

BS in Civil Engineering with concentration in Environmental

Freshman

Fall	Hours	Spring	Hours
CE 101		2 ARCE 217	3
MATH 125 (Core 34: Math & Statistics (SGE)) ^{030***}		4 MATH 126	4
CHEM 150		5 Core 34: English (SGE) ⁰¹⁰	3
Core 34: Communications (SGE) ⁰²⁰		3 EPHX 210 or PHSX 211 (Core 34: Natural & Physical Sciences (SGE)) ^{040***}	3
Core 34: English (SGE) ⁰¹⁰		3 PHSX 216 (Core 34: Natural & Physical Sciences (SGE)) ^{040***}	1
		Natural Science Elective Requirement	3
	17		17

Sophomore

Fall	Hours	Spring	Hours
CE 260		5 CE 240	3
MATH 127		4 CE 310	3
PHSX 212		3 CE 477	3
Core 34: Arts & Humanities (SGE) ⁰⁶⁰		3 MATH 220	3
		ECON 104, 142, or 144 (Core 34: Social & Behavioral Sciences (SGE)) ^{050***}	3
	15		15

Junior

Fall	Hours	Spring	Hours
CE 330		3 CE 412 or 484	3
CE 331		1 CE 455	3
CE 461		3 CE 487	4
CE 320 or EECS 138		3 CE 525	3
Engineering Science Elective ^A		3 Core 34: Social & Behavioral Sciences Elective (SGE) ⁰⁵⁰	3
Core 34: Arts & Humanities Elective (SGE) ⁰⁶⁰		3	
	16		16

Senior

Fall	Hours	Spring	Hours
CE 552		3 CE 501	2
CMGT 457		3 CE 576 (KU Capstone Course)	3
CE 562 or 563		3 Civil Engineering Design Elective ^B	3
CE 570 or 573		3 Environmental Design Elective ^C	3

Core 34: US Culture (SGE) ⁰⁷⁰	3	Core 34: Global Culture (SGE) ⁰⁷⁰	3
CE Technical Elective ^D		3 Fundamentals of Engineering Exam	0
	18		14

Total Hours 128

- A One course is selected from a pre-approved list of courses that meet ABET criteria for engineering science content in the areas of materials science, thermodynamics, circuit design, or environmental analysis.
- B One of the following three courses must be taken, all of which meet ABET criteria for engineering design content: CE 582 Highway Engineering, CE 588 Foundation Engineering, or CMGT 500 Construction Engineering
- C One course is selected from a pre-approved list of courses that meet ABET criteria for engineering design and are in the field of environmental & water resources engineering.
- D Technical electives are selected from 500-level and above courses in Civil Engineering, Architectural Engineering, or Construction Management not already taken, or 600-level and above courses from other engineering departments. All technical electives must meet ABET criteria for engineering science or design content.

Notes:

- * - This course is a Required major course and is also part of Core 34: Systemwide General Education. If this course is not taken to fulfill the Core 34:SGE requirement, it must be taken in place of elective hours.
- ** - This course is a Recommended Core 34: Systemwide General Education course. This specific course is not required but is recommended by the program's faculty.
- *** - This course is a Required Core 34: Systemwide General Education course. This program is approved by the Kansas Board of Regents to require this specific Core 34: Systemwide General Education course. If a student did not take this course it must be taken in addition to other degree requirements.