

# Pharmacology (PMCL)

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**PMCL 6260. Pharmacology 1. (2 Hours)**

Surveys the chemical and pharmacological basis of the major classes of drugs and their use in the treatment of disease. Characteristics of drugs studied include indications, adverse reactions, contraindications, structure-activity relationships, metabolism, mechanism of action, and clinically significant interactions.

**PMCL 6261. Pharmacology 2. (2 Hours)**

Continues PMCL 6260, although in a format that is not contingent that PMCL 6260 precedes this course.

**Prerequisite(s):** (PHSC 5100 with a minimum grade of C or PHSC 5100 with a minimum grade of C)

**PMCL 6262. Receptor Pharmacology. (2 Hours)**

Reviews receptors for drug substances and for endogenous ligands in a format that combines lecture presentations and discussion. Focuses on the evaluation of current literature. Covers techniques available to study receptors, various models for receptor-ligand interactions, stereochemical aspects of receptor interactions, receptor-mediated coupling mechanisms, and evaluation of several specific receptor systems.

**Prerequisite(s):** PHSC 5100 with a minimum grade of C- or PHSC 5100 with a minimum grade of D-

**PMCL 6962. Elective. (1-4 Hours)**

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.