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.

<table>
<thead>
<tr>
<th>Core:</th>
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<tbody>
<tr>
<td><strong>BIOL 221</strong></td>
<td>Foundations of Biology I 4</td>
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<td><strong>BIOL 222</strong></td>
<td>Foundations of Biology II 3</td>
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<tr>
<td><strong>BIOL 223</strong></td>
<td>Foundations of Biological Inquiry 2</td>
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<tr>
<td><strong>CHEM 104</strong></td>
<td>General Chemistry II 4-6</td>
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<tr>
<td><strong>CHEM 109</strong></td>
<td>General Chemistry II with Lab</td>
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<tr>
<td>or <strong>CHEM 115</strong></td>
<td>Chemical Principles</td>
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<tr>
<td><strong>CHEM 325</strong></td>
<td>Organic Chemistry I with Laboratory 4</td>
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<tr>
<td><strong>CHEM 326</strong></td>
<td>Organic Chemistry II with Laboratory 4</td>
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<tr>
<td><strong>PHYS 212</strong></td>
<td>General Physics 4</td>
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<tr>
<td>or <strong>PHYS 232</strong></td>
<td>University Physics II 3</td>
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Select one of the following:

ENGL 312  Science Writing
ENGL 313  Technical Writing
ENGL 314  Cultural Rhetorics
ENGL 315  Visual Rhetorics
ENGL 316  Rhetorics of Science, Technology, and Culture

Or approved writing intensive course in the humanities or social sciences that satisfies the admissions requirements of the student’s health professional program.

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

BIOL 214 & BIOL 314  Human Anatomy and Physiology I and Human Anatomy and Physiology II
BIOL 305  Molecular and Cell Biology
BIOL 323  Genetics
BIOL 361  Biology of Microorganisms
CHEM 213  Quantitative Analysis
CHEM 352  Fundamentals of Biochemistry
ECON 280  Health Economics
ENPH 110  Introduction to Environmental Health
ENPH 450  Epidemiology
IDIS 301
Exploring Mind/Body Connections

MATH 114
Calculus I
MATH 246
Elementary Statistics

NRSG 211
Wellness: Food for Fitness
NRSG 212
Navigating Health Care
NRSG 213
Body, Mind, Spirit Wellness
NRSG 220
The Language of Health Care

NRSG/WGSS 265
Women's Health Issues
NRSG 377
International Dimensions of Health Care
NRSG 385
Men's Health Issues
NRSG 389
Cross Cultural Health

PHIL 306
Ethics of Health Care

PHYS 212
General Physics
or PHYS 232
University Physics II

PSYC 230
Human Development

* No credit for BIOL 214 unless BIOL 314 is taken.