

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

**ACCELERATED PRE-PHARMACY
PROGRAM: 3-YEAR PLAN**

Advisors: Drs. Evans and Troyer

| Fall 2015 | | | Spring 2016 | | |
|------------------|--------------------------------|-----------------|------------------------|--|-----------------|
| CH 161: | Principles of Chemistry I | 4 | BI 161: | Cell Biology ³ | 4 |
| HS 115: | Hist Persp on Cult & Civ I | 3 | CH 162: | Principles of Chemistry II | 4 |
| EN 121: | Academic Writing and Research | 3 | MA 141: | College Algebra & Trigonometry ² | 4 |
| EB 211: | Principles of Macroeconomics | 3 | HS 116: | Hist Persp on Cult & Civ II | 3 |
| EX 101: | Wellness for Life | 2 | | | |
| | | total 15 | | | total 15 |
| Fall 2016 | | | Spring 2017 | | |
| CH 263: | Organic Chemistry I | 4 | * BI 432: | General Microbiology ³ | 4 |
| MA 171: | Analytic Geometry & Calculus I | 4 | CH 264: | Organic Chemistry II | 4 |
| PH 211: | Principles of Physics I | 4 | MA 151: | Intro to Probability & Statistics ⁴ | 4 |
| | Elective ⁵ | 3 | * SO 141: | Cultural Anthropology | 3 |
| | | total 15 | | | total 15 |
| Fall 2017 | | | Spring 2018 | | |
| BI 241: | Human Anatomy & Physiology I | 4 | Electives ⁵ | | |
| CO 215: | Public Speaking | 3 | | | |
| | Electives ⁵ | | | | |
| | | total | total | | |

NOTES:

1. This Guide to Typical Programs is based on the pre-pharmacy requirements of the Manchester University College of Pharmacy, which include 6 to 8 hours of biology courses; BI 232 or 432; CH 161, 162, 263, 264; CO 215; EN 121; MA 151, 171; PH 211; EB 211 or 212; HS 115, 116; SO141; and other electives as needed to total 60 semester hours. Other pharmacy schools may have requirements that vary. Students may elect to complete a biology or chemistry degree at HU prior to enrolling in pharmacy school.
2. The mathematics placement exam determines whether MA 141 College Algebra & Trigonometry is needed in the spring. Otherwise, MA 171 Calculus I can be taken in the fall of the freshman year.
3. BI 161 Cell Biology is needed if taking BI 432 General Microbiology.
4. If pursuing a chemistry major, MA 172 Calculus II should be taken by the spring of the sophomore year, and MA 151 can be taken later, depending on the requirements of the pharmacy school.
5. Electives are recommended from the biology or chemistry major or from the Core Curriculum, in consultation with the pre-health-professions advisor.

*Indicates alternating year course.

Underlining indicates required for major.