

# Medicinal Chemistry and Pharmacognosy (PMMP)

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## Courses

### **PMMP 412. Pharmaceutical Applications of Genomics and Bioinformatics. 2 hours.**

Introduction to genomics and bioinformatics for advanced pharmacy students. Principles of gene expression, DNA sequencing in bacterial and human genomes, with emphasis on diagnostic and therapeutic applications. Course Information: Same as MDCH 412. Prerequisite(s): PHAR 331 or consent of the instructor. For graduate students: one or two semesters of basic molecular biology and/or biochemistry with a grade of B or better.

### **PMMP 460. Organic Medicinal Chemistry I. 3 hours.**

Organic reactions in terms of their mechanisms and utility in the field of medicinal chemistry, particularly in the synthesis of medicinal agents. Upper division elective taught simultaneously with MDCH 560, however, does not meet the prerequisite requirement of the medicinal chemistry graduate program. Course Information: Prerequisite(s): One year of organic chemistry with laboratory.