

Environmental & Ecosystem Sciences

Available Pullman, Tri-Cities, Vancouver

**Advising Recommendations
PULLMAN CAMPUS ONLY**
If no minor, recommended course distribution)

	Cr	Term	Offered
450 [M] Conservation Biology <i>OR</i> Climate Change Biology (online)	3		S
ENVR SCI 310 Modeling the Environment <i>OR</i> 62(441 Population Ecology & Conserv.	3		F
62(302 Arid Land Plants & Ecosystems	3		S
SOE 435 Wildlife Ecology <i>OR</i> SOE 446 [M] Wildlife Habitat Ecology	3		S S
SOE 305 Silviculture <i>OR</i> SOE 464 [M] Landscape Ecology <i>OR</i> SOE 455 Elements of Range Mgmt Sci <i>OR</i> BIOL 462 Community Ecology	3		F S S FAYE?
ENVRSCI 445 Hazardous Waste Mgmt <i>OR</i> GEOL 303 Environmental Geology <i>OR</i> GEOL 390 Global Climate & Earth History	3		F S ?
SOE 411 [M] Limn/Aquatic Eco Mgmt <i>OR</i> SOE 460 Watershed Management <i>OR</i> BIOL 410 Marine Ecology	3		F S ????
62(438 Nat Res Policy & Law <i>OR</i> ENVRSCI 444 Environ. Assessment <i>OR</i> Senior Seminar/Special Topics	3 4 -		S F,S,SS

Other Suggested School Electives:

	Cr	Term	Offered
62(310 Methods in Wildlife Ecology	4		F
62(411 [M] Limnology and Aquatic Ecosystems Management	3		F
62(419 Topics in Natural Resources	V		F,S,SS
62(430 Intro to Wildland Fire	3		FAYE
62(431 Wildlife Nutrition	3		S
62(441 Population Ecology	4		S
62(479 NRS Mgmt Internship	V		F,S,SS
ENVR SCI 406 Intro to Radiological Science	2		
ENVR SCI 410 [M] Global Biogeochemistry	3		
ENVR SCI 445 Hazardous Waste Mgmt	3		
ENVR SCI 464 Intro Physical Oceanography	3		
ENVR SCI 463 Water in the Environment	3		
ENVR SCI 465 Aquatic Microbial Ecology	2		
ENVR SCI 490 Special Topics	V		F,S,SS
ENVR SCI 491 Senior Seminar	1		S
ENVR SCI 492 Special Topics	V		F,S,SS
ENVR SCI 495 Undergraduate Internship	V		F,S,SS
ENVR SCI 499 Special Problems	V		F,S,SS

“EES” COURSES with Prerequisites

BIOL 372 (F/S/SS) Or 62(300 (F/S)	BIOL 106 and CHEM 102 or 105 No prereq's
ENVR_SCI 275 (F) ENVR_SCI 285 (F)	ENVR_SCI 101 ENVR_SCI 101
GEOL 303 (S) GEOL 315 (SAYO)	GEOL 101 or 102 GEOL 101, 102, PHYS 101 or 201; CHEM 102 or 106; MATH 108, 140 or 171
NATRS 204 (F/S)	MATH 106/108 or 108 c// if 106 taken, or 140, 171
62(310 (F) 62(301 (F) 62(302 (S)	BIOL 106 and 107 62(300 or c// SOE 301
SOE 430 (FAYE) SOE 435 (F)	SOE 301 BIOL 372 or SOE 300 and STAT 212 or 412
SOE 438 (S)	Junior standing or permission of instructor. Recommended SOE 312
SOE 441 (S)	SOE 300 or BIOL 372 and STAT 212 or 412
SOE 450 (S) SOE 454 (F) SOE 455 (F)	Junior standing Senior standing BIOL 107
SOE 460 (S)	Recommended SOE 204 or sufficient background in spreadsheets
SOE 464 (S) STATS 412 (F/S)	Junior standing and recommended Soils 368 STATS 212, MATH 140 or 171

- S = Spring; F = Fall, SS = Summer
 - c// = concurrent

BIOL 107: CHEM 101,102,105,106 or concurrent

BIOL 372: enrollment BIOL 106 and CHEM 102 or 105

(SOE 300 – has

CHEM 101:

no ~~prereq~~ enrollment into MATH 105, 106, 107, 108, 140, 171, 172.

Aleks score of 45% or placement/concurrent

CHEM 105: MATH 106 or c// or ALEKS score 70% or higher or MATH 107, 108, 140, 171, 172...

PHYSICS 101: MATH 107 or 108 w/grade of C or better, ALEKS placement score 80% or higher or passing MATH 140, 171, 202 or 206.

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Other Areas of Emphasis

Policy

	Cr	Term	Offered
SOE 419 Topics in NRS	V		F,S,SS
SOC 424 Sociology and Public Policy	3		S
ENVR SCI 444 Environmental Assessment	4		F
POL S 101 American National	3		F,S
POL S 316 American Public	3		F
POL S 340 Intro to Public	3		F
POL S 418 Human Issues in Intern`t	3		S
POL S 420 Political Parties & Interest	3		S
POL S 430 The Politics of Nat Res & Environmental Policy	S		S
POL S 443 Admin Jurisprudence	S		S
POL S 446 Public Budgeting	S		S
POL S 448 Urban Politics and Policy	S		S

Wetland/Aquatic Resources

SOE 411 [M] Limnology and Aquatic Ecosystems Management	3		S
FISH 418 Fisheries Mgmt (UI)	4		F
FISH 422 Concepts in Aquaculture (UI)	3		S
FISH 424 Fish Health Management (UI)	4		S
SOE 419 Topics in Natural Resources	3		F,S,SS
SOE 460 Watershed Management	3		S
Soil Sci 368 Intro to GIS	3		S
Soil Sci 468 ArcGIS & Geospatial Analysis	4		F
BIOL 412 Biology & Mgmt of Fishes	3		FAYE
BIOL 432 Biology of Amphibians & Reptiles	4		SAYE

Other Suggested Professional Electives:

Biol 469 Ecosystem Ecology & Global Change	3		
C E 341 Intro to Environmental Engineering	3		
C E 401 Climate Change Science & Eng.	3		
C E 402 Applied Meterology	3		
C E 415 Environmental Measurements	3		
C E 456 Sustainable Develop. in Water Resources	3		
EconS 330 Nat Res Economics	3		F
EconS 326 Aspects of Sustainable Develep.	3		
EconS 430 Managing the Global Environment	3		
EconS 431 Economic Analysis of Envr. Policy	3		
EconS 432 Natural Resource Economics & Policy	3		
Psych 466 Environmental Psychology	3		
Soil Sci 201 [B] Soil: A Living Sys	3		
Soil Sci 368 Intro to GIS	3		F,S
Soil Sci 374 Remote Sensing & Airphoto Inter p	3		S
Soil Sci 413 Soils & Environmental Physics	3		
Soil Sci 414 Environmental Biophysics	2		
Soil Sci 415 Environmental Biophysics Lab	1		
Soil Sci 468 ArcGIS & Geospatial Analy	4		S

