

# Pharmacy–Preprofessional Program Curriculum



## University of Wyoming, 2016-17

The pharmacy curriculum begins with a two-year preprofessional program followed by the four-year professional program. Graduates of fully accredited high schools may be admitted to the preprofessional program with a math placement score of 3 or an ACT math score of 23. Students transferring into the preprofessional program must have a GPA of 3.0. For students who do not meet these requirements, it is suggested that they major in Health Sciences undeclared for their first year until they meet the requirements. • Usually, a minimum of four semesters is required to complete preprofessional requirements. Students must apply to the professional program and that usually occurs during their second preprofessional year.

| Freshman Fall Semester |      |                        | Hrs       | Min | Grade | Notes |
|------------------------|------|------------------------|-----------|-----|-------|-------|
|                        |      | USP First-Year Seminar | 3         |     | C     | FY    |
| CHEM                   | 1020 | General Chemistry I *  | 4         |     | C     | PN    |
| LIFE                   | 1010 | General Biology **     | 4         |     | C     | PN    |
| MATH                   | 2200 | Calculus I ***         | 4         |     | C     | Q     |
| Credit hours subtotal: |      |                        | <b>15</b> |     |       |       |

| Freshman Spring Semester |      |                                | Hrs       | Min | Grade | Notes |
|--------------------------|------|--------------------------------|-----------|-----|-------|-------|
|                          |      | USP Communication 1            | 3         |     | C     | C1    |
|                          |      | USP US & Wyoming Constitutions | 3         |     |       | V     |
| CHEM                     | 1030 | General Chemistry II           | 4         |     | C     |       |
| LIFE                     | 2022 | Animal Biology                 | 4         |     | C     |       |
| Credit hours subtotal:   |      |                                | <b>14</b> |     |       |       |

| Sophomore Fall Semester |      |                            | Hrs       | Min | Grade | Notes |
|-------------------------|------|----------------------------|-----------|-----|-------|-------|
|                         |      | USP Communication 2        | 3         |     | C     | C2    |
|                         |      | USP Human Culture          | 3         |     |       | H     |
| CHEM                    | 2420 | Organic Chemistry I        | 4         |     | C     |       |
| STAT                    | 2050 | Fundamentals of Statistics | 4         |     | C     |       |
| ZOO                     | 2040 | Human Anatomy              | 3         |     | C     |       |
| ZOO                     | 2041 | Human Anatomy Lab          | 1         |     | C     |       |
| Credit hours subtotal:  |      |                            | <b>18</b> |     |       |       |

| Sophomore Spring Semester |      |                          | Hrs       | Min | Grade | Notes |
|---------------------------|------|--------------------------|-----------|-----|-------|-------|
|                           |      | USP Human Culture        | 3         |     |       | H     |
| CHEM                      | 2440 | Organic Chemistry II     | 4         |     | C     |       |
| MOLB                      | 2240 | Medical Microbiology     | 4         |     | C     |       |
| ZOO                       | 3115 | Human Systems Physiology | 4         |     | C     |       |
| Credit hours subtotal:    |      |                          | <b>15</b> |     |       |       |

**TOTAL CREDIT HOURS: 62**

This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation, and consult with an academic advisor. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the *University Catalog* and consult with their academic advisor to plan accordingly.

### University of Wyoming requirements:

Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U. • University Studies Program (USP) Human Culture (H) and Physical & Natural World (PN) courses must be taken outside of the major subject, but can be cross-listed with the major.

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### College of Health Sciences Notes:

Performance expectations for majors in the College of Health Sciences exceed institutional requirements. Please discuss with an academic advisor to understand the difference. • Admission to the clinical portion of Health Sciences majors is competitive and is not guaranteed even with minimum qualifications. Be prepared to meet and exceed expectations. • Background checks are required at some point within all Health Science majors and careers. Students should understand the long-term ramifications of all decisions and actions early on so as not to jeopardize future academic and career goals.

### Pharmacy Preprofessional Program Program Notes:

In order to graduate from the School of Pharmacy, student must have a minimum 2.5 cumulative grade point average. • The School of Pharmacy does not accept online coursework for the pharmacy prerequisite classes (science and math). Please contact the manager of Student Services for the School of Pharmacy at 307-766-6132 with any questions.

\* Requires MATH ACT  $\geq 23$ , MATH SAT  $\geq 600$ , Math Placement Exam  $\geq 3$ , or concurrent enrollment in MATH 1400, 1405, or 1450. (University standard)

\*\* Requires MATH ACT  $\geq 21$ , MATH SAT  $\geq 600$ , Math Placement Exam  $\geq 2$ , or  $\geq C$  in MATH 0921. (University standard)

\*\*\* Requires MATH ACT  $\geq 27$ , MATH SAT  $\geq 600$ , Math Placement Exam  $\geq 5$ , or  $\geq C$  in MATH 1405 or 1450. (University standard)

### Admission to the Pharm.D. Program:

- Admission to the professional program leading to the entry-level Pharm.D. degree is limited to 52 students per year and is highly competitive. Students must have a minimum gpa of 2.8 in order to apply, but in order to be competitive, the gpa should be 3.2 or higher.
- Students should begin the application process to the professional pharmacy program at UW the summer between their freshman and sophomore year. Students apply beginning in mid-July using the central application program PharmCAS ([www.pharmcas.org](http://www.pharmcas.org)). Students should study during the summer between their freshman and sophomore year for the Pharmacy College Admissions Test (PCAT) and register to take the PCAT in October. Information can be found at [www.pcatweb.info/](http://www.pcatweb.info/).
- The School of Pharmacy's application cycle runs from mid-July through March 1, and admission decisions are rolled throughout this period. Students are encouraged to complete their applications early; personal interviews begin in early October.
- Students and advisors are encouraged to contact the Manager of Pharmacy Student Services with questions about the application process. Please contact 307-766-6131.
- Students are required to live in locations other than Laramie when enrolled in experiential rotations. Responsibility for living costs and travel arrangements associated with experiential rotations rests with the student. Students participating in all experiential activities will be required to have a vehicle or an acceptable approved alternative.
- For a complete list of academic standards required of the UW Pharm.D. Program, please refer to the *University Catalog* or the School of Pharmacy's Admissions and Curriculum brochure located at [www.uwyo.edu/pharmacy/pharmd-program/](http://www.uwyo.edu/pharmacy/pharmd-program/).