

DOCTOR OF PHARMACY

Professional Phase Courses

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|--------|---|---|
| RX 303 | Introduction to Pharmacy | 1 |
| RX 310 | Drug Information and Clinical Research Design I | 2 |
| RX 311 | Medical Physiology and Pathophysiology I | 4 |
| RX 312 | Medical Physiology and Pathophysiology II | 4 |
| RX 321 | Pharmaceutics I: Drug Characteristics and Calculations | 3 |
| RX 322 | Pharmaceutics II: Drug Delivery Systems with Lab | 4 |
| RX 342 | Medical Microbiology | 3 |
| RX 350 | IPPE I (Introductory Pharmacy Practice Experience I - Community) | 4 |
| RX 351 | Practice Skills Lab I | 1 |
| RX 352 | Communications and Ethics | 1 |
| RX 357 | Introduction to Therapeutics: Self Care/OTC | 3 |
| RX 361 | Medical Biochemistry | 3 |
| RX 362 | Practice Skills Lab II | 1 |
| RX 371 | Clinical Chemistry & Calculations | 1 |
| RX 372 | Applied Medical Physiology and Pathophysiology II (MPP II) for Pharmacists | 2 |
| RX 411 | Drug Information & Clinical Research Design II | 2 |
| RX 421 | Pharmacology and Medicinal Chemistry I | 3 |
| RX 422 | Pharmacology and Medicinal Chemistry II | 3 |
| RX 433 | Principles of Pharmacokinetics | 3 |
| RX 434 | Practice Skills Lab III | 1 |
| RX 443 | Social and Behavioral Pharmacy | |
| RX 450 | Introductory Pharmacy Practice Exp – Institutional | 3 |
| RX 456 | Individualized Pharmacokinetic Dosing | 2 |
| RX 458 | Pharmacoeconomics | |
| RX 464 | Practice Skills Lab IV | 1 |
| RX 474 | Pharmacotherapeutics I | 3 |
| RX 475 | Pharmacotherapeutics II | 3 |
| RX 491 | Applied Pharmacology & Pharmacotherapeutics I | 2 |
| RX 492 | Applied Pharmacology and Pharmacotherapeutics II | 2 |
| RX 503 | Ambulatory Care and Institutional Introductory Pharmacy Practice Experience (IPPE P3) | 1 |
| RX 504 | Clinical Pharmacy Capstone | 1 |
| RX 505 | Practice Skills Lab V | 1 |
| RX 523 | Pharmacology and Medicinal Chemistry III | 3 |
| RX 524 | Pharmacology and Medicinal Chemistry IV | 3 |
| RX 534 | Practice Skills Lab VI | 1 |
| RX 542 | Clinical Calculations Capstone | 2 |
| RX 551 | Drug Information & Clinical Research Design III | 2 |
| RX 552 | Pharmacy Law | 3 |
| RX 564 | Clinical Drug Interactions | 2 |
| RX 571 | Pharmacy Practice Management | 3 |
| RX 576 | Pharmacotherapeutics III | 4 |
| RX 577 | Pharmacotherapeutics IV | 4 |
| RX 591 | Applied Pharmacology & Pharmacotherapeutics III | 2 |
| RX 592 | Applied Pharmacology and Pharmacotherapeutics IV | 2 |

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|--------|---|-----|
| RX | Elective I | 2 |
| RX | Elective II | 2 |
| RX 648 | Transitions into the Profession I | 1 |
| RX 649 | Transitions into the Profession II | 1 |
| RX 650 | Transition into the Profession III | 2 |
| RX 660 | Block 1 Advanced Pharmacy Practice Experience | 5.5 |
| RX 665 | Block 2 Advanced Pharmacy Practice Experience | 5.5 |
| RX 670 | Block 3 Advanced Pharmacy Practice Experience | 5.5 |
| RX 675 | Block 4 Advanced Pharmacy Practice Experience | 5.5 |
| RX 680 | Block 5 Advanced Pharmacy Practice Experience | 5.5 |
| RX 685 | Block 6 Advanced Pharmacy Practice Experience | 5.5 |
| RX 690 | Block 7 Advanced Pharmacy Practice Experience | 5.5 |

Total Hours **145.5**

Suggested Course Sequence

First Year

| Fall | Hours | Spring | Hours | Summer | Hours |
|--------|-------|-----------|-------|-----------|-------|
| RX 303 | 1 | RX 312 | 4 | RX 350 | 4 |
| RX 310 | 2 | RX 322 | 4 | | |
| RX 311 | 4 | RX 342 | 3 | | |
| RX 321 | 3 | RX 357 | 3 | | |
| RX 351 | 1 | RX 362 | 1 | | |
| RX 352 | 1 | RX 372 | 2 | | |
| RX 361 | 3 | | | | |
| RX 371 | 1 | | | | |
| | | 16 | | 17 | |
| | | | | 4 | |

Second Year

| Fall | Hours | Spring | Hours | Summer | Hours |
|------------|-------|-----------|-------|--|-------|
| RX 411 | 2 | RX 422 | 3 | RX 450 ^(Can also be offered in preceding winter term) | 3 |
| RX 421 | 3 | RX 443 | | | |
| RX 433 | 3 | RX 456 | 2 | | |
| RX 434 | 1 | RX 458 | | | |
| RX 474 | 3 | RX 464 | 1 | | |
| RX 491 | 2 | RX 475 | 3 | | |
| Elective I | 2 | RX 492 | 2 | | |
| | | 16 | | 11 | |
| | | | | 3 | |

Third Year

| Fall | Hours | Spring | Hours | Summer | Hours |
|--------|-------|--------|-------|--------|-------|
| RX 503 | 1 | RX 504 | 1 | RX 648 | 1 |
| RX 505 | 1 | RX 524 | 3 | RX 660 | 5.5 |
| RX 523 | 3 | RX 534 | 1 | RX 665 | 5.5 |

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|--------|-----------|-------------|-----------|
| RX 542 | 2 | RX 552 | 3 |
| RX 551 | 2 | RX 564 | 2 |
| RX 571 | 3 | RX 577 | 4 |
| RX 576 | 4 | RX 592 | 2 |
| RX 591 | 2 | Elective II | 2 |
| <hr/> | | | |
| | 18 | 18 | 12 |

Fourth Year

| Fall | Hours | Spring | Hours |
|-------------|--------------|---------------|--------------|
| RX 649 | 1 | RX 650 | 2 |
| RX 670 | 5.5 | RX 685 | 5.5 |
| RX 675 | 5.5 | RX 690 | 5.5 |
| RX 680 | 5.5 | | |
| <hr/> | | | |
| | 17.5 | 13 | |
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Total Hours: 145.5