Urban Environmental Science Minor

The Urban Environmental Sciences minor was approved in spring 2013. This minor will prepare students to help cities meet the special challenges of managing natural resources in an urban environment. Urban environmental scientists will be involved in storm flow analysis, tree planting and care, grant proposals, and supervision of municipal employees. The courses required are shown in the table below.

15 hours required for Minor.

**Core Electives (9 Hours Required)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>FOWS 5050</td>
<td>Urban Ecology</td>
</tr>
<tr>
<td>FORY 5650</td>
<td>Urban Forestry</td>
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<tr>
<td>GEOG 5010</td>
<td>Urban Geog and Sustainability</td>
</tr>
</tbody>
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**Concentration Electives (minimum of 6 hours within or across concentrations)**

- **Rural Sociology**
  - GEOG 5510 Human-Environment Interaction 3
  - RSOC 5650 Sociology of Natural Resources and the Environment

- **Agronomy and Soils**
  - CSES 5080 Soil Resources and Conservation

- **Landscape Architecture**
  - LAND 5340 Urban Studies I: American Urban Landscapes
  - LAND 5350 Construction III: Hydrologies
  - LAND 5360 Dynamic Systems I: Urban Ecologies

- **Community Planning**
  - CPLN 5000 History and Theory of Urban Form
  - CPLN 5010 Introduction to Community Planning
  - CPLN 5060 Sustainable Transportation Planning and Policy
  - CPLN 5070 Environmental Planning
  - CPLN 5970 Special Topics: Current Issues in Planning 3

- **Civil Engineering**
  - CIVL 5230 Environmental Health Engineering
  - CIVL 5240 Air Pollution
  - CIVL 5330 Landfills
  - CIVL 5560 Planning for Multimodal Transportation Systems

- **Economics**
  - ECON 5100 Economics of Growth and Development
  - ECON 5200 Urban and Regional Economic Development

- **Entomology**
  - ENTM 5360 Landscape Entomology

- **Horticulture**
  - HORT 4270 Intermediate Landscape Design

- **Forestry and Wildlife Sciences**
  - FORY 5310 Environmental Ethics
  - FOWS 5320 Environmental Services
  - WILD 5410 Human-Wildlife Conflicts

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.