

BS in Physics with concentration in Pre-Medicine

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.

The BS in Physics, Pre-Medicine concentration, provides coursework and training necessary for students interested in pursuing a career in medicine, medical physics, or biophysics. The requirements of this degree program are designed to meet the admission requirements of regional medical schools.

Below is a sample 4-year plan for students pursuing the BS in Physics with concentration in Pre-Medicine. 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
PHSX 150	0.5 CHEM 135	5
MATH 125	4 MATH 126	4
CHEM 130	5 Elective/KU Core	3
BIOL 150	4 PHSX 213 or 211 <i>and</i> 216	5
Elective/KU Core	3	
	16.5	17

Sophomore

Fall	Hours Spring	Hours
PHSX 214 or 212 <i>and</i> 236	4 BIOL 350	4
MATH 127	4 CHEM 335	3
CHEM 330	3 CHEM 336	2
CHEM 331	2 MATH 290	2
BIOL 152	4 MATH 320 or 220	3
	PHSX 313	3
	17	17

Junior

Fall	Hours Spring	Hours
PHSX 316	1 BIOL 400	3
PHSX 521	3 BIOL 546	3
BIOL 595	3 PHSX 511	3
BIOL 600 or 636	3 PHSX 501 or 503	1
BIOL 601 or 637	2 Elective/KU Core	3
Elective/KU Core	1	
	13	13

Senior

Fall	Hours Spring	Hours
PHSX 531	3 BIOL 503	3
PHSX 671	3 BIOL, MATH, or PHSX Elective (above 400 level)	3-4
CHEM 520	5 PHSX 516	4
Elective/KU Core	3 Elective/KU Core	3
	14	13-14

Total Hours 120.5-121.5

Please note: