<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisite?</th>
<th>Course Title</th>
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<tr>
<td>CHEM 151 OR CHEM 141 AND 143</td>
<td>4</td>
<td>MATH 112 or placement</td>
<td>CHEM 152 OR CHEM 142 AND 144</td>
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<td>First semester CHEM</td>
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<td>ENGL 101 or 109H</td>
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<td>RNR 200 Conservation of Natural Environments</td>
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<td>ECOL 182R and L General Biology Lecture and Lab</td>
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<td>MATH 112 College Algebra</td>
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<td>Tier 1 Individuals and Societies</td>
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<td>Tier 1 Traditions and Cultures</td>
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<td><strong>TOTAL</strong></td>
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<td>Tier 1 Traditions and Cultures</td>
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<td>ENVS 200, 201: Soil Science lab and lecture</td>
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<td>Statistics: MATH 163 or 263, PSY 230 or SBS 200</td>
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<td>MATH 112 or placement</td>
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<td>RNR 230R Field Botany lecture</td>
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<td>ECON 200 (Economics)</td>
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<td>RNR 230L Field Botany lab</td>
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<td><strong>RNR 384 Natural Resources Management Practices</strong></td>
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<td>MCB 181R and L General Biology Lecture and Lab</td>
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<td>Oral or Media Communication: COMM 113 of 119, ALC 422, JOUR 455, JOUR 472, SCI 401, SBE 202, RNR 440A</td>
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<td><strong>RNR 316 Natural Resources - Ecology</strong></td>
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<td>ECOL 182R, ECOL 182L, RNR 230</td>
<td><strong>RNR 321 Ecological Surveys and Sampling</strong></td>
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<td>Tier 2 Arts or Humanities Elect.</td>
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<td>RAM 382 Rangeland Plant Communities</td>
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<td>RNR 230R and RNR 230L</td>
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<td>Technical Writing: ENGL 308, 313, 340, or 414, ENVS 408 or 415</td>
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<td>RAM 446 Management and Restoration of Wildland Vegetation</td>
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<td><strong>RNR 480 Natural Resources Policy and Law</strong></td>
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<td>RAM 456a Rangeland Inventory and Monitoring</td>
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<td>RAM 436a Grazing Ecology &amp; Management</td>
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Diversity Emphasis: One general education course must have the non-Western Civilization, Gender, Race, Class, Ethnicity designation.

2nd semester language proficiency required—not included in this plan.

Catalog Year 2020-21
POTENTIAL CAREER TRACKS

Restoration Ecologist/Preserve Manager

ECOL 406R AREC 350
ECOL 406L
4 units from the following:
PLS 360 PLS 312
3 units from the following:
RNR 438 WSM 408
6-8 units from the following:
ENVS 461 WFSC 444
RNR 403

Range Management Specialist GS-5 Office of Personnel Management & Society for Range Management Certification

PLS 360 ENVS 431
ACBS 477
9 units from the following:
ECOL 406R&L
RNR 438 WFSC 455R
WFSC 441 WSM 460
WFSC 444 WSM 462
WSM 465 WSM 468
Strongly Recommended:
RNR 403 or RNR 417

Environmental Communication, Education, and Interpretation

6 units from the following:
AGTM 422 JOUR 413
AED 438 SOC 333
JOUR 455 PSYC 329
JOUR 472 PSYC 374
6 units from the following:
ANTH 202 ANTH 409
ANTH 307 ECOL 406R
ANTH 331 WFSC 444
WFSC 447
6 units from the following:
AREC 476 GEOG 210
GEOG 373 GEOG 380
GEOG 459

Research in Rangeland Science & Management

ENG 414 RAM 499
RNR 492
3 units from the following:
PHIL 202 PHIL 421
PHIL 305
9 units from the following:
MATH 113 ENVS 431
PHYS 102 CHEM 241a
GEOG 251 CHEM 243a

Ranch Management

PLS 360 ACBS 431
ACBS 336A or ACBS 477
9 units from the following:
ECOL 406L WFSC 455L
ECOL 406R WFSC 455R
RNR 438 WSM 460A
WFSC 441 WSM 462
WFSC 444 WSM 468
WFSC 447
3 units from the following:
ACBS 213 ACBS 477
ACBS 315R ACBS 480B
ACBS 480B
ACBS 336A AREC 217
3 units from the following:
GEOG 483 RNR 422
RNR 403 ENVS 461
RNR 417 WSM 330

Ecologist Series GS-5 Office of Personnel Management

6 units from the following:
PHYS 102 HWR 250
ATMO 171 GEOS 251
6 units from the following:
ECOL 183 WFSC 441
ECOL 320 WFSC 444
ECOL 380 ECOL 472
ECOL 406R ECOL 482
ECOL 438 ECOL 485
Strongly Recommended:
RNR 403 RNR 417

Peace Corps/International Conservation & Development

At least 2 semesters of a second language, and 4 recommended
1 course from the following:
ANTH 202 GEOG 210
GEOG 373
1 course from the following:
ANTH 331 GEOG 380
1 course from the following:
AGTM 422 SOC 333
PSYC 360

Strongly Recommended:
RNR 403 or RNR 417

1 unit from the following:
AREC 217 AREC 373
AREC 350 AREC 476
3 units from the following:
ATMO 171
PLG 301
3 units from the following:
GEOG 371 GEOG 459
GEOG 401a GEOG 461
GEOG 401b GEOG 465
Strongly Recommended:
ENVS 453
RNR 403 RNR 417

Natural Resources Planning

Additional Career Tracks: Tribal Range Management Specialist
Soil Science GS-5, Office of Personnel Management
Cooperative Extension
OPM Botanist GS-5
Environmental Law and Policy
Environmental Assessment
Wildlife Biologist GS-5 Office of Personnel Management

Management

For further details on any of these potential career tracks, see your faculty advisor.