Watershed Sciences Minor

Watershed science and management is an expanding field that involves managing the availability, quantity, and quality of water. Many major metropolitan areas and smaller cities rely on forested watersheds to purify the necessary drinking water for their populations. Many highly trained and dedicated professionals, knowledgeable in hydrology, climates, and water sciences, are needed in coming years to be certain this necessary commodity is provided to the United States and the world’s growing populations.

15 hours required for minor.

<table>
<thead>
<tr>
<th>Core Electives (9 hours required)</th>
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<tbody>
<tr>
<td>NATR 4240 Watershed Management</td>
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<tr>
<td>FORY 5250 Wetland Ecology and Management</td>
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<tr>
<td>CSES 5080 Soil Resources and Conservation</td>
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<tr>
<td>GEOG 5550 Geography of Water Resources</td>
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Note: Classes not used to meet Core Elective requirements may be used for Concentration Elective credit

Concentration Electives (minimum of 6 hours within or across concentrations)

**Agronomy and Soils**
- CSES 2040 Basic Soil Science
- CSES 5000 Soils & Environmental Quality

**Biological Sciences**
- BIOL 4535 Coastal Zone Management

**Landscape Architecture**
- LAND 5350 Construction III: Hydrologies

**Fisheries and Allied Aquaculture**
- FISH 5220 Water Science
- FISH 5520 Small Impoundment Management
- FISH 5320 Limnology

**Forestry and Wildlife Sciences**
- FOWS 5140 Watershed Services
- FOWS 5220 Landscape Ecology

**Geology and Geography**
- GEOL 4260 Introduction to Geochemistry
- GEOL 5100 Hydrogeology
- GEOG 5720 Panama Study Abroad - Climate Change and Environment 3
- GEOG 2020 Physical Geography
- GEOG 5210 Climatology
- GEOG 5220 Geomorphology

Note: Courses required for student major may not be used to satisfy concentration electives. This includes Restricted Elective Courses for the SFWS Natural Resource Management students.