

# BS in Engineering Physics with concentration in Chemical Systems

The recommended 4-year plan is listed below by semester to semester enrollment, but may vary according to existing credits.

## Freshman

Fall	Hours Spring	Hours
CHEM 170, 130, or 190 <i>and</i> 191	5 CHEM 175, 135, or 195 <i>and</i> 196	5
MATH 125 (Core 34: Math & Statistics (SGE)) <sup>030***</sup>	4 MATH 126	4
PHSX 150	1 EPHX 210 or PHSX 213 (Core 34: Natural & Physical Sciences (SGE)) <sup>040***</sup>	3
Core 34: English (SGE) <sup>010</sup>	3 PHSX 216 or 213 (Core 34: Natural & Physical Sciences (SGE)) <sup>040***</sup>	1
Core 34: Communications (SGE) <sup>020</sup>	3 Core 34: English (SGE) <sup>010</sup>	3
	<b>16</b>	<b>16</b>

## Sophomore

Fall	Hours Spring	Hours
C&PE 211	3 C&PE 325	3
CHEM 330	3 C&PE 221	3
MATH 127	4 MATH 220 or 320	3
MATH 290	2 PHSX 313	3
PHSX 212 or 214	3 PHSX 316	1
PHSX 236 or 214	1 Core 34: Social & Behavioral Sciences (SGE) <sup>050</sup>	3
	<b>16</b>	<b>16</b>

## Junior

Fall	Hours Spring	Hours
C&PE 511	3 C&PE 524	3
C&PE 512	3 C&PE 525	4
CHEM 525 or 530	4 EPHX 611	3
EPHX 521	3 Core 34: Social & Behavioral Sciences (SGE) <sup>050</sup>	3
Core 34: Arts & Humanities (SGE) <sup>060</sup>	3 Core 34: Arts & Humanities (SGE) <sup>060</sup>	3
	<b>16</b>	<b>16</b>

## Senior

Fall	Hours Spring	Hours
C&PE 611	3 C&PE 613	4
C&PE 615	3 C&PE 626	3
C&PE 616	3 EPHX 601 (Capstone)	4
EPHX 531	3 Core 34: Global Culture (SGE) <sup>070</sup>	3

Core 34: U.S. Culture (SGE)<sup>070</sup> 3

15

14

**Total Hours 125**

### 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.