



# University of Minnesota College of Pharmacy

## Fall 2023 PD1 Class Schedule: Class of 2027



Updated 3/27/2023

| Important Dates  |   |  |                                   |                             |                          | Orientation   |  |
|--|---|--|-----------------------------------|-----------------------------|--------------------------|---|--|
| <b>Monday, September 4, 2023</b>   | <b>Thursday, September 21, 2023</b>       | <b>October 16-20 &amp; 23-27, 2023</b> | <b>November 23 &amp; 24, 2023</b> | <b>December 18-21, 2023</b> | <b>December 29, 2023</b> | <b>First-year Orientation:</b>  |  |
| University Closed  | White Coat Ceremony in Duluth @ The Clyde | IPPE Weeks                             | University Closed                 | Finals Week                 | Final Grades Due         | <b>August 21-25, 2023 from 8:00am-4:00pm</b>  |  |
|  |   |  |                                   |                             |                          | <b>Monday: In-person, HSEC 2-110 &amp; KAML 410</b><br><b>Tuesday: In-person, HSEC 2-110 &amp; KAML 410</b><br><b>Wednesday: Retreat - Brahm, MN</b><br><b>Thursday: Mental Health First Aid Training, HSEC 2-110 &amp; KAML 410</b><br><b>Friday: In-person, HSEC 2-110 &amp; KAML 410</b> |  |
| Schedule Notes   |   |  |                                   |                             |                          |   |  |
| PharmD students are automatically enrolled in required courses, but students are responsible for self-enrollment in their chosen lab section, for a total of 15 credits. Students have two weeks off from regularly-scheduled classes in the middle of the semester - one of these weeks is used for 40 hours of experiential rotations. |   |  |                                   |                             |                          |   |  |

| Required Courses: August 28 - December 15, 2023   |   |     |             |          |            |          |          |                    |         |
|---|---|-----|-------------|----------|------------|----------|----------|--------------------|---------|
| Course Number   | Course  | Day | Time        | DL Room  | TC Room    | DL Reg # | TC Reg # | Course Director(s) | Credits |
| TBD   | Whole Task Learning 1                                   | M   | 8:00-12:05  | KAML 410 | HSEC 2-110 |          |          |                    |         |
|   | WTL1 runs from August 28 - October 13                   | R   | 1:25-4:25   | KAML 410 | HSEC 2-110 | N/A      | N/A      | TBD                | 5       |
|   |   | F   | 9:05-12:05  | LSci 163 | Moos 1-450 |          |          |                    |         |
| TBD   | Whole Task Learning 2                                   | M   | 8:00-12:05  | KAML 410 | HSEC 2-110 |          |          |                    |         |
|   | WTL2 runs from October 30 - December 15                 | R   | 1:25-4:25   | KAML 410 | HSEC 2-110 | N/A      | N/A      | TBD                | 5       |
|   |   | F   | 9:05-12:05  | LSci 163 | Moos 1-450 |          |          |                    |         |
| TBD   | 3C: Conversations on Critical Challenges in Pharmacy    |     |             |          |            |          |          |                    | 2       |
|   | Section 001: Insert Name Here                           | T   | 3:35-5:30   | TBD      | TBD        | N/A      | N/A      | TBD                |         |
|   | Section 002   | T   | 3:35-5:30   | TBD      | TBD        | N/A      | N/A      | TBD                |         |
|   | Section 003   | T   | 3:35-5:30   | TBD      | TBD        | N/A      | N/A      | TBD                |         |
|   | Section 004   | R   | 10:10-12:05 | TBD      | TBD        | N/A      | N/A      | TBD                |         |
|   | Section 005   | R   | 10:10-12:05 | TBD      | TBD        | N/A      | N/A      | TBD                |         |
|   | Section 006   | R   | 10:10-12:05 | TBD      | TBD        | N/A      | N/A      | TBD                |         |
| Each student takes one 3C seminar in fall semester. Students will rank their 3C choices and be registered for a section according to ranking and availability.  |   |     |             |          |            |          |          |                    |         |
| TBD   | PSD: Professional Skills Development                    |     |             |          |            |          |          | TBD                | 2       |
|   | Section 001   | T   | 8:00-9:55   | N/A      | WDH 3-150  | N/A      | TBD      |                    |         |
|   | Section 002   | T   | 10:10-12:05 | N/A      | WDH 3-150  | N/A      | TBD      |                    |         |
|   | Section 003   | T   | 1:25-2:15   | Lsci 216 | WDH 3-150  | TBD      | TBD      |                    |         |
| Students self-enroll in their preferred PSD section.  |   |     |             |          |            |          |          |                    |         |
| As a part of PSD, students will be assigned to one interprofessional "Better Together" seminar. These run from 2:00-5:00pm on the following Fridays: September 15, September 22, September 29, October 6, October 13, November 3. |   |     |             |          |            |          |          |                    |         |
| Phar 7351   | Introductory Pharmacy Practice Experience 1 - Community |     |             |          |            |          |          | Traynor            | 1       |
| Includes a 40-hour IPPE week in the middle of the semester, plus 3 in-person meetings as noted below.   |   |     |             |          |            |          |          |                    |         |
|   | 3 Dates TBD:  | TBD | TBD         | TBD      | TBD        | N/A      | N/A      |                    |         |

| Sample Weekly Schedule  |             |       |     |   |    |                               |
|---|-------------|-------|-----|---|----|-------------------------------|
| <p>To the right is a typical week in the first semester. Please note the following:</p> <ul style="list-style-type: none"> <li>• Every Wednesday is an off-day that is intended for asynchronous learning and study time. <ul style="list-style-type: none"> <li>• Students will take a 2-hour PSD section.</li> </ul> </li> <li>• Students will take a 2-hour 3C course on either Tuesday or Thursday.</li> <li>• Each student will attend one Better Together Friday afternoon session from 2pm-5pm.</li> <li>• A "Miscellaneous" block is scheduled every Monday afternoon. Rooms are reserved on each campus during this time, and this time is intended for group work and study, makeup exams, and informal academic activities.</li> </ul> |             | M     | T   | W | R  | F                             |
|   | 8:00-8:50   |       |     |   |    |                               |
|   | 9:05-9:55   | WTL   | PSD |   |    |                               |
|   | 10:10-11:00 |       | PSD |   | 3C | WTL                           |
|   | 11:15-12:05 |       |     |   |    |                               |
|   | 12:05-1:25  |       |     |   |    |                               |
|   | 1:25-2:15   | Misc. | PSD |   |    | WTL                           |
|   | 2:30-3:20   |       |     |   |    | Possible Better Together Time |
|   | 3:35-4:25   |       | 3C  |   |    |                               |
|   | 4:40-5:30   |       |     |   |    |                               |

## Fall 2023 PDII Schedule: Class of 2026 (3/27/23)

### Dates to Remember

University Closed: September 4, 2023

Institutional IPPE Meetings: TBD

IPPE Week / Fall Break: October 16-20 & 23-27, 2023 (PD2 Required Courses are not in session)

Duluth Students - Community Teacher Debriefing Sessions: TBD

Twin Cities Students - Community Teacher Debriefing Sessions: TBD

University Closed: November 23 - 24, 2023

Final Exams: December 18 - 21, 2023

Final Grades Due: December 29, 2023

### Required Courses (August 28 - December 15)

| Course #             | Course Title  | Day | Time                 | D Room   | TC Room   | D Reg # | TC Reg # | Course Director(s)       | Credits     |
|----------------------|---|-----|----------------------|----------|-----------|---------|----------|--------------------------|-------------|
| Phar 6730            | Career and Professional Foundations II (CPF)                  |     |                      |          |           | N/A*    | N/A*     | Welage / Lepp            | 0.5         |
|                      | August 28   | M   | 1:25-4:25            | LSci 165 |           |         |          |                          |             |
|                      | August 30   | W   | 8:00-11:00           | LSci 165 |           |         |          |                          |             |
|                      | September 7   | R   | 9:05-9:55            | LSci 163 |           |         |          |                          |             |
|                      | September 11  | M   | 8:00-9:55            | LSci 165 |           |         |          |                          |             |
|                      | September 25  | M   | 1:25-3:20            | LSci 163 |           |         |          |                          |             |
|                      | October 2   | M   | 1:25-3:20            | LSci 163 |           |         |          |                          |             |
| Phar 6732            | Medicinal Chemistry and Pharmacology of Cardiovascular Agents |     |                      |          |           | N/A*    | N/A*     | Zordoky                  | 2.3         |
|                      | August 29 - September 19                                      | T   | 9:05-11:00           | KAML 410 |           |         |          |                          |             |
|                      | August 31 - September 21                                      | R   | 10:10-12:05          | LSci 165 |           |         |          |                          |             |
|                      | September 25 - November 20                                    | M   | 8:00-9:55            | LSci 165 |           |         |          |                          |             |
|                      | September 28 - November 9                                     | R   | 8:00-9:55            | LSci 165 |           |         |          |                          |             |
| Phar 6734            | Cellular Metabolism and Nutrition                             |     |                      |          |           | N/A*    | N/A*     | Shier / Rumbley          | 2.8         |
|                      | August 28 - December 12                                       | M   | 11:15-12:05          | LSci 165 |           |         |          |                          |             |
|                      |   | T   | 11:15-12:05          | KAML 410 |           |         |          |                          |             |
|                      |   | R   | 3:35-4:25            | LSci 165 |           |         |          |                          |             |
|                      |   | F   | 10:10-11:00          | LSci 165 |           |         |          |                          |             |
| Phar 6736            | Cardiovascular Pharmacotherapy                                |     |                      |          |           | N/A*    | N/A*     | Schullo-Feulner          | 1.9         |
|                      | October 9 - December 11                                       | M   | 1:25-3:20            | KAML 410 |           |         |          |                          |             |
|                      | September 26 - December 12                                    | T   | 9:05-11:00           | KAML 410 |           |         |          |                          |             |
|                      | September 28 - December 14                                    | R   | 10:10-12:05          | LSci 165 |           |         |          |                          |             |
| Phar 6738            | Pharmacokinetics  |     |                      |          |           | N/A*    | N/A*     | Elmquist / Coles         | 3.7         |
|                      | August 28 - December 15                                       | M   | 10:10-11:00          | LSci 165 |           |         |          |                          |             |
|                      |   | R   | 1:25-3:20            | LSci 165 |           |         |          |                          |             |
|                      |   | F   | 11:15-12:05          | LSci 165 |           |         |          |                          |             |
| Phar 6740            | Pharmaceutical Care Skills Lab III***                         |     |                      |          |           |         |          | L. Anderson / Van Hooser | 2           |
|                      | Discussion  | F   | 8:00-9:55            | KAML 410 |           | --      | --       |                          |             |
|                      | Lab Section 002 (TC Only)                                     | W   | 8:00-9:55            | --       | WDH 3-150 | --      | 28587    |                          |             |
|                      | Lab Section 003 (TC Only)                                     | W   | 10:10-12:05          | --       | WDH 3-150 | --      | 28588    |                          |             |
|                      | Lab Section 004 (TC) / Section 002 (Duluth)                   | W   | 1:25-3:20            | LSci 216 | WDH 3-150 | 13543   | 28589    |                          |             |
| Phar 7330            | Community Teachers I  |     | Arranged / Dates TBD |          |           | N/A*    | N/A*     | Pereira                  | 0.4         |
| Phar 7353            | Introductory Pharmacy Practice Experience III - Institutional |     |                      |          |           | N/A*    | N/A*     | Blue                     | 1           |
|                      | In-person meetings: TBD                                       |     |                      |          |           |         |          |                          |             |
| <b>Total Credits</b> |   |     |                      |          |           |         |          |                          | <b>14.6</b> |

### Elective Courses (September 5 - December 15)

| Course #  | Course Title  | Day | Time                               | D Room   | TC Room | D Reg # | TC Reg # | Course Director(s)  | Credits |
|-----------|---|-----|------------------------------------|----------|---------|---------|----------|---------------------|---------|
| Phar 5201 | Applied Medical Terminology**                       |     |                                    | Online   |         | 13499   | 28537    | Williamson          | 2       |
| Phar 5204 | Drugs & the US Healthcare System                    |     |                                    | Online   |         | 13501   | 28551    | Milone              | 3       |
| Phar 5270 | Therapeutics of Herbal & Other Natural Medicinals   |     |                                    | Online   |         | 13502   | 28624    | Kingston            | 2       |
| Phar 6233 | Drug Use Review & Management                        | W   | 3:35-5:30                          |          | Online  | 13503   | 28515    | Carlson             | 2       |
| Phar 6236 | Clinical / Pharmacy Management                      | M   | 3:35-5:30                          | LSci 160 |         | 13505   | 28536    | Shim                | 2       |
| Phar 6272 | Shaping an Antiracist Future for Healthcare         |     |                                    | Online   |         | 13541   | 28621    | Little              | 2       |
| Phar 6906 | Introduction to Pharmacy Research                   | M   | 3:35-4:25                          | LSci 163 |         | 13519   | 28591    | Huang               | 1       |
| Phar 6911 | Equity, Diversity, Inclusion & Antiracism GoodReads |     |                                    | Online   |         | 13547   | 28632    | L. Johnson / Little | 2       |
| Phar 6937 | Foundations of Leadership                           | W   | 10:10-12:05                        | LSci 160 |         | 13520   | 28592    | Fierke / Sorensen   | 2       |
| Phar 6941 | Leadership Bestsellers                              |     |                                    | Online   |         | 13530   | 28553    | Janke               | 2       |
| Phar 6970 | Immunization Tour (TC)                              |     | 5 meetings throughout the semester |          |         | --      | 28533    | Philbrick           | 1       |

### Schedule Notes

\*Pharm.D students are automatically enrolled in required courses, students are responsible for self-enrollment in electives and their chosen lab section.

\*\*Students may incur an additional University fee for this course.

\*\*\*Lab starts on Wednesday, September 6.

## Fall 2023 PDIII Schedule: Class of 2025 (3/27/23)

### Dates to Remember

**University Closed:** September 4, 2023  
**AS/IMUS IPPE Meetings:** TBD  
**APPE Preferencing Meeting:** TBD  
**PD3 Fall Break:** October 11 - 13, 2023  
**IPPE Weeks:** October 16 - 20 & 23-27, 2023 (PD3 Required Courses are not in session)  
**University Closed:** November 23 - 24, 2023  
**Final Exams:** December 18 - 21, 2023  
**Final Grades Due:** December 29, 2023

### Required Courses (August 28 - December 15)

| Course #             | Course Title  | Day   | Time        | D Room      | TC Room     | D Reg #   | TC Reg # | Course Director(s)     | Credits            |   |
|----------------------|---|---|-------------|-------------|-------------|-----------|----------|------------------------|--------------------|---|
| Phar 6760            | Career and Professional Foundations IV (CPF)**          |   |             |             |             | N/A*      | N/A*     | Welage / Lepp          | 0.5                |   |
|                      | See notes at the bottom of the page                     |   | F           | 1:25-3:20   | KAML 410    |           |          |                        |                    |   |
| Phar 6762            | Medicinal Chemistry and Neuropharmacology               | August 29 - December 13                     |             | T           | 8:00-9:55   | LSci 165  |          | TBD                    | 2.8                |   |
|                      |   | W   | 8:00-9:55   | KAML 410    |             |           |          |                        |                    |   |
| Phar 6768            | Infectious Diseases                                     | August 30 - December 15                     |             | W           | 10:10-12:05 | KAML 410  |          | Hirsch / Philbrick     | 3                  |   |
|                      |   | F   | 10:10-12:05 | KAML 410    |             |           |          |                        |                    |   |
| Phar 6770            | Pharmaceutical Care Skills Lab V***                     | Discussion                                  | F           | 1:25-3:20   | KAML 410    |           | --       | --                     | Swanson / Schweiss | 2 |
|                      |   | Lab Section 002 (TC only)                   | M           | 8:00-9:55   | --          | WDH 3-150 | --       | 28598                  |                    |   |
|                      |   | Lab Section 003 (TC only)                   | M           | 10:10-12:05 | --          | WDH 3-150 | --       | 28599                  |                    |   |
|                      |   | Lab Section 004 (TC) / Section 002 (Duluth) | M           | 1:25-3:20   | LSci 216    | WDH 3-150 | 13545    | 28600                  |                    |   |
|                      |   | Lab Section 005 (TC) / Section 003 (Duluth) | M           | 3:35-5:30   | LSci 216    | WDH 3-150 | 30989    | 32637                  |                    |   |
| Phar 6772            | Topics in Pharmacotherapy and Pharmacogenomics          | September 14 - December 15                  |             | R           | 8:00-9:55   | LSci 163  |          | Westberg               | 1.6                |   |
|                      |   | F   | 8:00-9:55   | LSci 165    |             |           |          |                        |                    |   |
| Phar 6774            | Pharmacotherapy of Neurologic and Psychiatric Disorders | September 5 - December 14                   |             | T           | 10:10-12:05 | LSci 165  |          | Kotlyar / Schneiderhan | 3.1                |   |
|                      |   | R   | 1:25-3:20   | LSci 163    |             |           |          |                        |                    |   |
| Phar 6782            | Evidence-Based Practice                                 | August 31 - December 14                     |             | R           | 10:10-12:05 | KAML 410  |          | Langworthy             | 1.8                |   |
|                      |   |   |             |             |             |           |          |                        |                    |   |
| Phar 7355            | Introductory Pharmacy Practice Experience V - AS/IMUS   | In-person meetings TBD                      |             |             |             |           |          | Traynor                | 2                  |   |
|                      |   |   |             |             |             |           |          |                        |                    |   |
|                      |   |   |             |             |             |           |          |                        |                    |   |
| <b>Total Credits</b> |   |   |             |             |             |           |          |                        | <b>16.8</b>        |   |

### Elective Courses (September 5 - December 15)

| Course #  | Course Title   | Day | Time      | D Room   | TC Room  | D Reg # | TC Reg # | Course Director(s)  | Credits |
|-----------|--|-----|-----------|----------|----------|---------|----------|---------------------|---------|
| Phar 5201 | Applied Medical Terminology**                                      |     |           |          |          | 13499   | 28537    | Williamson          | 2       |
| Phar 5204 | Drugs & the US Healthcare System                                   |     |           |          | Online   | 13501   | 28551    | Milone              | 3       |
| Phar 5270 | Therapeutics of Herbal & Other Natural Medicinals                  |     |           |          | Online   | 13502   | 28624    | Kingston            | 2       |
| Phar 6233 | Drug Use Review & Management                                       | W   | 3:35-5:30 |          | Online   | 13503   | 28515    | Carlson             | 2       |
| Phar 6236 | Clinical / Pharmacy Management                                     | M   | 3:35-5:30 | LSci 160 |          | 13505   | 28536    | Shim                | 2       |
| Phar 6272 | Shaping an Antiracist Future for Healthcare                        |     |           |          | Online   | 13541   | 28621    | Little              | 2       |
| Phar 6902 | Foundations for Integrative Mental Health and Psychiatric Practice |     |           |          | Arranged | #       | #        | Pittenger           | 2       |
| Phar 6906 | Introduction to Pharmacy Research                                  | M   | 3:35-4:25 | LSci 163 |          | 13519   | 28591    | Huang               | 1       |
| Phar 6911 | Equity, Diversity, Inclusion & Antiracism GoodReads                |     |           |          | Online   | 13547   | 28632    | L. Johnson / Little | 2       |
| Phar 6939 | Leading Change Experience I  | T   | 1:25-3:20 | LSci 160 |          | 13529   | 28606    | Fierke / Sorensen   | 2       |
| Phar 6941 | Leadership Bestsellers   |     |           |          | Online   | 13530   | 28553    | Janke               | 2       |
| Phar 6961 | Women's Health   |     |           |          | Online   | 13526   | 28595    | Westberg            | 2       |
| Phar 6970 | Immunization Tour (TC)   |     |           |          | Arranged | --      | 28533    | Philbrick           | 1       |

### Schedule Notes

#Permission is required to enroll in this course.

\*Pharm.D students are automatically enrolled in required courses, students are responsible for self-enrollment in electives and their chosen lab section.

\*\*Students may incur an additional University fee for this course.

\*\*\*Lab starts on Monday, August 28.

Phar 6760 and the Phar 6770 lecture section occupy the same meeting pattern.

6760 meets: September 8, September 22, September 29, October 6, November 3

6770 meets: September 1, November 17

## Fall 2023 Departmental Electives Schedule (3/27/23)

University Closed: September 4, 2023  
 University Closed: November 23 - 24, 2023  
 Final Exams: Varies by Department  
 Final Grades Due: December 29, 2023

### Experimental & Clinical Pharmacology (September 5 - December 15)

| Course #                         | Course Title                                  | Year       | Day | Time        | D Room | TC Room | D Reg # | TC Reg # | Course Director | Credits |
|----------------------------------|---|------------|-----|-------------|--------|---------|---------|----------|-----------------|---------|
| ECP 5220 (TC) /<br>Phar 5220 (D) | Regulatory Issues in Drug Research#           | PDII / III | T   | 2:30-4:25   |        |         | 13533   | 28614    | Birnbaum        | 2       |
| Phar 5230                        | Principles of Clinical Pharmacology Research  | PDIII      | M   | 10:10-12:05 |        |         | 13498   | 28590    | Nicol           | 2       |
| Phar 6160                        | Experimental & Clinical Pharmacology Seminar# | All        | W   | 12:20-1:10  |        |         | 13507   | 28549    | Skaar           | 1       |

Questions about ECP courses can be directed to Susan Williford at swillifo@umn.edu

# = Permission needed to register

### Medicinal Chemistry (September 5 - December 15)

| Course #  | Course Title                 | Year | Day | Time      | D Room | TC Room | D Reg # | TC Reg # | Course Director | Credits |
|-----------|------------------------------|------|-----|-----------|--------|---------|---------|----------|-----------------|---------|
| Phar 6150 | Medicinal Chemistry Seminar# | All  | T   | 3:30-5:00 |        |         | 13506   | 28517    | Ambrose         | 1       |

Questions about Med Chem courses can be directed to Arturo Hernandez at hernanda@umn.edu

# = Permission needed to register

### Pharmaceutics (September 5 - December 15)

| Course #  | Course Title                       | Year       | Day | Time      | D Room | TC Room | D Reg # | TC Reg # | Course Director | Credits |
|-----------|------------------------------------|------------|-----|-----------|--------|---------|---------|----------|-----------------|---------|
| Phar 6223 | Pharmacokinetics Research Seminar# | PDII / III |     | Arranged  |        |         | 13553   | 28642    | Elmquist        | 1       |
| Phar 6260 | Pharmaceutics Seminar#             | All        | T   | 3:00-4:00 |        |         | 13536   | 28613    | Sun             | 1       |

Questions about Pharmaceutics courses can be directed to Katie James at kmjames@umn.edu

# = Permission needed to register

### Social & Administrative Pharmacy (September 5 - December 15)

| Course #                          | Course Title                             | Year | Day | Time       | D Room | TC Room | D Reg # | TC Reg # | Course Director        | Credits |
|-----------------------------------|--|------|-----|------------|--------|---------|---------|----------|------------------------|---------|
| SAPh 5100 (TC) /<br>Phar 5100 (D) | Pro-Seminar#                             | All  | R   | 2:30-3:20  |        |         | 13534   | 28560    | Schommer               | 1       |
| SAPh 8054                         | Advanced Studies in Pharmaceutical Care# | All  |     | Arranged   |        |         | #       | 28569    | Advisors               | 3       |
| SAPh 8100 /<br>Phar 6250          | Social & Admin Pharmacy Seminar#         | All  | R   | 3:35-5:30  |        |         | 13504   | 28516    | Farley                 | 1       |
| SAPh 8200                         | Research Problems: Survey Research#      | All  |     | Arranged   |        |         | #       | 28514    | Advisors               | 1-3     |
| SAPh 8235                         | Pharmaceutical Economics and Policy#     | All  | T   | 1:00-3:00  |        |         | #       | 28534    | Farley / Schondelmeyer | 3       |
| SAPh 8500                         | Pharmacy and Its Environment             | All  | R   | 12:30-2:20 |        |         | #       | 28631    | Schommer               | 3       |
| SAPh 8840                         | Social Measurement                       | All  | W   | 12:30-2:15 |        |         | #       | 28641    | Stenhjem               | 3       |

Questions about SAPh courses can be directed to Val Cremin at cremi001@umn.edu

# = Permission needed to register