BS ENVIRONMENTAL MANAGEMENT AND PROTECTION  
2009-2011

Units Required: 180

CONCENTRATION______________________________
MINOR________________________________________

US Cultural Pluralism Met [ ] YES [ ] NO
GWR Met [ ] YES [ ] NO

GWR Met                                             [ ] YES  [ ] NO
US Cultural Pluralism Met                   [ ] YES  [ ] NO

______________________________________________________________________________________________________________

*Courses satisfy GE requirement
Note: No major, support or conc. courses may be taken as credit/no credit.

MAJOR COURSES (132)  Units
NR 140 Careers in Forestry & Env. Management                  1
NR 142 Environmental Management                              3
NR 215 Land and Resource Measurements                        2
NR/LA 247 Forest Surveying                                    2

NR 306 or BIO 325 Ecology                                     4
NR 306 Prerequisites:B2 & B4
BIO 325 Prerequisites: BIO 263, or Consent of Instructor

NR/LA 318 Applications in GIS                                 3
Prerequisites: Junior Standing or Consent of Instructor

NR 326 Natural Resources Economics & Valuation                4
Prerequisites: MATH 161 or MATH 221 or Equivalent

NR 335 Conflict Management in Natural Resources              4
Prerequisites: NR 142; PSY 201 or PSY 202

NR 402 or NR 320                                             4
NR 402 Prerequisites: NR 208 & NR 306 or BIO 325
NR 320 Prerequisites: SS 121, NR/LA 318

NR/CRP 404 or NR/CRP 408                                      3
Prerequisites: Junior Standing

NR 412 or NR 461 Senior Project                               3
NR 412 Prerequisites: NR 326
NR 461 Prerequisites: Junior Standing

NR 416 Env. Impact Analysis and Management                    4
NR 306 or Equivalent & NR 335 or Equivalent

NR 425 Applied Resource Analysis                               4
Prerequisites: NR 416

NR 465 Ecosystem Management                                   4
Prerequisites: NR 425 and NR 416

ASCI 329 or BIO 263 or BIO 427                                3/4
BIO 263Prerequisites: BIO 161 or Consent of Instructor
BIO 427 Prerequisites: BIO 263 or NR 306

BOT 121 and NR 208 or                                          8
BIO 161 and BIO 162 (B2 & B4)* or
BIO 162 Prerequisites: BIO 161

BIO 111 and BIO 115                                          8

BRAE 348 or ENVE 324 (Area F)*                                4
Prerequisites: Junior Standing and completion GE Area B

CHEM 111 or CHEM 127 (B3)*                                    5/4

CHEM 312 Survey of Organic Chemistry                          5
Prerequisites: CHEM 111 or Equivalent

ENVE 330 Environmental Quality Control                        4
Blanket substitution: any four digit upper division BIO, CRP, or NR course may substitute for ENVE 330 (which may not be offered)

GEOL 201 Physical Geology                                     3
Prerequisites: MATH 119 or Equivalent

MATH 161 or MATH 221 (B1)*                                    4

PHYS 121 College Physics I (B3)*                               4

PSY 201 or PSY 202 Intro to Psychology (D4)*                   4

MAJOR COURSES cont….

SS 121 Introductory Soil Science                                4

STAT 217 or STAT 218 Applied Statistics (B1)*                   4
Concentration courses (see reverse)                         36

GENERAL EDUCATION (GE)                                        48

72 units required; 24 units are in Support.
Minimum of 12 units required at the 300 level.

Area A Communication                                          12
A1 ENGL 133/134                                             4
A2 COMS 101/102                                             4
A3 Reasoning, Argumentation, and Writing                     4
Prerequisites: Completion GE Area A1 or A2

Area B Science and Mathematics                                0
(in major/support)

Area C Arts and Humanities                                     20
C1 Literature                                                4
Prerequisites: Completion GE Area A

C2 Philosophy                                                4
Prerequisites: Completion GE Area A

C3 Fine/Performing Arts                                      4

C4 Upper-division elective                                    4
Prerequisites: Junior Standing and Completion GE Area A & C2

C1-C4 Elective                                               4

Area D/E Society and the Individual                           16
D1 American Experience (40404)                               4
D2 Political Economy                                         4
D3 Comp Social Institutions                                   4
D5 Upper-division elective                                    4
Prerequisites: Junior Standing and completion GE Area A and two courses from D1, D2, D3, D4

Area F Technology (upper division; in major)                  0
Prerequisites: Junior Standing and completion GE Area A & B

Updated 3/6/2011
### ENVM CONCENTRATIONS (Select one)

#### Environmental Impact Mitigation

**Strategies Concentration (36 units)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>BIO 427</td>
<td>Wildlife Management</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: BIO 263, or NR 306</td>
<td></td>
</tr>
<tr>
<td>CRP/NR 404</td>
<td>or CRP/NR 408</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: Junior Standing</td>
<td></td>
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<tr>
<td>NR 311</td>
<td>Environmental Interpretation</td>
<td>4</td>
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<td></td>
<td>Prerequisites: BIO 325, or NR 306</td>
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<tr>
<td>ZOO 329</td>
<td>Vertebrate Field Zoology</td>
<td>4</td>
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<td></td>
<td>Prerequisites: BIO 162/263/427 or ASCI 329</td>
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Approved electives (advisor’s prior written approval required) 21

#### Watershed Management & Hydrology Concentration (36)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NR 420</td>
<td>Adv Watershed Hydrology</td>
<td>4</td>
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<tr>
<td></td>
<td>Prerequisites: NR 320 or Equivalent or Graduate Standing</td>
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</tr>
<tr>
<td>SS 321</td>
<td>Soil Morphology</td>
<td>4</td>
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<td></td>
<td>Prerequisites: SS 121</td>
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<tr>
<td>SS 440</td>
<td>Forest &amp; Range Soils</td>
<td>4</td>
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<td>Prerequisites: SS 121, SS 321 or Consent of Instructor</td>
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Approved electives (advisor’s prior written approval required) 24

#### Environmental Policy & Mgmt

**Concentration (36)**

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<tbody>
<tr>
<td>CRP 212</td>
<td>Intro Urban Planning</td>
<td>4</td>
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<tr>
<td>CRP 420 or POLS 341</td>
<td>CRP 420 Prerequisites: CRP 212 and upper division standing or consent of instructor</td>
<td>4</td>
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<tr>
<td></td>
<td>POLS 341 Prerequisites: POLS 112 or Consent of Instructor</td>
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<tr>
<td>ECON 431 or POLS 230</td>
<td>ECON 431 Prerequisites: ECON 311 or Consent of Instructor</td>
<td>4</td>
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<td></td>
<td>POLS 230 Prerequisites: POLS 112</td>
<td></td>
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<tr>
<td>NR 435</td>
<td>Nat Res Policy Analysis</td>
<td>4</td>
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<tr>
<td></td>
<td>Prerequisites: NR 326</td>
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<tr>
<td>NR/CRP 404</td>
<td>or NR/CRP 408</td>
<td>3</td>
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<td></td>
<td>Prerequisites: Junior Standing</td>
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Approved electives (advisor’s prior written approval required) 17

#### Individualized Course of Study (36)

<table>
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<td>36</td>
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