

BS in Physics with concentration in Pre-Professional Physics

Below is a sample 4-year plan for students pursuing the BS in Physics with concentration in Pre-Professional Physics. To view the list of courses approved to fulfill KU Core Goals, please visit the KU Core website (<http://kucore.ku.edu/courses>).

Freshman

Fall	Hours Spring	Hours
MATH 125 (Major Requirement, Goal 1.2)	4 MATH 126	4
CHEM 130, 150, 170, or 190 and 191 (Major Requirement)	5 PHSX 211 (Goal 1.1, Major Requirement) ¹	4
PHSX 150 (Major Requirement)	0.5 PHSX 216 (Major Requirement) ¹	1
Elective/KU Core	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	3
	15.5	15

Sophomore

Fall	Hours Spring	Hours
PHSX 212 (Goal 3 Natural Science, Major Requirement) ²	3 MATH 320 (Major Requirement)	3
PHSX 236 (Major Requirement) ²	1 PHSX 503 or 501 (Major Requirement)	1
MATH 290 (Major Requirement)	2 PHSX 313 (Major Requirement)	3
MATH 127 (Major Requirement)	4 PHSX 316 (Major Requirement)	1
EECS 138 or 168 (Major Requirement)	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	3
	16	14

Junior

Fall	Hours Spring	Hours
PHSX 521 (Major Requirement)	3 PHSX 511 (Major Requirement)	3
Math Elective (Major Requirement)	3 PHSX 621 (Major Requirement)	3
PHSX 516	4 PHSX 536 (Major Requirement)	4
Elective/KU Core	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	1
	16	14

Senior

Fall	Hours Spring	Hours
PHSX 711 (Major Requirement)	3 PHSX 631 (Major Requirement)	3
PHSX 531 (Major Requirement)	3 PHSX Elective (Major Requirement)	3

PHSX 671 (Major Requirement)	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	3
	15	15

Total Hours 120.5

- PHSX 213 may be substituted in place of the combination of PHSX 211 and PHSX 216
- PHSX 214 may be substituted in place of the combination of PHSX 212 and PHSX 236

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.

The same course cannot be used to fulfill more than one KU Core Goal. However, overlap of a KU Core course with a major or degree-specific requirement is allowed. Overlapping is recommended to allow more opportunities to explore other majors and/or minors.