

Pre-Pharmacy Course Requirements at Milwaukee Area Technical College

The pre-pharmacy requirements can be completed in a minimum of two years. Many applicants complete the pre-pharmacy requirements during the application process. All pre-pharmacy requirements must be completed with a grade of C- or better. Advanced Placement (AP) courses taken in high school may be used to fulfill pre-pharmacy requirements. All pre-pharmacy requirements must be completed before students start their first day of class in the PharmD program.

MATC courses that fulfill CUW's requirements are listed concurrently. **This is not the only path to successfully completing the prerequisite courses. Contact us with questions regarding course completion.**

| | CUW Requirement | Credits | | MATC |
|-----------------------------------|--|-----------|--|---|
| Science Core Courses | Biology I (w/Lab) | 4 | NATSCI- 201 | Anatomy and Physiology 1 |
| | Biology II (w/Lab) | 4 | NATSCI- 202 | Anatomy and Physiology 2 |
| | General Chemistry I (w/Lab) | 4 | NATSCI- 211 | Chemistry 1 (5 cr) |
| | General Chemistry II (w/Lab) | 4 | NATSCI- 212 | Chemistry 2 (5 cr) |
| | Organic Chemistry (w/Lab) | 8 | NATSCI- 217 | Organic Chemistry 1 (3 cr) |
| | | | NATSCI- 218 | Organic Chemistry II (3 cr) |
| | | | NATSCI- 219 | Organic Chemistry Laboratory (2 cr) |
| | Physics I (lab optional) | 3-4 | NATSCI- 221 | College Physics 1 (4 cr) |
| Advanced Science Elective | 4-5 | | <i>Physics II, Anatomy & Physiology, Biochemistry, Cell Biology, Molecular Biology, Microbiology, etc.</i> | |
| Total Science Credits | | 32 | | |
| Support Courses | Calculus | 3 | MATH 231 | Analytic Geometry and Calculus 1 (5 cr) |
| | Statistics | 3 | MATH 260 | Basic Statistics |
| | College-Level Writing | 3 | ENG 200 | College Reading and Writing |
| | Interpersonal Communications/ Public Speaking | 3 | Speech 201 | Elements of Speech |
| | | | Speech 203 | Interpersonal Communication |
| General Education Electives | 12 | | <i>Electives can come from wide variety of classes; ex. History, Literature, Philosophy, Theology, Foreign Language, Social Sciences, Physical Education, etc.</i> | |
| Total Support Credits | | 24 | | |
| Total Pre-Pharmacy Credits | | 56 | | |