

Environmental Science



Conservation Biology Theme Conservation biology is the study of the nature and status of Earth's biodiversity with the goal of protecting species, their habitats, and ecosystems from significant human impacts and excessive rates of extinction. Conservation biologists work in both the public and private sectors managing ecosystems and researching management strategies to preserve natural habitats and sustain endangered species.

	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"/> GEOL 160B (5) Environ Geol <i>OR</i> GEOG 220N (4) Physical Geography <input type="checkbox"/> GEOG 222B Weather and Climate (5) <input type="checkbox"/> GEOG 306 (4) Remote Sensing <i>AND</i> GEOL 291 (2) Sp Data Anal <i>OR</i> Geog 390 (5) GIS 24-26	<input type="checkbox"/> BIOL 170B (5) Concepts 1 <input type="checkbox"/> BIOL 180B (5) Concepts 2 <input type="checkbox"/> GEOL 160B (5) Environ Geol <i>OR</i> GEOG 220N (4) Physical Geography <input type="checkbox"/> GEOG 222B Weather and Climate (5) <input type="checkbox"/> GEOG 306 (4) Remote Sensing <i>AND</i> GEOL 291 (2) Sp Data Anal <i>OR</i> Geog 390 (5) GIS 24-26
Advanced Courses	<input type="checkbox"/> BIOL 346 (5) Ecology <input type="checkbox"/> BIOL 316 (5) Molecular Genetics <i>OR</i> BIOL 347 (4) Evolution <input type="checkbox"/> GEOG 225 (4) Biogeography 13-14	<input type="checkbox"/> BIOL 346 (5) Ecology <input type="checkbox"/> BIOL 316 (5) Molecular Genetics <i>OR</i> BIOL 347 (4) Evolution <input type="checkbox"/> GEOG 225 (4) Biogeography 13-14
Research or Practicum Experience		<input type="checkbox"/> ESCI 490, ESCI 491, ESCI 492 1-4
Credits	57-60	66-73