

BS in Physics with concentration in Interdisciplinary Physics

Below is a sample 4-year plan for students pursuing the BS in Physics with concentration in Interdisciplinary 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 (Goal 1.2, Major Requirement)	4 MATH 126 (Major Requirement)	4
PHSX 150 (Major Requirement)	0.5 PHSX 211 (Goal 1.1, Major Requirement) ¹	4
CHEM 130, 150, 170, or 190 and 191 (Major Requirement)	5 PHSX 216 (Goal 5, 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 Chemistry, Biology, or Geology Elective (Major Requirement)	3
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 PHSX 503 or 501 (Major Requirement)	1
	16	14

Junior

Fall	Hours Spring	Hours
PHSX 521 (Major Requirement)	3 PHSX 511 (Major Requirement)	3
Math Elective (Major Requirement)	3 PHSX 536 or 621 (Major Requirement)	4
Elective/KU Core	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	3
	15	16

Senior

Fall	Hours Spring	Hours
PHSX 516 or 711 (Major Requirement)	4 Interdisciplinary Science Elective (Major Requirement)	3

PHSX 531 (Major Requirement)	3 PHSX Elective (Major Requirement)	3
PHSX 671 (Major Requirement)	3 PHSX 631, 621, or 536 (Major Requirement)	3
Interdisciplinary Science Elective (Major Requirement)	3 Elective/KU Core	3
Elective/KU Core	3 Elective/KU Core	1
	16	13

Total Hours 120.5

- ¹ PHSX 213 may be substituted in place of the combination of PHSX 211 and PHSX 216
- ² 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.