Wayne State University

Doctor of Pharmacy Program

Curriculum and

Course Pre-Requisites

Updated February 12, 2013

First Professional Year DOCTOR OF PHARMACY CURRICULUM

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| --- | --- | --- | --- | --- |
| Course Number | Course Name | Credits | Instructor | Prerequisites |
| FALL P-1 | | | | |
| PHA 3150 | Pathophysiology I | 2 | Pokorski | BIO 1510 or equivalent |
| PSC 3110 | Pharmaceutical Biochemistry | 3 | Abramson | P1 Standing |
| PSC 3120 | Dosage Form Design & Biopharmaceutics | 4 | TBD | P1 Standing |
| PPR 3020 | Introduction to Patient Care I | 2 | Miller | P1 Standing |
| PPR 3040 | Patient Care Lab I | 1 | Miller | P1 Standing |
| PHA 3030 | Pharmacy Calculations and Descriptive Biostatistics | 1 | Jaber | P1 Standing |
|  | Semester Hours | 13 |  |  |
| WINTER P-1 | | | | |
| PHA 3250 | Pathophysiology II | 3 | Pokorski | PHA 3150 |
| PSC 3210 | Biotechnology in Therapeutics | 2 | Firestine | PSC 3110 |
| PPR 3120 | Pharmacy Jurisprudence | 2 | Vivian | PPR 3020; PPR 3040 |
| PPR 3060 | Introduction to Patient Care II | 2 | Miller | PPR 3020; PPR 3040 |
| PPR 3070 | Patient Care Lab II | 1 | Miller | PPR 3020; PPR 3040 |
| PHA 3040 | Medical Informatics | 2 | Giuliano | P1 Standing |
|  | Semester Hours | 12 |  |  |
| SPRING P-1 | | | | |
| PSC 3310 | Principles of Drug Disposition | 3 | Pokorski | PHA 3150; PSC 3120; PSC 3210; PHA 3030 |
| PPR 3130 | Introductory Pharmacy Practice Experience I | 1 | TBD | P1 Standing |
|  | P-1 Accumulated Credits | 29 |  |  |

P1 Standing = Admission to the Doctor of Pharmacy Program.

P2 Standing = Successful completion of all P1 courses.

P3 Standing = Successful completion of all P2 courses.

P4 Standing = Successful completion of all P3 courses.

Second Professional Year DOCTOR OF PHARMACY CURRICULUM

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| Course Number | Course Name | Credits | Instructor | Prerequisites |
| FALL P-2 | | | | |
| *First Seven Week Block* | | | | |
| PSC 4320 | Principles of Drug Action | 3 | Pitts | P2 Standing |
| PHA 4010 | Principles of Pharmacotherapy 1: Self Care & Alternative Health Care | 3 | Pattin | P2 Standing |
| *Second Seven Week Block* | | | | |
| PHA 4110 | Principles of Pharmacotherapy 2; Immunology, Immune disorders, hematology, fluid & electrolytes | 4 | Bhalla | P2 Standing |
| *Courses Taken for Entire Semester* | | | | |
| PPR 4190 | Health Care I: Delivery & Finance | 3 | Bach | PPR 3120; PPR 3060; PPR 3070 |
| PPR 4120 | Patient Care Lab III | 1 | Miller | PPR 3060; PPR 3070 |
| PPR 4130 | Introductory Pharmacy Experience II | 1 | TBD | P2 Standing |
|  | Credits for Term | 15 |  |  |
| WINTER P-2 | | | | |
| *First Seven Week Block* | | | | |
| PHA 4210 | Principles of Pharmacotherapy 3: Infectious Diseases & Respiratory Diseases | 5 | Cha | PSC 4320; PHA 4010; PHA 4110 |
| *Second Seven Week Block* | | | | |
| PHA 4260 | Principles of Pharmacotherapy 4: Cardiovascular Diseases | 5 | Moser | PSC 4320; PHA 4010; PHA 4110 |
| *Courses Taken for Entire Semester* | | | | |
| PPR 4290 | Health Care II: Professional Practice & Development | 2 | Lucarotti | PPR 4190; PPR 4120 |
| PPR 4220 | Patient Care Lab IV | 1 | Miller | PPR 4120 |
| PPR 4320 | Introductory Pharmacy Experience III | 1 | TBD | P2 Standing; Co-Requisites PHA 4210 and 4260 |
|  | | | | |
|  | Credits for Term | 14 |  |  |
|  | Yearly Credits | 29 |  |  |
|  | Accumulated Credits for Program | 58 |  |  |

P1 Standing = Admission to the Doctor of Pharmacy Program. P3 Standing = Successful completion of all P2 courses.

P2 Standing = Successful completion of all P1 courses. P4 Standing = Successful completion of all P3 courses.

Third Professional Year DOCTOR OF PHARMACY CURRICULUM

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| Course Number | Course Name | Credits | Instructor | Prerequisites |
| FALL P-3 | | | | |
| *First Seven Week Block* | | | | |
| PHA 5155 | Principles of Pharmacotherapy 5: CNS Diseases, Mood Disorders, Substance Abuse | 5 | Parker | P3 Standing |
| *Second Seven Week Block* | | | | |
| PHA 5165 | Principles of Pharmacotherapy 6: Endocrinology, Renal, Gastrointestinal Diseases | 5 | Jaber | P3 Standing |
| *Courses Taken for Entire Semester* | | | | |
| PPR 6180 | Advanced Ethics and Professional Responsibility | 2 | Vivian | P3 Standing |
| PPR 5135/PPR 5235\* | Community Introductory Pharmacy Practice Experience OR Hospital Introductory Pharmacy Practice Experience | 2 | Stutrud, Lucarotti | P3 Standing |
| PPR 7840  PSC 7840 | Seminar (½ Class takes in Fall, ½ in Winter Semester, Credit Shown in Fall Semester Only) | 1 | Multiple | P3 Standing |
|  | Professional Elective | 2 |  | As per elective policy |
|  | Credits for Term | 17 |  |  |
| WINTER P-3 | | | | |
| *First Seven Week Block* | | | | |
| PHA 5270 | Principles of Pharmacotherapy 7: Toxicology, Drug- Induced Diseases, Dermatology, Oncology | 5 | Abramson | PHA 5155; PHA 5165; PHA 6180 |
| *Second Seven Week Block* | | | | |
| PHA 5280 | Principles of Pharmacotherapy 8: Women’s and Men’s Health, Age Relate Issues in Pharmacotherapy, PBL Intensive | 3 | O’Connell | PHA 5155; PHA 5165; PHA 6180 |
| *Courses Taken for Entire Semester* | | | | |
| PPR 6290  (replaces PPR 6220) | Population Based Medication Management | 2 | Davis | PHA 5155; PHA 5165; PHA 6180 |
| PPR 7670 | Clinical Pharmacokinetics | 2 | Slaughter | PHA 5155; PHA 5165; PHA 6180 |
| PPR 7840  PSC 7840 | Seminar (½ Class takes in Fall, ½ in Winter Semester, Credit Shown in Fall Semester Only) | 0 | Multiple |  |
| PPR5135/PPR5235\* | Community Introductory Pharmacy Practice Experience OR Hospital Introductory Pharmacy Practice Experience | 2 | Stutrud, Lucarotti | PHA 5155; PHA 5165; PHA 6180 |
| --------------------- | Professional Elective | 2 |  | As per elective policy |
|  | Credits for Term | 16 |  |  |
|  | Yearly Credits | 33 |  |  |
|  | Accumulated Credits for Program | 91 |  |  |

\*PPR 5135 and PPR 5235 are offered both semesters of the P-3 year with ½ of students alternating between each course

P3 Standing = Successful completion of all P2 courses.

Fourth Professional Year DOCTOR OF PHARMACY CURRICULUM

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| --- | --- | --- | --- | --- |
| Course Number | Course Name | Credits | Instructor | Prerequisites |
| *Students must complete 5 required courses and 2 elective courses over the academic year.* | | | | |
| PPR 7410 | Advanced Practice Patient Care 1 (Inpatient/Acute Care General Medicine) | 4 | Variety | P4 Standing |
| PPR 7420 | Advanced Practice Patient Care Core | 4 | Variety | P4 Standing |
| PPR 7430 | Ambulatory Care | 4 | Variety | P4 Standing |
| PPR 7550 | Advanced Practice General Hospital | 4 | Variety | P4 Standing |
| PPR 7560 | Advanced Practice General Community | 4 | Bugdalski-Stutrud | P4 Standing |
|  | Advanced Practice Elective (Patient Care or Non-Patient Care | 4 | Variety | P4 Standing |
|  | Advanced Practice Elective (Patient Care or Non-Patient Care | 4 | Variety | P4 Standing |
|  | Seminar (½ Class takes in Fall, ½ in Winter Semester) | 1 | ----------------- | P4 Standing |
|  | Total Credits for Year  *For students starting prior to Fall 2009, Advanced Patient Care electives are 3 credits* | 29 |  |  |
|  | Accumulated Credits for Program | 120 |  |  |

P4 Standing = Successful completion of all P3 courses