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|  | **Entry-to-Practice Doctor of Pharmacy (Pharm.D.)** | | | | | |
| **Prerequisite Courses** | Biology 1001/1002 Chemistry 1050/1051 Math 1000/1001 Physics 1020 or 1050 and 1021 or 1051  English - 6 credit hours in English of which 3 credits may be a MUN Critical Reading and Writing (CRW) course | | | | | |
|  |  | |  | |  | |
|  | **Fall** | | **Winter** | | **Spring** | |
| **Pharmacy**  **Year 1** | **CHEM 2400** Introductory Organic Chemistry I (3)  **PHAR 2002** Anatomy and Physiology I (3)  **PHAR 2201** Pharmaceutics I (3)  **PHAR 2250** Pharmacy Practice I (5)  **PHAR 2610** Health Systems (3) | | **CHEM 2401** Introductory Organic Chemistry II (3)  **PHAR 2003** Anatomy and Physiology II (3)  **PHAR 2004** Introduction to Biochemistry (3)  **PHAR 2202** Pharmaceutics II (3)  **PHAR 2251** Pharmacy Practice II (5)  **PHAR 2620** Social and Ethical Behaviour (2) | | **PHAR 2010** Service Learning (0)  Students can choose to complete in fall, winter, or spring of Pharmacy Year 1. | |
| **Pharmacy Year 2** | **PHAR 3111** General Biochemistry (3)  **PHAR 3250** Pharmacy Practice III (5)  **PHAR 3270** Pharmacotherapy I (5)  **PHAR 3801** Pathophysiology I (2)  **PHAR 3805** Pharmacology I (3) | | **PHAR 3006** Immunology (3)  **PHAR 3251** Pharmacy Practice IV (5)  **PHAR 3271** Pharmacotherapy II (4)  **PHAR 3410** Leadership and Health Promotion (3)  **PHAR 3810** Microbiology of Infectious Diseases (2)  **PHAR 3825** Medicinal Chemistry (3) | | ***PHAR 305P*** *PPE I: Community Pharmacy 6 weeks (3)* | |
| **Pharmacy**  **Year 3** | **PHAR 4250** Pharmacy Practice V (5)  **PHAR 4270** Pharmacotherapy III (4)  **PHAR 4621** Applied Health Research I (3)  **PHAR 4802** Pathophysiology II (3)  **PHAR 4810** Pharmacology II (2)  **PHAR 4860** Pharmacogenomics and Biotechnology (2) | | **PHAR 4251** Pharmacy Practice VI (5)  **PHAR 4271** Pharmacotherapy IV (6)  **PHAR 4420** Pharmacy Management I (3)  **PHAR 4622** Applied Health Research II (3)  **PHAR 4820** Pharmacokinetics (2) | | ***PHAR 406P*** *PPE II: Hospital 2 weeks (1)*  ***PHAR 407P*** *PPE III: Direct Patient Care 4 weeks (2)* | |
| **Pharmacy**  **Year 4** | **PHAR 5250** Pharmacy Practice VII (5)  **PHAR 5270** Pharmacotherapy V (6)  **PHAR 5430** Pharmacy Management II (2)  **PHAR 5815** Pharmacology III (2)  **PHAR 5830** Applied Pharmacokinetics (2) | | **PHAR 5251** Pharmacy Practice VIII (4)  **PHAR 5271** Advanced Pharmacotherapy (5)  **PHAR 5275** Symposium in Pharmacy (2)  **PHAR 5640** Social Justice and the Pharmacist (2)  ***PHAR 508P*** *PPE IV: hospital 2 weeks (1)* | | *Pharmacy Year 5 APPE courses begin in May* | |
| **Pharmacy**  **Year 5** | ***PHAR 605P*** *APPE: Direct Patient Care*  *8 weeks (12)* | ***PHAR 606P*** *APPE: Acute Care Hospital*  *8 weeks(12)* | | ***PHAR 607P*** *APPE: Community Pharmacy - 8 weeks (12)* | | ***PHAR 608P*** *APPE: Elective*  *6 weeks (9)* |

PPE = Pharmacy Practice Experience

APPE = Advanced Pharmacy Practice Experience

Up-dated: March 3, 2020