

## CLASS OF 2026 and beyond

### PRE-PROFESSIONAL CURRICULUM

#### First Pre-Professional Year

##### First Term

| <b>Class Name</b>         | <b>Class No.</b> | <b>Cred. Hrs.</b> |
|---------------------------|------------------|-------------------|
| General Biology I         | 01:119:115       | 4                 |
| General Chemistry I & 101 | 01:160:161       | 4                 |
| Intro Experimentation     | 01:160:171       | 1                 |
| Expository Writing I      | 01:355:101       | 3                 |
| Calculus I                | 01:640:135       | 4                 |
|                           |                  | <u>16</u>         |

##### Second Term

| <b>Class Name</b>                                | <b>Class No.</b> | <b>Cred. Hrs.</b> |
|--|------------------|-------------------|
| General Biology II                               | 01:119:116       | 4                 |
| General Chemistry II & 102                       | 01:160:162       | 4                 |
| Second College-level Writing Course <sup>1</sup> | __ : __ : __     | 3                 |
| Pharmacy Convocations                            | 30:725:104       | 1                 |
| Humanities/Soc. Sci. Elective <sup>2</sup>       |                  | 3                 |
| General Biology Lab                              | 01:119:117       | 2                 |
|  |                  | <u>17</u>         |

<sup>1</sup> Note that students need to complete *one* of the following courses to satisfy this requirement. Students are counseled that some of the courses noted below have a prerequisite that needs to be completed in addition to either of the courses.

| <b>Class Name</b>                | <b>Class No.</b> | <b>Class Name</b>                        | <b>Class No.</b> |
|----------------------------------|------------------|--|------------------|
| Research in the Disciplines      | 01:355:201       | Writing for Biology and Natural Science  | 01:355:312       |
| Technical Writing Essentials     | 01:355:202       | Writing Grant Proposals                  | 01:355:315       |
| Business Writing Essentials      | 01:355:203       | Science Writing                          | 01:355:342       |
| College Writing and Research     | 01:355:301       | Collaborative Writing Practices          | 01:355:375       |
| Scientific and Technical Writing | 01:355:302       | Writing for Business and the Professions | 01:355:303       |

<sup>2</sup> A complete explanation of the rules that govern Humanities / Social Science Elective courses can be found on the Fact Sheet for Humanities Courses.

#### Second Pre-Professional Year

##### First Term

| <b>Class Name</b>             | <b>Class No.</b>  | <b>Cr.</b> |
|-------------------------------|-------------------|------------|
| Organic Chemistry I           | 01:160:307 or 315 | 4          |
| Intro. to Microeconomics      | 01:220:102        | 3          |
| Elements of Physics           | 01:750:161        | 4          |
| Humanities/Soc. Sci. Elective |                   | 3          |
| Psychology/Sociology Elective |                   | 3          |
|                               |                   | <u>17</u>  |

##### Second Term

| <b>Class Name</b>             | <b>Class No.</b>  | <b>Cr.</b> |
|-------------------------------|-------------------|------------|
| Integrated Organ Physiology   | 30:718:200        | 3          |
| Organic Chemistry II          | 01:160:308 or 316 | 4          |
| Organic Chemistry Lab         | 01:160:311        | 2          |
| Basic Statistics for Research | 01:960:401        | 3          |
| Humanities/Soc. Sci. Elective |                   | 3          |
| Humanities/Soc. Sci. Elective |                   | 3          |
|                               |                   | <u>18</u>  |

Review carefully the requirements for entrance into the First Professional (Third) Year of the Program as found on the website for the Pharm.D. Program.

## CLASS OF 2026 and beyond

### Pharm.D. Curriculum

#### PROFESSIONAL YEARS

#### First Professional Year

##### *First Term*

##### *Second Term*

| <b>Class Name</b>                                 | <b>Class No.</b> | <b>Credits</b> | <b>Class Name</b>                                   | <b>Class No.</b> | <b>Credits</b> |
|---|------------------|----------------|---|------------------|----------------|
| Introductory Biochemistry and Molecular Biology   | 01:694:301       | 3              | Molecular Biology and Pharmaceutical Biotechnology  | 30:158:315       | 3              |
| Pathophysiology                                   | 30:718:304       | 3              | Introduction to Biopharmaceutics & Pharmacokinetics | 30:721:430       | 4              |
| Introduction to Pharmaceutics & Lab               | 30:721:301       | 4              | Pharmacology and Pharmacogenetics                   | 30:718:320       | 3              |
| Pharmaceutical Chemistry                          | 30:715:307       | 2              | Drug Delivery and Lab                               | 30:721:320       | 4              |
| Foundations of Pharmacy Care                      | 30:725:320       | 4              | iPASS I   | 30:725:321       | 3              |
| Professional Elective <sup>3</sup>                |                  | 2              | Professional Elective <sup>3</sup>                  |                  | 2              |
| LEAP-AHEAD Documentation Portfolio I <sup>4</sup> | 30:725:304       | 0.5            | LEAP-AHEAD Documentation Portfolio II <sup>4</sup>  | 30:725:305       | 0.5            |
| 16-18.5   |                  |                | 17-19.5   |                  |                |

<sup>3</sup> Students must complete five professional electives during the six semesters for the first through third professional years. Students in the class of 2018 and later must complete one clinical professional elective.

##### *Summer Term*

| <b>Class Name</b>                         | <b>Class No.</b> | <b>Cred. Hrs.</b> |
|---|------------------|-------------------|
| Introductory Pharmacy Practice Experience | 30:725:330       | 2                 |

#### Second Professional Year

##### *First Term*

##### *Second Term*

| <b>Class Name</b>                                   | <b>Class No.</b> | <b>Credits</b> | <b>Class Name</b>                                  | <b>Class No.</b> | <b>Credits</b> |
|---|------------------|----------------|--|------------------|----------------|
| Pharmaceutical Microbiology                         | 30:158:420       | 3              | Medicinal Chemistry II                             | 30:715:410       | 3              |
| Medicinal Chemistry I                               | 30:715:409       | 3              | Renal Pharmacotherapy                              | 30:720:445       | 2              |
| Literature Evaluation and Application               | 30:725:470       | 2              | Infectious Diseases Pharmacotherapy                | 30:720:446       | 4              |
| Pulmonary Pharmacotherapy                           | 30:720:440       | 2              | Sterile Compounding                                | 30:725:489       | 2              |
| Hematology Pharmacotherapy                          | 30:720:441       | 1              | Pharmacy Practice Management                       | 30:725:308       | 3              |
| Cardiology Pharmacotherapy                          | 30:720:442       | 4              | iPASS III  | 30:725:433       | 2              |
| iPASS II  | 30:725:432       | 2              | Professional Elective <sup>3</sup>                 |                  | 2              |
| LEAP-AHEAD Documentation Portfolio III <sup>4</sup> | 30:725:404       | 0.5            | LEAP-AHEAD Documentation Portfolio IV <sup>4</sup> | 30:725:405       | 0.5            |
| 17.5  |                  |                | 16.5-18.5  |                  |                |

<sup>3</sup> Students must complete five professional electives during the six semesters for the first through third professional years. Students in the class of 2018 and later must complete one clinical professional elective.

##### *Summer Term*

| <b>Class Name</b>                         | <b>Class No.</b> | <b>Cred. Hrs.</b> |
|---|------------------|-------------------|
| Intermediate Pharmacy Practice Experience | 30:725:480       | 2                 |

Continued on next page.

**CLASS OF 2026 and beyond**

**Third Professional Year**

*First Term*

*Second Term*

| <b>Class Name</b>                                       | <b>Class No.</b> | <b>Credits</b> | <b>Class Name</b>                                    | <b>Class No.</b> | <b>Credits</b> |
|---|------------------|----------------|--|------------------|----------------|
| Endocrine and Reproductive Pharmacotherapy              | 31:720:540       | 2              | Psychiatric and Behavioral Disorders Pharmacotherapy | 31:720:545       | 2              |
| Gastrointestinal, Hepatic and Nutrition Pharmacotherapy | 31:720:541       | 2              | Neurology Pharmacotherapy                            | 31:720:546       | 3              |
| Oncology Pharmacotherapy                                | 31:720:542       | 3              | Immunology, Ocular, and Dermatology Pharmacotherapy  | 31:720:547       | 1              |
| Principles of Pharmaceutical Economics                  | 31:725:540       | 3              | Poison Management and Drug Abuse                     | 31:725:515       | 3              |
| Self Care and Home Care                                 | 31:725:550       | 3              | Pharmacy Law and Bioethics                           | 31:725:545       | 4              |
| iPASS IV  | 31:725:534       | 2              | iPASS V  | 31:725:535       | 2              |
| Professional Elective <sup>3</sup>                      |                  | 2              | Professional Elective <sup>3</sup>                   |                  | 2              |
| LEAP-AHEAD Documentation Portfolio V <sup>4</sup>       | 31:725:504       | 0.5            | LEAP-AHEAD Documentation Portfolio VI <sup>4</sup>   | 31:725:505       | 0.5            |
|   |                  | 15.5-17.5      |  |                  | 15.5-17.5      |

<sup>3</sup> Students must complete five professional electives during the six semesters for the first through third professional years. Students in the class of 2018 and later must complete one clinical professional elective.

**All curriculum requirements of the first five years must be successfully completed before students may register for any Terminal Year rotations.**

**Students need to complete at least (8) experiential rotations during the Terminal Year of the Program. Additional rotations may be completed after consultation with the Director of Professional Experience Program. Note Fourth Professional Year begins in the summer following Spring of the Third Professional year (see below).**

**Fourth Professional Year**

*Summer Term*

| <b>Class Name</b>            | <b>Class No.</b> | <b>Cred. Hrs.</b> |
|------------------------------|------------------|-------------------|
| Adv. Practice Experience I   | 31:725:791       | 5                 |
| Adv. Practice Experience II  | 31:725:792       | 5                 |
| Adv. Practice Experience III | 31:725:793       | 5                 |
|                              |                  | 15                |

*Fall Term*

*Spring Term*

| <b>Class Name</b>                                   | <b>Class No.</b> | <b>Cred. Hrs.</b> | <b>Class Name</b>                                    | <b>Class No.</b> | <b>Cred. Hrs.</b> |
|---|------------------|-------------------|--|------------------|-------------------|
| Adv. Practice Experience IV                         | 31:725:794       | 5                 | Adv. Practice Experience VII                         | 31:725:797       | 5                 |
| Adv. Practice Experience V                          | 31:725:795       | 5                 | Adv. Practice Experience VIII                        | 31:725:798       | 5                 |
| Adv. Practice Experience VI                         | 31:725:796       | 5                 | Adv. Practice Experience IX                          | 31:725:799       | 5                 |
| Leap-AHEAD Documentation Portfolio VII <sup>4</sup> | 31:725:614       | 1                 | Leap-AHEAD Documentation Portfolio VIII <sup>4</sup> | 31:725:615       | 1                 |
| Pharmacy Reflection Seminar I                       | 31:725:616       | 1                 | Pharmacy Reflection Seminar II                       | 31:725:617       | 1                 |
|   |                  | 17                |  |                  | 12                |

<sup>4</sup> Note that work on the portfolio begins during the IPPE courses, continues during APPE courses, and is completed and submitted for grading during the final semester of the P4 year.