

# Environmental Science



**Forestry Theme** Forestry is the interdisciplinary profession whose focus is to create, manage, use, and conserve forests and associated resources in a sustainable manner. Foresters work in traditional, resource-based forestry enterprises in both the public and private sectors. In addition, urban forestry is becoming more important as cities address development and aesthetic concerns and spread of diseases and harmful insects.

	BA	BS
Required (3 courses, 12 cr)	<input type="checkbox"/> ESCI 101 (5) Intro Env Sci <input type="checkbox"/> ESCI 250 (5) Env Res Methods <input type="checkbox"/> ESCI 494 (2) Senior Sem (W) 12	<input type="checkbox"/> ESCI 101 (5) Intro Env Sci <input type="checkbox"/> ESCI 250 (5) Env Res Methods <input type="checkbox"/> ESCI 494 (2) Senior Sem (W) 12
Social Sciences (1 course or 4 cr)	<i>One Course From</i> <input type="checkbox"/> ECON 350 (4) Env Nat Res Econ <input type="checkbox"/> GEOG 292S (4) Pop Geog <input type="checkbox"/> GEOG 230S (4) Urban Geog <input type="checkbox"/> POLI 221S (4) State Local Gov <input type="checkbox"/> POLI 321 (4) Public Policy 4	<i>Two Courses From</i> <input type="checkbox"/> ECON 350 (4) Env Nat Res Econ <input type="checkbox"/> GEOG 292S (4) Pop Geog <input type="checkbox"/> GEOG 230S (4) Urban Geog <input type="checkbox"/> POLI 221S (4) State Local Gov <input type="checkbox"/> POLI 321 (4) Public Policy 8
Math or Comp Sci	<input type="checkbox"/> Statistics from MATH 127Q (4), BUSI 110Q, MATH 227 (4), or PSYC 107Q (4) 4	<input type="checkbox"/> Statistics from MATH 127Q (4), BUSI 110Q, MATH 227 (4), or PSYC 107Q (4) <input type="checkbox"/> MATH 131Q (4) Essen Calc <i>OR</i> MATH 201Q (4) Calc I and Math 202Q (4) Calc II <i>OR</i> COMP 150 (5) Programming 8-9
Foundational Courses	<input type="checkbox"/> BIOL 170B (5) Concepts 1 <input type="checkbox"/> BIOL 180B (5) Concepts 2 <input type="checkbox"/> GEOG 220N (5) Phys Geog <i>OR</i> GEOL 160B (5) Environ Geol <input type="checkbox"/> GEOG 222B (5) Weather and Climate <input type="checkbox"/> GEOG 306 (4) Remote Sensing <i>AND</i> GEOL 291 (2) Sp Data Anal <i>OR</i> Geog 390 (5) GIS 25-26	<input type="checkbox"/> BIOL 170B (5) Concepts 1 <input type="checkbox"/> BIOL 180B (5) Concepts 2 <input type="checkbox"/> GEOG 220N (5) Phys Geog <i>OR</i> GEOL 160B (5) Environ Geol <input type="checkbox"/> GEOG 222B (5) Weather and Climate <input type="checkbox"/> GEOG 306 (4) Remote Sensing <i>AND</i> GEOL 291 (2) Sp Data Anal <i>OR</i> Geog 390 (5) GIS 25-26
Advanced Courses	<input type="checkbox"/> BIOL 235 (5) Morphology of Vascular Plants <i>OR</i> BIOL 230 (4) Woody Plants <input type="checkbox"/> GEOG 225 (4) Biogeography <input type="checkbox"/> GEOG 380 (4) Forest Ecology 12-13	<input type="checkbox"/> BIOL 235 (5) Morphology of Vascular Plants <i>OR</i> BIOL 230 (4) Woody Plants <input type="checkbox"/> GEOG 225 (4) Biogeography <input type="checkbox"/> GEOG 380 (4) Forest Ecology 12-13
Research or Practicum Experience		<input type="checkbox"/> ESCI 490, ESCI 491, ESCI 492 1-4
Credits	57-59	66-71