Curriculum Outline for Class of 2010

This outline is as approved by the Leadership Team on May 12, 2006, and amended on October 3, 2006, and in February 2007 and is subject to change. It is presented here to illustrate the course progression that our students should anticipate.

**Year 1 – Semester 1**
- PMSC 3112 - Anatomy and Physiology with Lab I 2
- PMSC 3110 - Anatomy and Physiology Lab 0
- PMSC 3114 - Biochemistry, Molecular Biology and Genetics 4
- PMSC 3104 - Microbiology, Virology and Immunology 4
- PMSC 3133 - Pharmaceutics and Biopharmaceutics I 3
- PMSC 3122 - Pharmacy Calculations 2
- PMPR 3144 - Pharmacy Practice I – Introduction to Patient Care 4

*(One credit hour is for 42 hours Introductory Pharmacy Practice Experience (shadowing) each semester, one semester in community and one in hospital)*

**Total** 19

**Year 1 – Semester 2**
- PMSC 3213 - Anatomy and Physiology with Lab II 3
- PMSC 3210 - Anatomy and Physiology Lab 0
- PMSC 3223 - Pharmacology I 3
- PMSC 3203 - Pathophysiology 3
- PMSC 3232 - Pharmaceutics and Biopharmaceutics II 2
- PMSC 3231 - Compounding and Dispensing Lab 1
- PMPR 3243 - Non Prescription Pharmacotherapy and Self Care 3
- PMPR 3244 - Pharmacy Practice II – Introduction to Patient Care 4

*(One credit hour is for 42 hours Introductory Pharmacy Practice Experience (shadowing) each semester, one semester in community and one in hospital)*

**Total** 19

**Year 2 – Semester 3**
- PMSC 4123 - Pharmacology II 3
- PMPR 4183 - Communication Skills for Health Professionals 3
- PMSC 4134 - Pharmacokinetics and Pharmacogenomics 4
- PMSC 4124 - Principles of Medicinal Chemistry 4
- PMPR 4142 - Pharmacy Practice III – Biostatistics and Study Design 2
- PMPR 4161 - Interpreting Laboratory Data 1

**Total** 17
Year 2 - Semester 4
PMSC 4223 - Pharmacology III 3
PMPR 4263 - Pharmacotherapy I 3
PMPR 4273 - Pharmacotherapy II 3
PMPR 4283 - Pharmacy Law and Ethics 3
PMPR 4244 - Pharmacy Practice IV – Drug Literature Evaluation 4
Elective* 2-3
Semester Work 18-19

Year 2 – Summer
PMPR 4322 - Early Pharmacy Practice Experience I - Community 2
(35 hours/week for two consecutive weeks during the summer)
PMPR 4332 - Early Pharmacy Practice Experience II - Hospital 2
(35 hours/week for two consecutive weeks during the summer)
Summer Total 4

Year 3 – Semester 5
PMPR 5163 - Pharmacotherapy III 3
PMPR 5173 - Pharmacotherapy IV 3
PMPR 5142 - Natural Medicines 2
PMPR 5182 - Principles of Healthcare Delivery 2
PMPR 5152 - Advanced Clinical Practice Skills I 2
PMPR 5143 - Pharmacy Practice V – Community 3
PMPR 5161 - Clinical Seminar I 1
Elective* 2-3
PMPR 4342 - Early Pharmacy Practice Experience III – Clinical** 2
(70 hours over the course of one semester during the P-3 year- half of class each semester)
Total 18-21

Year 3 – Semester 6
PMPR 5263 - Pharmacotherapy V 3
PMPR 5273 - Pharmacotherapy VI 3
PMPR 5233 - Clinical Pharmacokinetics 3
PMPR 5243 - Pharmacy Practice VI – Institutional 3
PMPR 5253 - Advanced Clinical Practice Skills II 3
PMPR 5261 - Clinical Seminar II 1
Elective* 2-3
PMPR 4342 - Early Pharmacy Practice Experience III – Clinical** 2
(70 hours over the course of one semester during the P-3 year- half of class each semester)
Total 18-21

** Students will be enrolled in this course only one of the two semesters in year 3)
Year 4 (May through April)

Eight rotational slots are available
[Time frames are approximate and exact dates will vary from year to year]

3rd week of May – 3rd week of June
4th week of June - last week of July
1st week of Aug – 2nd week of Sept
3rd week of Sept – 3rd week of Oct
4th week of Oct – last week of Nov
1st week of Jan – 2nd week of Feb
3rd week of Feb – 4th week of Mar
4th week of Mar – 1st week of May

Advanced Pharmacy Practice Experiences (six required Experiences, each 6 weeks in duration)

At least one of the Experiences must be designated as a rural care experience.

Community Pharmacy Practice Experience 6
Institutional Pharmacy Practice Experience 6
Inpatient/Acute Care Experience 6
Primary Care Experience 6
Elective Experience 6
Elective Experience 6

Pharmacy Practice Experience Electives: Elective Practice Experiences must be selected from a list of approved pharmacy practice experiences involving the care of patients. At least one of the elective Practice Experiences must have direct patient care responsibilities with minimal distributive responsibilities. A student may elect to take a seventh Pharmacy Practice Experience in an “open” slot (if available). This choice adds to that student’s requirement for graduation, increasing it by 6 additional credit hours, making the total required for graduation 157 to 160 (actual number depends on choice of didactic electives). Students who wish to take an elective that is not related directly involving pharmacy practice or patient-care activities (e.g., industry, research, academia, management) will be strongly encouraged to take this rotation as a third elective experience. Students with such interests will be encouraged to exercise this option.

Degree Total 151-154