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| **BS in ENVIRONMENTAL SCIENCE (2011 curriculum)** |
| **COMMON PREREQUISITES** |
| **ENVIRONMENTAL MANAGEMENT** | **NATURAL SCIENCE** |
| BOT2010/ General Botany/Lab (4)CHM2045/L General Chem 1/Lab (4)CHM2046/L General Chem 2/Lab (4)MAC1140 Precalculus Algebra (3)STA2023 Elements of Statistics (3)choose 1:GEO1200/L Physical Geography/Lab (4)GLY2010/L Physical Geology/Lab (4) | BOT2010/ General Botany/Lab (4)CHM2045/L General Chem 1/Lab (4)CHM2046/L General Chem 2/Lab (4)GLY2010/L Physical Geology/Lab (4)MAC2311 Analytical Geometry & Calculus 1 (4)PHY2048/L University Physics/Lab (4)STA2023 Elements of Statistics (3 |
| 22 hours in common prerequisites (EM track) | 27 hours in common prerequisites (NS track) |
| **CORE COURSES (for both EM and NS tracks)** |
| **Content**GEO3250/L Weather & Climate/Lab (4)GEO3260/L Geography of Soils/Lab (4)GEO4280/L Basic Hydrology/Lab (4)GEO4316/L Landscape Biogeography/Lab (4)**Techniques/Skills**EVR3894 Environmental Writing (3)GEO4164 Geostatistics (3)GIS3015/L Cartographic Skills/Lab (4)GIS4035 Photo Interpretation & Remote Sensing/Lab (4)GIS4043/L Intro to GIS/Lab (4)**Capstone**EVR4941 Practicum or GIS4944 GIS InternshipGEO4332 Senior Seminar (1) |
| 38 upper-level hours in core curriculum |
| **ENVIRONMENTAL MANAGEMENT** | **NATURAL SCIENCE** |
| **EM Core Courses**GEO3372 Conservation of Natural Resources (3)**EM Electives**Choose 1:ECO3003 Principles of Economic Theory and Public Policy (3) or ECP4302 Environmental Economics and Policy (3)Choose 1:GEO4221/L Coastal Morphology & Processes/Lab (4)GLY3031C Environmental Geology/Lab (4)PCB4043/L Ecology/Lab (4)Choose 1:GIS4048 Applications in GIS (3)GIS4071 Methods & Techniques (3)Choose 1:EVR4870 Land-Use Management (3)EVR4412 Environmental Aspects of Urban Growth (3)GEO4333 Seminar in Environmental Issues (3)Choose 1:EVR4035 Environmental Law (3)EVR4823 Environmental Impact Assessment (3)+ any upper-level course with prefix of EVR, GEA, GEO, or GIS (3) | **NS Core Courses**CHM3120/L Analytical Chemistry (4)PCB4043/L Ecology/Lab (4)GLY3031C Environmental Geology/Lab (4)**NS Electives**Choose 1:EVR4023 Coastal & Marine Environments (3)GEO4221/L Coastal Morphology & Processes/Lab (4)Choose 1:CHM4930 Environmental Chemistry (3)GLY4240 Geochemistry (3)GLY4244 Biogeochemistry (3)Choose 1:GIS4048 Applications in GIS (3)GIS4071 Methods & Techniques (3) |
| 22- upper-level hours in EM specialization | 21-22 upper-level hours in NS specialization |
| **60 total upper-level hours in EM track** | **59-60 total upper-level hours in NS track** |