

# Environmental Engineering, Water Systems & Sustainability Concentration Curriculum Map

Students should use this curriculum map as a guide to have a more informed discussion with the departmental academic advisor when selecting courses.

Students not taking courses as advised may result in a delayed graduation date.

<i>First Year</i>		<i>Second Year</i>		<i>Third Year</i>		<i>Fourth Year</i>	
16-17 hrs	17-18 hrs	16 hrs	17 hrs	16 hrs	15 hrs	17 hrs	13 hrs
CEE 190 (4)	MATH 231 (3)	CEE 201 (3)	CEE 202 (3)	CEE 331 (4)	CEE 330 (3)	CEE 433 (3)	CEE 449 (3)
CHEM 102 (3)	CHEM 104 (3)	ATMS 201 (3)	ATMS 202 (3)	CHEM 232 (3)	CEE 350 (3)	CEE 434 (3)	CEE 453 (4)
CHEM 103 (1)	CHEM 105 (1)	MATH 241 (4)	PHYS 213 (2)	ECE 316 (3) <sup>6</sup>	CHEM 360 (3)	CEE 451 (3)	ACE 310 (3)
ENG 100 (1) <sup>2</sup>	PHYS 211 (4)	MATH 257 (3)	TAM 211 (3)	ECON 102 or ACE 100 (3) <sup>5</sup>	MATH 285 (3)	CEE 450 (3)	ENSU 301 (3)
MATH 221 (4) <sup>1</sup>	CS 101 (3)	Gen Ed Elect (3) <sup>7</sup>	Free Elect (6) <sup>4</sup>	TAM 212 (3)	Gen Ed Elect (3) <sup>7</sup>	CEE 495 (0)	
RHET 105 (4) <sup>3</sup>	SE 101 (3) <sup>3</sup>					Free Elect (5) <sup>4</sup>	

<sup>1</sup> MATH 220 may be substituted. MATH 220 is appropriate for students with no background in calculus. 4 of 5 credit hours count towards degree.
<sup>2</sup> External transfer students take ENG 300.
<sup>3</sup> RHET 105 (or an alternative Composition I sequence) is taken either in the first or second semester of the first year, according to the student's UIN (Spring if UIN is Odd). SE 101 is taken the other semester. Composition I guidelines can be found at <a href="http://catalog.illinois.edu/general-information/degree-general-education-requirements/">http://catalog.illinois.edu/general-information/degree-general-education-requirements/</a> under Written Communication Requirement.
<sup>4</sup> Additional coursework, subject to the Grainger College of Engineering restrictions to Free Electives, so that there are at least 128 credit hours earned toward the degree ( <a href="http://go.grainger.illinois.edu/FreeElectives">go.grainger.illinois.edu/FreeElectives</a> ).
<sup>5</sup> Choice of either ECON 102 or ACE 100 for this semester slot.
<sup>6</sup> ECE 316 fulfils the campus general education requirements for both Advanced Composition and Humanities & the Arts.
<sup>7</sup> General education: Students must complete the Campus General Education requirements including the campus cultural studies requirement. Choosing a course in the Humanities & the Arts or Social & Behavioral Sciences that also meets the cultural studies requirement is recommended. <a href="http://catalog.illinois.edu/general-information/degree-general-education-requirements/">http://catalog.illinois.edu/general-information/degree-general-education-requirements/</a> under Cultural Studies.



