

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.

GENERAL EDUCATION (GE) 56

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

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
<i>Prerequisites: Completion GE Area A1 or A2</i>	

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

Area C Arts and Humanities 20

C1 Literature _____	4
<i>Prerequisites: Completion GE Area A</i>	
C2 Philosophy: PHIL 230/231 _____	4
<i>Prerequisites: Completion GE Area A</i>	
C3 Fine/Performing Arts _____	4
C4 Upper-division elective _____	4
<i>Prerequisites: Junior Standing and Completion GE Area A & C2</i>	
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
<i>Prerequisites: Junior Standing and Completion GE Area A and two courses from D1, D2, D3, D4</i>	

Area F Technology (upper div) 4

Prerequisites: Junior Standing and Completion GE Area A & B

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>	

FNR CONCENTRATIONS (Select One)

Environmental Planning & Assessment Concentration (32 Units)

	<i>Units</i>
CRP 212 Introduction to Urban Planning	4
ENVE 330 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
NR 339 Internship <i>Prerequisites: Consent of Instructor</i>	6
NR/CRP 404 Environmental Law or NR 408 Water Resource Law and Policy <i>Prerequisites: Junior Standing</i>	3
NR 425 Applied Resource Analysis <i>Prerequisites: NR 416</i>	4
Restricted electives, advisor's prior written approval	11

Forest & Environmental Practices Concentration (32 Units)

NR 339 Internship <i>Prerequisites: Consent of Instructor</i>	6
NR 475 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)

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

Individualized Course of Study (32 Units)

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

Urban Forestry Concentration (32 Units)

CRP 212 Introduction to Urban Planning	4
EHS 421 Arboriculture <i>Prerequisites: EHS 123, EHS 231, and EHS 232</i>	4
EHS 422 or NR 311 <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
NR 339 Internship <i>Prerequisites: Consent of Instructor</i>	6
NR 350 Urban Forestry	3
NR 450 Community Forestry	3
Restricted electives, advisor's prior written approval	8-10

Watershed Management and Hydrology Concentration (32 Units)

NR 420 Advanced Watershed Hydrology <i>Prerequisites: NR 320 or Equivalent or Graduate Standing</i>	4
SS 321 Soil Morphology <i>Prerequisites: SS 121</i>	4
SS 440 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)

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