MAJOR IN ECOLOGICAL MANAGEMENT AND RESTORATION
2013-2014

ID: __________________________ Name: ________________________________

Email: ______________________________

☐ English Composition Requirement (see College requirement) -------------------------- 0-8

☐ General Education (See University requirement) ---------------------------------- 16-24

☐ General Education II
☐ General Education III
☐ IGETC

☐ Preparatory Subject Matter------------------------------------------------------------- 51-60

☐ Biological Sciences 2A (5), Intro Biology (FWSU)
☐ Biological Sciences 2B (5), Intro Biology (FWSU)
☐ Biological Sciences 2C (5), Intro Biology (FWSU)
☐ Chemistry 2A (5), General Chemistry (FWU)
☐ Chemistry 2B (5), General Chemistry (WSU)
☐ Math, select one from the following groups
  ☐ Math 16A (3), Short Calculus (FWSU)
  ☐ Math 16B (3), Short Calculus (FWSU)
  ☐ Math 17A (4), Calculus for Biology and Medicine (FWS)
  ☐ Math 17B (4), Calculus for Biology and Medicine (FWS)
  ☐ Math 21A (4), Calculus (FWSU)
  ☐ Math 21B (4), Calculus (FWSU)

☐ Physics, select one from the following groups
  ☐ Physics 1A (3), Principles of Physics (F)
  ☐ Physics 1B (3), Principles of Physics (W)
  ☐ Physics 7A (4), General Physics (FWSU)
  ☐ Physics 7B (4), General Physics (FWSU)
  ☐ Physics 7C (4), General Physics (FWSU)

☐ Plant Sciences 21 (3), Applications of Computers in Agriculture (FWS)
☐ Plant Sciences 120 (4), Applied Statistics in Agricultural Science (F)
☐ Soil Science 100 (5), Principles of Soil Science (F) CHE2B, PHY 1B, BIS2C
☐ Plant Sciences 101 (3), Agriculture and the Environment (W) PLS 2 or BIS 2C or Environmental Science & Policy 1 (4), Environmental Analysis (F) UWP1 or ENL3, ECN 1A & BIS 2B recommended

☐ Depth Subject Matter---------------------------------------------------------------63-78

☐ Environmental Horticulture 160 (3), Restoration Ecology (S) COURSE IN ECOLOGY OR PLANT ECOLOGY
☐ Environmental Horticulture 160L (1), Restoration Ecology Laboratory (S) ENH 160(MAY BE TAKEN CONCURRENTLY)

☐ One of:
  ☐ Soil Science 105 (5), Soils in California Ecosystems (U) SSC 100
  ☐ Soil Science 111 (4), Soil Microbiology (W) CHE 2C & BIS 2B
  ☐ Soil Science 112 (3), Soil Ecology (not currently being offered) BIS 2B, SSC 100
  ☐ Soil Science 118 (4), Soils in Land Use and the Environment (S) SSC 100 OR CONSENT OF INSTRUCTOR
  ☐ Plant Sciences 152 (4), Plant Genetics (F) BIS 2A OR CONSENT OF INSTRUCTOR or
Environmental Horticulture 150 (3), Genetics and Plant Conservation: The Biodiversity Crisis (S)  
BIS 2C

☐ Two of:
  _____ Plant Biology 117 (4), Plant Ecology (F) BIS 2C
  _____ Environmental Science and Policy 155 (4), Wetland Ecology (F) ESP 100 or PLB 117
  _____ Plant Sciences 147 (3), Survey of Plant Communities of California (S) PLS 2 or BIS 2C
  _____ Plant Science 131 (2), Identification and Ecology of Grasses (not currently being offered)
    BIS 2C or PLS 2; PLS 102 recommended
  _____ Plant Sciences 144 (4), Trees and Forests (F) PLS 2 or BIS 2C
  _____ Wildlife, Fish & Conservation Bio. 156 (4), Plant Geography (S odd years) ESP 100 or EVE 101; WFC 155 (may be taken concurrently)
  _____ Wildlife, Fish & Conservation Bio. 157 (4), Coastal Ecosystems (S even years) ESP 100 or EVE 101

☐ One of:
  _____ Evolution & Ecology 100 (4), Introduction to Evolution (FSU) BIS 2C, MAT 16C
  _____ Plant Sciences 102 (5), California Floristics (S) PLS 2 or BIS 2C
  _____ Plant Biology 108 (5), Systematics and Evolution of Angiosperms (S) BIS 2C
  _____ Plant Biology 116 (5), Plant Morphology and Evolution (W) BIS 2C or PLS 2

☐ Three of:
  _____ Plant Sciences 130 (3), Rangeland Ecology (W of even years) BIS 2C or PLS 2
  _____ Wildlife, Fish & Conservation Bio 155L (2) Habitat Conservation and Restoration Lab (W)
    EVE 101 or ESP 100
  _____ Plant Sciences 135 (3), Ecology of Grassland Herbivores (not currently offered)
  _____ Plant Sciences 150 (4), Sustainability and Agroecosystem Management (S) SSC 10,
    CHE 2A, & (PLS 2 or BIS 2C)
  _____ Environmental Science & Policy 127 (4), Plant Conservation (W odd years) ESP 100
  _____ Environmental Science & Policy 155L (3), Wetland Ecology Lab (F) ESP 115 (may be taken concurrently)
  _____ Wildlife, Fish & Conservation Bio. 154 (4), Conservation Biology (F) EVE 101 or ESP 100
  _____ Wildlife, Fish & Conservation Bio. 153 (3) Habitat Conservation & Restoration (W)
    EVE 101 or ESP 100 or Equivalent Course; course 154 and ENH 160 recommended

☐ Plant Sciences 176 (4), Weed Science (W) PLS 2 or BIS 2C

☐ One of:
  _____ Environmental Science & Management 100 (4), Principles of Hydrologic Science (F) CHE 2B, MAT 16B, PHY 7A or 9A
  _____ Geology 35 (3), Rivers (not being offered)
  _____ Hydrology 143 (3), Hydrological Processes in Ecosystems (W even years) HYD 143 or ESM 100
  _____ Hydrology 147 (3), Runoff, Erosion and Water Quality Management in the Tahoe Basin (not currently being offered) PHY 7B, MAT 16C, ESM 100
  _____ Hydrology 151 (4), Field Methods in Hydrology (W odd years?) ESM 100 or HYD 141

☐ Plant Sciences 171 (4), Plant Propagation (S) PLS 2, BIS 2C or Environmental Horticulture 120 (3), Management of Container Media (F) SSC 10

☐ Plant Sciences 100C (3), Plant-Environment Interaction (S) PLS 100A or ENH 102, or
  one from each of these two lists:
  ☐ Plant Sciences 158 (4), Mineral Nutrition of Plants (S of odd years) PLS 100A or PLB 111,
    or ENH 102 or VEN 110 or Soil Science 109 (5), Nutrient Cycling and Management (S)
    SSC 100
  ☐ Hydrology 110 (3), Irrigation Principles and Practices (not currently being offered) PHY 7A,
    SSC 100 recommended or Hydrology 124 (4), Plant-Water-Soil Relationships (S) SSC 100,
    one upper division in plant sciences or plant biology

☐ Environmental Science & Management 141 (4), Fire in Natural Ecosystems (W) BIS 2C

☐ Plant Sciences 163 (4), Ecosystem and Landscape Ecology (W) upper division course in general,
  plant or soil ecology or Landscape Architecture 180F (4), Landscape Ecology (Not Currently
  Being Offered) LDA 150 or introductory course in Ecology

☐ One of:
  _____ Environmental Horticulture 102 (4), Physiological Principles (F) BIS 2C or PLS 2
  _____ Plant Biology 111 (3), Plant Physiology (F) BIS 2C, CHE 8B, PHY 7C, PLB 105
recommended

Plant Sciences 100A (3), Metabolic Processes of Cultivated Plants (F) PLS 2 or BIS 2C or consent of instructor

Plant Sciences 157 (4), Environmental Stresses in Plants (not being offered) PLS 100C or PLB 111 or 112 or ENH 102 or VEN 110

Plant Sciences 158 (4), Mineral Nutrition of Plants (S Odd Years) PLS 100A or PLB 111 or ENH 102 or VEN 110

☐ One of:

- Environmental Science & Policy 160 (4), Environmental Decision Making (S?) POL 1, ECN 1A, intermediate STA, ESP 172
- Environmental Science & Policy 161 (4), Environmental Law (S) Upper Div standing & a course in environmental Science, BIS 2A, ENT 10, POL 1, UWP 1 (recommended)
- Environmental Science & Policy 171 (4), Environmental Planning (S) ESP 1, 1 course in social science, 2 course in environmental sciences
- Environmental Science & Policy 172 (4), Public Lands Management (F) ECN 1A
- Environmental Science & Policy 179 (3), Environmental Impact Reporting (W) upper div and one course in environmental science

☐ Plant Sciences 192 (2), Internship (FWSU)

☐ Restricted Elective (3), selected in consultation with advisor