

**BS FORESTRY AND NATURAL RESOURCES**  
**Units Required: 192**

**2009-2011**

CONCENTRATION \_\_\_\_\_  
 MINOR \_\_\_\_\_

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

\*=Courses satisfy GE requirement

Note: No major, support or conc. courses may be taken as credit/no credit.

MAJOR COURSES (99)	Units
NR 140 Careers Forest & Environmental Mgmt	1
NR 141 Intro to Forest Ecosystem Mgmt	3
NR 208 Dendrology	4
NR 215 Land & Resource Measurements	2
NR 260 Forest Practices & Environmental Protection	4
NR 306 Natural Resource Ecology & Habitat Mgmt	4
NR 307 Fire Ecology	3
NR 315 Measurements & Sampling in Forest Env. <i>Prerequisites: BRAE/NR 247 and STAT 217 or STAT 218</i>	4
NR/LA 318 Applications in GIS	3
NR 320 Watershed Management <i>Prerequisites: SS 121; NR/LA 318</i>	4
NR 326 Natural Resources Economics & Valuation <i>Prerequisite: MATH 161 or MATH 221 or Equivalent</i>	4
NR 335 Conflict Management in Natural Resources <i>Prerequisites: NR 141; PSY 201 or PSY 202</i>	4
NR 365 Silviculture & Vegetation Management <i>Prerequisite: NR 315</i>	4
NR 402 Forest Health	4
NR 412 or NR 461 <i>NR 412 Prerequisite: NR 326</i>	3
NR 414 Sustainable Forest Management <i>Prerequisites: NR 326 and NR 365</i>	4
NR 416 Environmental Impact Analysis & Mgmt	4
NR 435 Natural Resources Policy Analysis <i>Prerequisite: NR 326</i>	4
NR 465 Ecosystem Management <i>Prerequisite: NR 416</i>	4
Concentration courses	32

**SUPPORT (37)**

AGB 212 Agricultural Economics _____	4
ASCI 329 or BIO 427 _____ <i>BIO 427 Prerequisite: BIO 263 or NR 306</i>	3/4
BOT 121 General Botany (B2 & B4)* _____	4
BRAE/NR 247 Forest Surveying _____ <i>Prerequisite: NR 215</i>	2
BRAE 345 Aerial Photo & Remote Sensing _____ <i>Prerequisite: MATH 118</i>	3
CHEM 111 Survey of Chemistry (B3)* _____	5
MATH 161 or 221 (B1)* _____	4
SS 121 Introductory Soil Science _____	4
STAT 217 or STAT 218 (B1)* _____	4
Advisor approved science course: BOT 313, CHEM 312, PHYS 121 _____	4-5
<i>BOT 313 Prerequisite: BOT 162 or BOT 121</i>	
<i>CHEM 312 Prerequisite: CHEM 111 or Equivalent</i>	

**GENERAL EDUCATION (GE)**

**56**

72 units required; 16 units are in Support.

→Minimum of 12 units required at the 300-400 level

**Area A Communication**

**12**

A1 ENGL 133/134 \_\_\_\_\_ 4

A2 COMS 101/102 \_\_\_\_\_ 4

A3 Reasoning, Argument, and Writing \_\_\_\_\_ 4

*Prerequisites: Completion GE Area A1 or A2*

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

**0**

**Area C Arts and Humanities**

**20**

C1 Literature \_\_\_\_\_ 4

*Prerequisites: Completion GE Area A*

C2 Philosophy: PHIL 230/231 \_\_\_\_\_ 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**

**20**

D1 American Experience (40404) \_\_\_\_\_ 4

D2 Political Economy \_\_\_\_\_ 4

D3 Comp Social Institutions \_\_\_\_\_ 4

D4 Self Develop (CSU Area E) \_\_\_\_\_ 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 div)** \_\_\_\_\_

**4**

*Prerequisites: Junior Standing and Completion GE Area A & B*

## FNR CONCENTRATIONS (Select One)

### Environmental Planning & Assessment Concentration (32 Units)

	<i>Units</i>
<b>CRP 212</b> Introduction to Urban Planning	4
<b>ENVE 330</b> Environmental Quality Control <i>Blanket substitution: any four unit upper division BIO, CRP, or NR course may be taken in place of ENVE 330 (which is no longer offered)</i>	4
<b>NR 339</b> Internship <i>Prerequisites: Consent of Instructor</i>	6
<b>NR/CRP 404</b> Environmental Law or <b>NR 408</b> Water Resource Law and Policy <i>Prerequisites: Junior Standing</i>	3
<b>NR 425</b> Applied Resource Analysis <i>Prerequisites: NR 416</i>	4
Restricted electives, advisor's prior written approval	11

### Forest & Environmental Practices Concentration (32 Units)

<b>NR 339</b> Internship <i>Prerequisites: Consent of Instructor</i>	6
<b>NR 475</b> Sustainable Forest & Environ Practices <i>Prerequisites: Consent of Instructor</i>	15
Restricted electives, advisor's prior written approval	11

### Natural Resources Recreation Concentration (32 Units)

<b>NR 311</b> Environmental Interpretation	4
<b>NR 339</b> Internship <i>Prerequisites: Consent of Instructor</i>	6
<b>NR 350</b> Urban Forestry	3
<b>RPTA 101</b> Intro Recreation Parks & Tourism	4
Restricted electives (advisor's prior written approval)	15

### Individualized Course of Study (32 Units)

<b>NR</b> coursework	4
<b>NR 339</b> Internship	6
Restricted electives (advisor's prior written approval required)	22

### Urban Forestry Concentration (32 Units)

<b>CRP 212</b> Introduction to Urban Planning	4
<b>EHS 421</b> Arboriculture <i>Prerequisites: EHS 123, EHS 231, and EHS 232</i>	4
<b>EHS 422</b> or <b>NR 311</b> <i>EHS Prerequisites: EHS 421</i> <i>NR 311 Blanket substitution: any four unit upper division BIO, CRP, or NR course may be taken in place of NR 311 (which is currently not offered)</i>	2/4
<b>NR 339</b> Internship <i>Prerequisites: Consent of Instructor</i>	6
<b>NR 350</b> Urban Forestry	3
<b>NR 450</b> Community Forestry	3
Restricted electives, advisor's prior written approval	8-10

### Watershed Management and Hydrology Concentration (32 Units)

<b>NR 420</b> Advanced Watershed Hydrology <i>Prerequisites: NR 320 or Equivalent or Graduate Standing</i>	4
<b>SS 321</b> Soil Morphology <i>Prerequisites: SS 121</i>	4
<b>SS 440</b> Forest and Range Soils <i>Prerequisites: SS 121, SS 321 or Consent of Instructor</i>	4
Restricted electives, advisor's prior written approval	20

### Wildland Fire and Fuels Management Concentration (32 Units)

<b>NR 204</b> Wildland Fire Control	3
<b>NR 339</b> Internship <i>Prerequisites: Consent of Instructor</i>	6
<b>NR 340</b> Wildland Fire Management <i>Prerequisites: NR 204</i>	3
<b>NR 455</b> Wildland-Urban Interface Fire Protection <i>Prerequisites: NR 340</i>	3
Restricted electives (advisor's prior written approval)	17