

WATER RESOURCES POLICY AND MANAGEMENT GRADUATE MAJOR (MS)

Graduate Areas of Concentration

Water resources policy and management

A Masters Degree in Water Resources Policy and Management is offered with specialization in the human dimensions of water resources policy and management. Seminars, readings, and conferences in water resources policy and management are offered by Water Resources Graduate Program and several affiliated departments.

The graduate degree options are structured around courses designed to broaden the student's education in water resources policy and management. University departments that offer courses related to water resources policy and management include the departments of Applied Economics; Anthropology; Fisheries and Wildlife; Geosciences; Rangeland Ecology and Management; Statistics; and Zoology; the School of Public Policy; the School of Forest Engineering, Resources and Management; the School of Biological and Population Health Sciences; the College of Business Administration, and the College of Earth, Ocean, and Atmospheric Sciences.

For more information, email gradwater_director@oregonstate.edu or visit the website (<http://oregonstate.edu/gradwater/>).

Major Code: 0990

Code	Title	Credits
Core Courses		
WRP 507 or WRS 507	SEMINAR SEMINAR	1
WRP 505 or WRE 505 or WRS 505	READING AND CONFERENCE READING AND CONFERENCE READING AND CONFERENCE	1
WRP 507 or WRE 507 or WRS 507	SEMINAR SEMINAR SEMINAR	1
WRP 524	SOCIOTECHNOLOGICAL ASPECTS OF WATER RESOURCES	3
Methods and Numerical Skills		
Select 9 credits of the following: 9		
CS 540	DATABASE MANAGEMENT SYSTEMS	
GEOG 560	GISCIENCE I: INTRODUCTION TO GEOGRAPHIC INFORMATION SCIENCE	
GEOG 565	SPATIO-TEMPORAL VARIATION IN ECOLOGY AND EARTH SCIENCE	
ST 511	METHODS OF DATA ANALYSIS	
ST 512	METHODS OF DATA ANALYSIS	
ST 513	METHODS OF DATA ANALYSIS	
ST 531	SAMPLING METHODS	
Basic Water Science		
Select 6 credits of the following: 6		
ATS 520	CLIMATE PHYSICS	
BEE 512	PHYSICAL HYDROLOGY	
CE 514	GROUNDWATER HYDRAULICS	
FE 530	WATERSHED PROCESSES	
GEO 530	GEOCHEMISTRY	
GEO 531	ENVIRONMENTAL GEOCHEMISTRY	

GEO 532	APPLIED GEOMORPHOLOGY	
GEOG 596	FIELD RESEARCH IN GEOMORPHOLOGY AND LANDSCAPE ECOLOGY	
SOIL 535	SOIL PHYSICS	
Policy and Management		
Select 15 credits of the following: 15		
AEC 505 or AEC 507	READING AND CONFERENCE (Resource Economics) SEMINAR	
AEC 512	MICROECONOMIC THEORY I	
AEC 525	APPLIED ECONOMETRICS	
AEC 534	ENVIRONMENTAL AND RESOURCE ECONOMICS	
AEC 543	INTERNATIONAL TRADE	
AEC 550	ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS	
AEC 551	APPLICATIONS OF ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS	
ANTH 576	ADVANCED ANTHROPOLOGICAL THEORY SEMINAR	
ANTH 577	ECOLOGICAL ANTHROPOLOGY	
ANTH 585	USES OF ANTHROPOLOGY	
ANTH 591	ETHNOGRAPHIC METHODS	
COMM 540	THEORIES OF CONFLICT AND CONFLICT MANAGEMENT	
COMM 546	COMMUNICATION IN INTERNATIONAL CONFLICT AND DISPUTES	
FOR 562	NATURAL RESOURCE POLICY AND LAW	
FOR 563	ENVIRONMENTAL POLICY AND LAW INTERACTIONS	
GEO 532	APPLIED GEOMORPHOLOGY	
GEOG 530	RESILIENCE-BASED NATURAL RESOURCE MANAGEMENT	
GEOG 540	CONFLICT, COOPERATION, AND CONTROL OF WATER IN THE US	
GEOG 541	THE WORLD'S WATER	
PS 575	ENVIRONMENTAL POLITICS AND POLICY	
PS 576	SCIENCE AND POLITICS	
PS 577	INTERNATIONAL ENVIRONMENTAL POLITICS AND POLICY	
SOC 556	SCIENCE AND TECHNOLOGY IN SOCIAL CONTEXT	
SOC 581	SOCIETY AND NATURAL RESOURCES	
Total Credits		36

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