# B.S. Health Physics

The following courses are required in addition to completion of 8 of the 9 General Education Objectives for the B.S. degree (a minimum of 36 credits—see the General Education Requirements (http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation) described in the Academic Information section of this catalog).

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>BIOL 1101 &amp; 1101L</td>
<td>Biology I and Biology I Lab (Partially satisfies General Education Objective 5)</td>
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<td>BIOL 3301 &amp; 3301L</td>
<td>Advanced Human Anatomy and Physiology 1 and Advanced Human Anatomy and Physiology 1 Lab</td>
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<td>BIOL 3302 &amp; 3302L</td>
<td>Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab</td>
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<td>CHEM 1102 &amp; CHEM 1103</td>
<td>Essentials of Organic and Biochemistry and Essentials of Organic and Biochemistry Laboratory (Partially satisfies General Education Objective 5)</td>
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<td>CHEM 1111 &amp; 1111L</td>
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<td>CS 1181</td>
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<td>ENGL 3307</td>
<td>Professional and Technical Writing</td>
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<td>HPHY 4416</td>
<td>Introduction to Nuclear Measurements</td>
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<td>Radiation Physics I</td>
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<td>HPHY 4433</td>
<td>External Dosimetry</td>
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<td>HPHY 4434</td>
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<td>HPHY 4455</td>
<td>Topics in Health Physics I</td>
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<td>HPHY 4480</td>
<td>Health Physics Capstone Course</td>
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<td>HPHY 4488</td>
<td>Advanced Radiobiology</td>
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<td>MATH 3350</td>
<td>Statistical Methods</td>
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<td>PHYS 2211 &amp; PHYS 2212</td>
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<td>NE 4451</td>
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