## Health Professions Advising Schedule Planning

For details regarding specific prerequisites, by profession, see the [Health Professions Advising website](#).

The following is meant to suggest a possible plan for a number of the health professions.

In devising semester plans, it is recommended that students consult with their major academic advisor regarding time frames and major and core requirements.

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<th>Semester</th>
<th>Course</th>
<th>Discussion</th>
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| 1st Semester | BIOL 103 (if have not taken AP BIOL) or BIOL 213 (Cell Biology) if have taken AP BIOL or BIOL 103 | BIOL 213 is the prerequisite for other BIOL courses.  
CHEM 211 (General Chemistry I) and CHEM 213 (Lab)  
BIOL 214 (Biostatistics) or other statistics course. |
| 2nd Semester | BIOL 311 (Genetics) if BIOL 213 has been completed with a C or better. | Prerequisite for other CHEM courses.  
CHEM 212 (General Chemistry II) and CHEM 214 (Lab) |
| 3rd Semester | PHYS 243 (College Physics I) and PHYS 244 (Lab)  
CHEM 313 (Organic Chemistry I) and CHEM 315 (Lab) | PHYS 243 is a prerequisite for PHYS 245  
CHEM 313 is a prerequisite for CHEM 314 and CHEM 463 |
| 4th Semester | PHYS 245 (College Physics II) and PHYS 246 (Lab)  
CHEM 314 (Organic Chemistry II) and CHEM 316 (Lab) |                                          |

Depending on the health profession, the following courses can be added throughout:

- **ATEP 201** (Medical and Scientific Terminology)
- **BIOL 124** (Human Anatomy and Physiology) should be taken before BIOL 125.
- **BIOL 125** (Human Anatomy and Physiology)
- **BIOL 430** (Advanced Human Anatomy and Physiology I) is a prerequisite for BIOL 431.
- **BIOL 431** (Advanced Human Anatomy and Physiology II)
- **BIOL 305** (Biology of Microorganisms) BIOL 213 is a prerequisite.
- **BIOL 306** (Biology of Microorganisms Laboratory) BIOL 246 or 305 are corequisites.
- **BIOL 483/463** (General Biochemistry) BIOL 213 and CHEM 313 are prerequisites.
- **ENGH 101** (Composition)
- **ENGH 302** (Advanced Composition)
- **HAP 202** (Medical Terminology)
- **MATH 113** (Analytic Geometry and Calculus I) Requirement varies by health profession and school. C or better in MATH 104 or MATH 105 or specified score on math placement test needed.
- **PHIL 309** (Bioethics) Fulfills Mason Core Requirements in synthesis
- **PSYC 100** (Basic Concepts in Psychology)
- **SOCI 101** (Introductory Sociology)