BS FORESTRY AND NATURAL RESOURCES
2007-09 Cal Poly Catalog

Natural Resources Management Department
Agricultural Sciences Bldg. (11), Room 217
(805) 756-2702

- 60 units upper division
- GWR
- 2.0 GPA
- USCP

* = Satisfies General Education requirement

MAJOR COURSES
FNR 140 Careers in Forestry and Environ. Mgmt. 1
FNR 201 Introduction to Forest Ecosystem Mgmt. 3
FNR 208 Dendrology ........................................... 4
FNR 215 Land and Resource Measurements .......... 2
FNR 260 Forest Practices and Environ. Protection 4
FNR 306 Natural Resource Ecology & Habitat Mgt 4
FNR 307 Fire Ecology .......................................... 3
FNR 315 Measurents & Sampling in Forested Env. 4
FNR/LA 318 Applications in GIS............................ 3
FNR 320 Watershed Management.......................... 4
FNR 326 Natural Resources Econ. & Valuation...... 4
FNR 335 Conflict Mgmt. in Natural Resources...... 4
FNR 365 Silviculture and Vegetation Management 4
FNR 402 Forest Health ....................................... 4
FNR 414 Sustainable Forest Management ............. 4
FNR 416 Environmental Impact Analysis & Mgmt. 4
FNR 435 Natural Resources Policy Analysis ....... 4
FNR 465 Ecosystem Management ......................... 4

Concentration courses ........................................... 32

Support courses .................................................. 99

SUPPORT
AGB 212 Agricultural Economics ......................... 4
ASCI 329 Principles of Range Mgmt. or BIO 427 Wildlife Management .................... 3-4
BOT 121 General Botany (B2&B4)*..................... 4
BRAE/FNR 247 Forest Surveying ......................... 2
BRAE 345 Aerial Photogram. & Remote Sensing 3
CHEM 111 Survey of Chemistry (B3)* ................. 5
MATH 161 Calculus for the Life Sciences I or MATH 221 Calculus for Bus & Econ (B1)* 4
SS 121 Introductory Soil Science ....................... 4
STAT 217 or STAT 218 Statistics (B1)* ................. 4

Advisor approved science course
BOT 313, CHEM 312, or PHYS 121 ...................... 4-5

GENERAL EDUCATION (GE)
72 units required; 16 units are in Support.
- See page 56 for complete GE course listing.
- Minimum of 12 units required at the 300-400 level.

Area A Communication (12 units)
A1 Expository Writing ................................... 4
A2 Oral Communication ................................... 4
A3 Reasoning, Argumentation, and Writing ...... 4

Area B Science and Mathematics (no additional units req’d)
B1 Mathematics/Statistics * 8 units in Support... 0
B2 Life Science * 4 units in Support ......... 0
B3 Physical Science * 4 units in Support ......... 0
B4 One lab taken with either a B2 or B3 course

Area C Arts and Humanities (20 units)
C1 Literature .................................................. 4
C2 Philosophy ............................................... 4
C3 Fine/Performing Arts .................................. 4
C4 Upper-division elective ......................... 4
Area C elective (Choose one course from C1-C4) 4

Area D/E Society and the Individual (20 units)
D1 The American Experience (40404) ....... 4
D2 Political Economy ..................................... 4
D3 Comparative Social Institutions ................. 4
D4 Self Development (CSU Area E) .......... 4
D5 Upper-division elective ......................... 4

Area F Technology Elective (upper division) (4 units)

56

ELECTIVES .......................................................... 0

192

CONCENTRATIONS (Select one)

Environmental Planning and Assessment Concentration
CRP 212 Introduction to Urban Planning ............... 4
ENVE 330 Environmental Quality Control .......... 4
FNR 339 Internship ........................................... 6
FNR/CRP 404 Environmental Law or FNR 408 Water Resource Law and Policy ........... 3
Restricted electives, advisor's prior written approval .............................................. 11

32

Forest and Environmental Practices Concentration
FNR 339 Internship ........................................... 6
FNR 475 Sustainable Forest and Environmental Practices ........................................... 15
Restricted electives, advisor’s prior written approval .............................................. 11

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Natural Resources Recreation Concentration
FNR 311 Environmental Interpretation ............... 4
FNR 339 Internship ........................................... 6
FNR 350 Urban Forestry ..................................... 3
FNR 410 Resource Recreation Management ....... 4
FNR 417 Resource Recreation Planning ............... 3
REC 101 Intro Recreation Parks and Tourism or FNR 112 Parks and Outdoor Recreation 3-4
Restricted electives, advisor's prior written approval .............................................. 9

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### Urban Forestry Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>CRP 212 Introduction to Urban Planning</td>
<td>4</td>
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<tr>
<td>EHS 421 Arboriculture</td>
<td>4</td>
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<td>EHS 422 Adv. Arboriculture or FNR 311/FNR 339</td>
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<td>FNR 339 Internship</td>
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<td>FNR 350 Urban Forestry</td>
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<td>FNR 450 Community Forestry</td>
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### Watershed Management and Hydrology Concentration

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<tr>
<td>FNR 420 Advanced Watershed Hydrology</td>
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<tr>
<td>SS 321 Soil Morphology</td>
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<td>SS 440 Forest and Range Soils</td>
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### Wildland Fire and Fuels Management Concentration

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<tr>
<td>FNR 204 Wildland Fire Control</td>
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<td>FNR 339 Internship</td>
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<tr>
<td>FNR 340 Wildland Fire Management</td>
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<td>FNR 455 Wildland-Urban Interface Fire Protection</td>
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### Individualized Course of Study

4 units of FNR coursework plus 6 units in FNR 339. Advisor and department head pre-approval required.

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