

Pharmacology

The Nursing and Allied Health Department offers pharmacology courses as part of the Nursing program.

Academic and Career Pathway: Health Sciences

Contact Information

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<https://www.miracosta.edu/academics/degree-and-certificate-programs/health-sciences/nursing/index.html>

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Courses

PHAR 100: Basic Pharmacology–Dosages and Calculations

Units: 3

Prerequisites: MATH 28 or eligibility determined by the math placement process.

Acceptable for Credit: CSU

Lecture 3 hours.

Course Typically Offered: Fall, Spring, and Summer

This course introduces important concepts, methods, and principles of administering medications. Topics include drug action and drug interaction, drug classifications, terminology, pertinent abbreviations, legalities, pharmacokinetics, and pharmacodynamics as well as problem solving for accurate measurement of medications using the apothecary and metric systems, conversion of these systems, ratio, proportion, and other formulas.

PHAR 201: Pharmacology Review and Update

Units: 2

Prerequisites: None

Enrollment Limitation: Admission into the RN program or have an LVN or RN license.

Acceptable for Credit: CSU

Lecture 2 hours.

Course Typically Offered: Fall, Spring

This course reviews pharmacology principles, safe medication administration, and dosage calculations. It emphasizes therapeutic drug use in relation to health problems and updates information regarding drug classifications and prototype agents.

PHAR 292: Internship Studies

Units: 0.5-3

Prerequisites: None

Corequisite: Complete 75 hrs paid or 60 hrs non-paid work per unit.

Enrollment Limitation: Instructor, dept chair, and Career Center approval. May not enroll in any combination of cooperative work experience and/or internship studies concurrently.

Acceptable for Credit: CSU

Course Typically Offered: To be arranged

This course provides students the opportunity to apply the theories and techniques of their discipline in an internship position in a professional setting under the instruction of a faculty-mentor and site supervisor. It introduces students to aspects of the roles and responsibilities of professionals employed in the field of study. Topics include goal-setting, employability skills development, and examination of the world of work as it relates to the student's career plans. Students must develop new learning objectives and/or intern at a new site upon each repetition. Students may not earn more than 16 units in any combination of cooperative work experience (general or occupational) and/or internship studies during community college attendance.

PHAR 299: Occupational Cooperative Work Experience

Units: 1-4

Prerequisites: None

Corequisite: Complete 75 hrs paid or 60 hrs non-paid work per unit.

Enrollment Limitation: Career Center approval. May not enroll in any combination of cooperative work experience and/or internship studies concurrently.

Acceptable for Credit: CSU

Course Typically Offered: To be arranged

Occupational Cooperative Work Experience Education is intended for students employed in a job directly related to their major. It allows such students the opportunity to apply the theories and skills of their discipline to their position and to undertake new responsibilities and learn new skills at work. Topics include goal-setting, employability skills development, and examination of the world of work as it relates to the student's career plans. Students may not earn more than 16 units in any combination of cooperative work experience (general or occupational) and/or internship studies during community college attendance.