
_____	_____	Social Science & Policy (3-4)
_____	_____	Social Science & Policy (3-4)
_____	_____	Technical/Field Skills (2-4)

MINOR OR OPTION AND ELECTIVES

_____	_____	Foreign Language
_____	_____	Work Experience
_____	_____	Work Experience

Recreation Resource Management Block Course List rev 6/2010

Students who have taken one of the following courses for their RRM Core may not also count those courses toward fulfilling their “block” requirements (i.e., no double counting). Bac Core = * WIC = ^

Natural Resource Systems (Choose one course for 3 or 4 credits)		
ANTH 480	Topics in Applied Anthropology: “Non-Timber Forest Products Culture & Management”	4
SOIL 205	*Soils: Sustainable Ecosystems	4
ES 399	ST - by advisor approval only	3
FE 430	Watershed Processes (Junior Standing)	4
FOR 441	Silviculture Principles (FES 240 and FES 141 or FES 241)	4
FOR/RNG 436	Wildland Fire Science and Management	4
FOR/FW/RNG 446	Wildland Fire Ecology	3
FES/FW 452	Forest Management & Wildlife Conservation (FES 240 or FES 341)	3
FW 251	Principles of Fish & Wildlife Conservation	3
FW 479	Wetlands & Riparian Ecology	3
GEO 307	*National Park Geology & Preservation	3
GEO 420	Geography of Resource Use	3
RNG 341	Rangeland Ecology and Management	3
RNG 355	Desert Watershed Management	3
RNG 421	Wildland Restoration and Ecology	4
RNG 455	Riparian Ecology & Management	3
Technical/Field Skills (Choose one course for 2 or 4 credits)		
ANTH 430	Topics in Archaeology (topics must be pre-approved)	1-4
ANTH 497	Archaeological Field Methods	3
COMM 280	Media Communication in the Information Age	3
CS 195	Introduction to Web Authoring	4
FE 208	Forest Surveying	4
FE 257	GIS and Forest Engineering Applications	3
FES/FW 445	Ecological Restoration	4
FW 255	Field Sampling of Fish and Wildlife	3
FW 426	Coastal Ecology and Resource Management (HMSC)	5
GEO 301	Map and Image Interpretation	4
GEO 352	*Oregon: Geology, Place, and Life on the Ring of Fire	4
GEO 360	Cartography	4
GEO 444	Remote Sensing	4
GEO 465	Geographic Information Systems and Science	4
Social Science & Policy (Choose two courses for 6 to 8 credits)		
AG 301	*Ecosystem Science of Pacific NW Indians	3
ANTH 435	Cultural Resources: Policy & Procedures	3
ANTH 477	Ecological Anthropology	4
ANTH 478	Anthropology of Tourism	4
ANTH 481	*Natural Resources and Community Values	3
AREC 253	*Environmental Law, Policy, and Economics	4
AREC 353	Public Land Statutes and Policy	4 Alt. yrs
AREC 432	Environmental Law	4
ES 444	Native American Law: Tribes, Treaties, & the US	3
FOR 462	Natural Resource Policy & Law	3
FW 340	*Multicultural Perspectives in Natural Resources	3
FW 350	*Endangered Species, Society and Sustainability	3
FW 421	Aquatic Biological Invasions (HMSC)	4
GEO 335	*Introduction to Water Science and Policy	3
PS 474	Natural Resource Policy & Bureaucratic Politics	4
PS 475	Environmental Politics & Policy (Distance Ed only)	4
PS 477	International Environmental Politics and Policy	4
RNG 477	*Agroforestry	3
SOC 454	*Leisure and Culture	4
SOC 475	Rural Sociology	4
SOC 480	*Environmental Sociology	4
SOC 481	*Society & Natural Resources	4
SOC 485	*Consensus & Natural Resources (Distance Ed only)	3
WS 450	*Ecofeminism	3

Research/Analytical Techniques (Choose one course for 3 - 4 credits)

ANTH 422	Historic Materials Analysis	3
ANTH 430	Topics in Archaeology	1-4
ANTH 490	Topics in Methodology	1-4
ANTH 492	Archaeological Laboratory Methods	1-3
COMM 414	Communication Research Methods	3
ES 453	Ethnohistory Methodology	3
FOR 330	Forest Resource Economics I	4
FOR/FE 457	Techniques for Forest Resource Analysis	4
FES/FW 445	Ecological Restoration	4
FW 426	Coastal Ecology and Resource Management (HMSC)	5
GEO 350	*Population Geography	3 Alt yrs
GEO 444	Remote Sensing	4
GEO 465	Geographic Information Systems and Science	4
H 490	*Systems Thinking and Practice	4
HSTS 419	*^Studies in Scientific Controversy: Method and Practice of	3
RNG 450	Landscape Ecology and Analysis	3
SOC 418	Quantitative Research Methods	4
ST 411	Methods of Data Analysis	4

Communications & Negotiations (Choose one course for 3 credits)

COMM 316	Advanced Persuasion	3
COMM 322	Small-Group Problem Solving	3
COMM 324	Communication in Organizations	3
COMM 326	Intercultural Communication	3
COMM 328	Nonverbal Communication	3
COMM 432	Gender and Communication	3
COMM 440	Theories of Conflict & Conflict Management	3
COMM 442	Bargaining & Negotiation Processes	3

How Do I Get More Information?

**For information about other programs in the
College of Forestry**

**Please contact the
Students Services office, 250 Peavy Hall
541-737-1594**

<http://studentservices.forestry.oregonstate.edu/>