**PRE-PROFESSIONAL HEALTH SCIENCE, MINOR**

**Liberal Arts (Code 709-400)**

For advising, contact one of the pre-professional advisors listed with the pre-professional program of interest or contact the Biology Department for a referral.

This minor is designed for students preparing for post-baccalaureate health profession programs. Students in pre-dentistry, pre-optometry, pre-chiropractic, pre-pharmacy, pre-physical therapy, and other pre-professional health programs, as found in this catalog, may find this minor helpful in planning a baccalaureate degree. Because admission requirements vary widely among graduate programs, it is strongly recommended that the student consult with an advisor listed with the pre-professional program of interest. This minor may not be appropriate preparation for some graduate-level health profession programs.

Twenty-four credits are required from courses outside of the major department. At least eleven credits must be from courses numbered 300 or higher.

**Core:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
<td>4-6</td>
</tr>
<tr>
<td>or CHEM 115</td>
<td>Chemical Principles</td>
<td></td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 212</td>
<td>General Physics</td>
<td>4</td>
</tr>
<tr>
<td>or PHYS 232</td>
<td>University Physics II</td>
<td></td>
</tr>
</tbody>
</table>

**Select one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 312</td>
<td>Topics in Rhetoric and Science</td>
</tr>
<tr>
<td>ENGL 313</td>
<td>Topics in Rhetoric and Technology</td>
</tr>
<tr>
<td>ENGL 314</td>
<td>Topics in Rhetoric and Culture</td>
</tr>
<tr>
<td>ENGL 315</td>
<td>Visual Rhetorics of Science, Technology, and Culture</td>
</tr>
</tbody>
</table>

**Remaining credits are to be chosen from the following courses outside of one’s major:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>&amp; BIOL 314</td>
<td>and Human Anatomy and Physiology II ¹</td>
</tr>
<tr>
<td>BIOL 323</td>
<td>Genetics</td>
</tr>
<tr>
<td>BIOL 361</td>
<td>Biology of Microorganisms</td>
</tr>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Fundamentals of Biochemistry</td>
</tr>
<tr>
<td>ECON 280</td>
<td>Health Economics</td>
</tr>
<tr>
<td>ENPH 110</td>
<td>Introduction to Environmental Health</td>
</tr>
<tr>
<td>NRSG 211</td>
<td>Wellness: Food for Fitness</td>
</tr>
<tr>
<td>NRSG 212</td>
<td>Navigating Health Care</td>
</tr>
<tr>
<td>NRSG 213</td>
<td>Body, Mind, Spirit Wellness</td>
</tr>
<tr>
<td>NRSG 220</td>
<td>The Language of Health Care</td>
</tr>
<tr>
<td>NRSG 377</td>
<td>International Dimensions of Health Care</td>
</tr>
<tr>
<td>NRSG 385</td>
<td>Men's Health Issues</td>
</tr>
<tr>
<td>NRSG 389</td>
<td>Cross Cultural Health</td>
</tr>
</tbody>
</table>

¹ No credit for BIOL 214 unless BIOL 314 is taken, and only five credits of BIOL 214 and BIOL 314 may be counted toward the minor.