BS in Physics with concentration in Pre-Medicine

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

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<tbody>
<tr>
<td>PHSX 150</td>
<td>0.5</td>
<td>PHSX 213 or 211 and 216</td>
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<tr>
<td>MATH 125</td>
<td>4</td>
<td>CHEM 135</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 130</td>
<td>5</td>
<td>MATH 126</td>
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<tr>
<td>BIOL 150</td>
<td>4</td>
<td>BIOL 152</td>
<td>4</td>
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<tr>
<td>PSYC 104 or SOC 104</td>
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### Sophomore

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<tbody>
<tr>
<td>PHSX 214 or 212 and 236 (Goal 3 Natural Science, Major Requirement)</td>
<td>4 BOL 350</td>
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<td>MATH 127</td>
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<td>CHEM 335</td>
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<tr>
<td>CHEM 330</td>
<td>3</td>
<td>CHEM 336</td>
<td>2</td>
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<tr>
<td>CHEM 331</td>
<td>2</td>
<td>MATH 290</td>
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<td>MATH 320 or 220</td>
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<td>PHSX 313</td>
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### Junior

<table>
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<td>PHSX 316</td>
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<td>BOL 600</td>
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<tr>
<td>PHSX 521</td>
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<td>BOL 546 or 240</td>
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<tr>
<td>BIOL 240 or 546</td>
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<td>PHSX 511</td>
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<tr>
<td>BIOL 400</td>
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<td>PHSX 501 or 503</td>
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<td>SPAN 104</td>
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<td>Elective/KU Core</td>
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### Senior

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<tbody>
<tr>
<td>PHSX 503</td>
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<td>BOL, MATH, or PHSX Elective (above 400 level)</td>
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<tr>
<td>PHSX 531</td>
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<td>PHSX 516</td>
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<td>PHSX 671</td>
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<td>Elective/KU Core</td>
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<tr>
<td>BIOL 503</td>
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<td>Elective/KU Core</td>
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<td>CHEM 520</td>
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Total Hours 120.5

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.