

Courses	Title	Credits	Prerequisites	Semester(s) Offered
Anthropology				
ANTH 329	Cultural Change	3	ANTH 100 or ANTH 200 (ANTH 100 or ANTH 200) and (ANTH 120 or BZ 101 or LAND 220 or LIFE 220)	F (odd years)
ANTH 330	Human Ecology	3	220)	F (even years)
ANTH 415	Indigenous Ecologies and the Modern World	3	NONE	F, S, SS
ANTH 453	Impacts on Ancient Environments	3	ANTH 140	F
Agriculture and Resource Economics				
AREC/ECON 340	Introduction to Economics of Natural Resources	3	AREC 202 or ECON 202	S
AREC/ECON 444	Economics of Energy Resources	3	ECON 202 or AREC 202	S (odd years)
Atmospheric Science				
ATS 350/351	Introduction to Weather and Climate/Lab	3	NONE	F
Bio-agricultural Science and Pest Management				
BSPM 302	Applied and General Entomology	2	NONE	F
BSPM 308	Ecology and Management of Weeds	3	(BZ 120 or LIFE 103) and (CHEM 107 or CHEM 111)	F
BSPM 361	Elements of Plant Pathology	3	BZ 104 or BZ 120 or HORT 100 or LIFE 102	S
BSPM 365	Integrated Tree Management	4	BZ 120 or LIFE 102	F
BSPM 451	Integrated Pest Management	3	BSPM 302 or BSPM 308 or BSPM 361	S (odd years)
Botany and Zoology				
BZ 440/441	Plant Physiology/Lab	5	BZ 120 or LIFE 103	S
BZ 450	Plant Ecology	4	BZ 120 or LIFE 103	S
BZ 471/472	Stream Biology and Ecology/Lab	4	LIFE 320 or LAND 220 or LIFE 220	F (odd years)
BZ 474	Limnology	3	LIFE 320 or LAND 220 or LIFE 220	F (even years)
Forest and Rangeland Stewardship				
F 311	Forest Ecology	3	LIFE 320 or LAND 220 or LIFE 220	F, S
F 322	Economics of the Forest Environment	3	AREC 202 or ECON 202 or ECON 240 or AREC 240	F, S
F 324	Fire Effects and Adaptations	3	LIFE 320 or LAND 220 or LIFE 220	S
Fish, Wildlife and Conservation Biology				
FW 204	Introduction to Fishery Biology	3	NONE	F
FW 260	Principles of Wildlife Management	3	(MATH 124 or MATH 160) and (BZ 110 or LIFE 103)	F, S
FW 300	Ichthyology	2	BZ 111 or LIFE 103	S
FW 375	Field Wildlife Studies	3	(LIFE 320 or LAND 220 or LIFE 220) and FW 260	S, SS
FW 400	Conservation of Fish in Aquatic Ecosystems	3	LIFE 320 and FW 300	F
FW 477	Habitat for Wildlife	3	FW 260 and (NR 319 or NR 322)	F (even years)

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Geology				
GEOL 454	Geomorphology	4	(GEOL 120 or GEOL 122 or GEOL 124 or GEOL 150 or GR 210) and (STAT 301 or STAT 307 or STAT 315)	S
Geography				
GR 303	Mountain Geography	3	3 credits of GR coursework	F, S
GR 410	Climate Change: Science, Policy, and Implications	3	3 credits of GR coursework	S
Landscape Architecture				
LAND 444	Ecology of Landscapes	3	LAND 220 or LIFE 220 or LIFE 320	S
Natural Resources				
NR 300	Biological Diversity	3	NR 120A or NR 120B or one BZ course or one LIFE course	S
NR 326	Forest Vegetation Management	3	NR 220	F
NR 330	Human Dimensions in Natural Resources	3	NR 120A or NR 120B	F
NR 400	Public Relations in Natural Resources	3	NR 320	F, S, SS
NR 420	Integrated Ecosystem Management	4	(LAND 220 or LIFE 220 or LIFE 320) and NR 220 and (NR 319 or NR 322) and NR 320	F, S
NR 421	Natural Resources Sampling	3	(STAT 201 or STAT 301) and NR 220	S
NR 422	GIS Applications for Natural Resource Management	4	NR 322 or NR 319	S
NR 425	Policy and Sustainability	3	NR 320	S
NR/BZ 353	Global Change Ecology, Impacts, and Mitigation	3	LIFE 320 or LIFE 220 or LAND 220	S
Natural Resource Recreation and Tourism				
NRRT 231	Principles of Parks and Protected Area Management	3	NONE	F
NRRT 270	Principles of Natural Resource Tourism	3	NONE	F, S
NRRT 320	International Issues of Recreation and Tourism	3	NONE	F, S
NRRT 360	Group Decision Making	3	NRRT 262	F
NRRT 361	Natural Resources and the Media	3	NRRT 262	S
NRRT 362	Environmental Conflict Management	3	NRRT 262	F
NRRT 401	Collaborative Conservation	3	NRRT 231 or NRRT 262	F
Political Science				
POLS 361	US Environmental Politics	3	POLS 101	F, S
POLS 362	Global Environmental Politics	3	POLS 232	F, S, SS
Rangeland Ecosystem Science				
RS 300	Rangeland Conservation and Stewardship	3	BZ 120 or LIFE 102	F
RS 331	Wildland Plants and Plant Communities	3	BZ 223 or NR 220	F
RS 351	Wildland Ecosystems in a Changing World	3	(LIFE 320 or LAND 220 or LIFE 220) and SOCR 240	F
RS 432	Rangeland Measurements and Monitoring	2	NR 220 and (RS 300 or concurrent registration) and (STAT 201 or STAT 301 or STAT 307)	F
RS 452	Rangeland Herbivore Ecology and Management	3	RS 300 and (LAND 220 or LIFE 220 or LIFE 320)	F, S

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Rangeland Ecosystem Science - cont'd				
RS 470	Rangeland Economics and Analysis	2	(AREC 202 or ECON 202) and RS 300	F
RS 471	Rangeland Planning and Grazing Management	2	RS 300 or SOCR 320	F
RS 478	Restoration Ecology	3	(BZ 450 or LAND 220 or LIFE 220 or LIFE 320) and SOCR 240	S
Sociology				
SOC 320	Populations, Natural Resources, and the Environment	3	SOC 100 or SOC 105	F
SOC 461	Water, Society, and Environment	3	SOC 100 or SOC 105	F, S
Soil and Crop Sciences				
SOCR 322	Principles of Microclimatology	3	Three credits in PH	S
SOCR 400	Soil and Global Change	3	SOCR 240 and (LIFE 220 or LIFE 320)	F
SOCR 420	Crop and Soil Management Systems I/II	3	(HORT 100 or SOCR 100) and SOCR 240	S
SOCR 441	Soil Ecology	3	SOCR 455	S
SOCR 442	Forest and Range Soils	3	NONE	S
SOCR 455/456	Soil Microbiology/Lab	4	MIP 300 OR SOCR 240	F
SOCR 470/471	Soil Physics/Lab	4	SOCR 240 or GEOL 232	F
Watershed Science				
			(GEOL 120 or GEOL 122 or GEOL 124 or GEOL 150 or SOCR 240) / (CIVE 202 or STAT 201 or STAT 301 or STAT 307 or STAT 315) / (PH 110 or PH 121 or PH 141)	
WR 416	Land Use Hydrology	3		F
WR 417	Watershed Measurements	3	Concurrent registration in WR 416	F
WR 418	Land Use and Water Quality	3	NONE	S
WR 419	Water Quality Lab	2	Concurrent registration in WR 418	S
WR 474	Snow Hydrology	3	NONE	F