BS Environmental Management and Protection
2007-09 Cal Poly Catalog
Natural Resources Management Department
Agricultural Sciences Bldg. (11), Room 217
(805) 756-2702

- 60 units upper division
- 2.0 GPA
- * = Satisfies General Education requirement

MAJOR COURSES
FNR 140 Careers in Forestry & Env. Mgmt. .............. 1
FNR 202 Environmental Management ...................... 3
FNR 215 Land and Resource Measurements .............. 2
FNR/LA 318 Applications in GIS ......................... 3
FNR 326 Natural Resources Econ. & Valuation .......... 4
FNR 335 Conflict Mgmt. in Natural Resources ........ 4
FNR 402 Forest Health or
    FNR 320 Watershed Mgmt & Restoration .......... 4
FNR/CRP 404 Environmental Law or
    FNR/CRP 408 Water Law .............................. 3
FNR 412 Forest and Natural Resources Senior
    Assessment Project or FNR 461 Senior Project I .... 3
FNR 416 Env. Impact Analysis and Mgmt ................ 4
FNR 425 Applied Resource Analysis ..................... 4
FNR 465 Ecosystem Management .......................... 4
ASCI 329/BIO 263/BIO 427 .............................. 3-4
BIO 161 Intro to Cell & Molecular Biology or
    BOT 121 General Botany (B2&B4)* ................. 4
BIO 162 Intro to Organismal Form & Function or
    FNR 208 Dendrology .................................... 4-5
BIO 325 General Ecology or FNR 306 Ecology of
    Natural Resources & Habitat Mgmt ................. 4
BRAE 237 or BRAE/FNR 247 or BRAE 239 .......... 2
BRAE 348 Energy for a Sustainable Society or
    ENVE 324 Intro to Air Pollution (Area F)* ......... 4
CHEM 111 Survey of Chemistry or CHEM 127
    General Chemistry (B3)* .................... 4-5
CHEM 312 Survey of Organic Chemistry ................. 5
ENVE 330 Environmental Quality Control ............ 4
GEOL 201 Physical Geology ................................ 3
MATH 161/221 (B1)* ...................................... 4
PHYS 121 College Physics I (B3)* ....................... 4
PSY 201/202 Introduction to Psychology (D4)* ...... 4
SS 121 Introductory Soil Science ......................... 4
STAT 217/218 Applied Statistics (B1)* .................. 4
Concentration courses (see below) ...................... 36

GENERAL EDUCATION (GE)
72 units required; 24 units are in Major.
  - 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 Major ...... 0
  B2 Life Science * 4 units in Major .................. 0
  B3 Physical Science * 4 units in Major ............. 0
  B4 One lab taken with either a B2 or B3 course .... 0

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 (16 units)
  D1 The American Experience (40404) ............... 4
  D2 Political Economy .................................... 4
  D3 Comparative Social Institutions ................. 4
  D4 Self Development (CSU Area E) * 4 units in
    Major ..................................................... 0
  D5 Upper-division elective ........................... 4

Area F Technology Elective (upper division)
(no additional units req’d) * 4 units in Major ........ 0

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

CONCENTRATIONS (Select one)
Environmental Impact Mitigation Strategies
Concentration
BIO 427 Wildlife Management ............................ 4
CRP/FNR 404 Environmental Law or CRP/FNR
    408 Water Resource Law and Policy .............. 3
FNR/REC 311 Environmental Interpretation .......... 4
ZOO 329 Vertebrate Field Zoology ..................... 4
ZOO 423 Fisheries Science and Resource
    Conservation ........................................... 4
Restricted electives, advisor’s prior written
    approval .................................................. 17

Environmental Policy and Management Concentration
CRP 212 Introduction to Urban Planning .............. 4
CRP 420 Land Use Law ................................... 4
ECON 431 Environmental Economics .................... 4
ENVE 465 Environmental Management and Urban
    Systems .................................................. 2
FNR 435 Natural Resources Policy Analysis .......... 4
FNR/CRP 404 Env. Law or
    FNR/CRP 408 Water Law (4) ....................... 3
FNR/REC 417, FNR 418 or SS 433 .................. 3-4
POLS 316 Political Parties and Interest Groups
    or POLS 318 Political Behavior .................... 4
LA 451 Regional Landscape Assessment or
    FNR 339 Internship Forest & Natural Resources
    Restricted elective, advisor’s prior written
    approval .................................................. 3

Watershed Management and Hydrology Concentration
FNR 420 Advanced Watershed Hydrology ............ 4
SS 321 Soil Morphology ................................ 4
SS 440 Forest and Range Soils ......................... 4
Restricted electives, advisor’s prior written
    approval .................................................. 24

Individualized Course of Study
Courses are selected by the student subject to
    approval by the student’s academic advisor
    and department head ................................... 36