

# ENVIRONMENTAL AND SUSTAINABLE ENGINEERING, MINOR

## Degree Requirements (18-19 Hours)

### Required Courses (6 hours)

Course	Title	Credits
ECIV 350	Introduction to Environmental Engineering	3
ECIV 502	Life Cycle Assessment of Engineered Systems	3
<b>Total Credit Hours</b>		<b>6</b>

### Elective Courses (12-13 hours)

Course	Title	Credits
Select four of the following options:		12-13
CHEM 112 & 112L	General Chemistry II and General Chemistry II Lab	4
ECHE 372	Introduction to Materials <sup>1</sup>	3
ECHE 573	Next Energy	3
ECIV 551	Elements of Water and Wastewater Treatment	3
ECIV 555	Principles of Municipal Solid Waste Engineering	3
ECIV 558	Environmental Engineering Process Modeling <sup>1</sup>	3
ENVR 533	Sustainability Projects Course	3
ENVR 531	Sustainability Management and Leadership Strategies	3-4
GEOG 321	Sustainable Cities	3
GEOG 530	Environmental Hazards	3
GEOL/MSCI 335	Processes of Global Environmental Change	4
GEOG 560	Earth Resource Management	3
GEOG 570	Environmental Hydrogeology <sup>1</sup>	3
GEOG 575	Numerical Modeling for Earth Science Applications <sup>1</sup>	3

<sup>1</sup> Prerequisite requirements not included in the minor that may require additional hours, but may be applied elsewhere in a student's program of study, if applicable.