

# BS in Chemical Engineering

## Freshman

Fall	Hours Spring	Hours
C&PE 111	1 C&PE 112	1
CHEM 170 or 130	5 CHEM 175 or 135	5
MATH 125 (Core 34: Math and Statistics (SGE)) <sup>030***</sup>	4 MATH 126	4
Core 34: English (SGE) <sup>010</sup>	3 EPHX 210 or PHSX 211 (Core 34: Natural and Physical Sciences (SGE)) <sup>040***</sup>	3
Core 34: Communications (SGE) <sup>020</sup>	3 PHSX 216 (Core 34: Natural and Physical Sciences (SGE)) <sup>040***</sup>	1
	ENGL 102 (Core 34: English (SGE)) <sup>010</sup>	3
	<b>16</b>	<b>17</b>

## Sophomore

Fall	Hours Spring	Hours
C&PE 211	3 C&PE 221	3
CHEM 330	3 C&PE 325	3
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3 MATH 220	3
PHSX 212	3 MATH 290	2
PHSX 236	1 Engineering Elective	3
MATH 127	4 Core 34: US Culture (SGE) <sup>070</sup>	3
	<b>17</b>	<b>17</b>

## Junior

Fall	Hours Spring	Hours
C&PE 511	3 C&PE 524	3
C&PE 512	3 C&PE 525	4
CHEM 525	4 C&PE 624	3
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3 Advanced Science Elective	3
Engineering Elective	3 Core 34: Social and Behavior Science (SGE) <sup>050</sup>	3
	<b>16</b>	<b>16</b>

## Senior

Fall	Hours Spring	Hours
C&PE 611	3 C&PE 613 (Capstone)	4
C&PE 615	3 C&PE 626	3
C&PE 616	3 Engineering or Advanced Science Elective	3
Engineering Elective	3 Core 34: Social and Behavior Science (SGE) <sup>050</sup>	3
Core 34: Global Culture (SGE) <sup>070</sup>	3	
	<b>15</b>	<b>13</b>

**Total Hours 127**

## 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.