

# BS in Physics with concentration in Physics Teacher Education

Below is a sample 4-year plan for students pursuing the BS in Physics with concentration in Physics Teacher Education. To view the list of courses approved to fulfill Core 34, please visit the KU Core 34 page (<https://catalog.ku.edu/core34/>).

## Freshman

Fall	Hours Spring	Hours
PHSX 150 (Major Requirement)	0.5 PHSX 213 or 211 <i>and</i> 216 (Major Requirement)	5
MATH 125 (Core 34: Math and Statistics (SGE), Major Requirement) <sup>030*</sup>	4 MATH 126	4
EECS 138 or 168 (Major Requirement) <sup>1</sup>	3 C&T 291	1
C&T 290	1 Core 34: English (SGE) <sup>010</sup>	3
CHEM 130, 150, 170, or 190 <i>and</i> 191 (Core 34: Natural and Physical Sciences (SGE), Major Requirement) <sup>040*</sup>	5 Core 34: Communications (SGE) <sup>020</sup>	3
Core 34: English (SGE) <sup>010</sup>		
	<b>13.5</b>	<b>16</b>

## Sophomore

Fall	Hours Spring	Hours
PHSX 214 or 212 <i>and</i> 236 (Major Requirement)	4 PHSX 313 (Major Requirement)	3
MATH 127 (Major Requirement)	4 PHSX 316 (Major Requirement)	1
MATH 290 (Major Requirement)	2 PHSX 315 (Major Requirement)	3
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3 MATH 320 or 220 (Major Requirement)	3
Core 34: Social and Behavior Science (SGE) <sup>050</sup>	3 C&T 360	3
	Core 34: Global Culture (SGE) <sup>070</sup>	3
	<b>16</b>	<b>16</b>

## Junior

Fall	Hours Spring	Hours
PHSX 521 (Major Requirement)	3 PHSX 536	4
C&T 366	3 PHSX 598	3
C&T 448	3 PHSX 611 (Major Requirement)	3
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3 PHSX 621 (Major Requirement)	3
Core 34: US Culture (SGE) <sup>070</sup>	3 HIST 363	3
	<b>15</b>	<b>16</b>

## Senior

Fall	Hours Spring	Hours
PHSX 531 (Major Requirement)	3 C&T 490	6-7
PHSX 616	4 C&T 495 (Capstone)	3
PHSX 671 (Major Requirement)	3 Core 34: Social and Behavioral Sciences <sup>050</sup>	3
PHSX 711 (Major Requirement)	3	
C&T 460	3	
	<b>16</b>	<b>12-13</b>

## Total Hours 120.5-121.5

<sup>1</sup> Course offering using the python programming language recommended.

Please note:

All students in the College of Liberal Arts and Sciences are required to complete 120 total hours of which 45 hours must be at the Jr/Sr (300+) level.

Hour requirements (incl. 45 jr/sr hrs) are typically met through Core 34, degree, major, second area of study and/or elective hours. Individual degree mapping is done in partnership with your advisor.

## 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.