

# PHARMACY - PHAR (PHAR)

## PHAR 1000. Drugs: Actions and Impact on Health and Society. (3 Credits)

Introductory survey of common drugs used medically and nonmedically. Biological emphasis with historical, cultural, social implications. General Concepts: mechanisms of action, modification drug response, new drug development. CA 3.

Not open to Pharmacy students. Not open to students who have passed PHAR 2000 when taken as Drugs: Actions and Impact on Health and Society.

**Content Areas:** CA3: Science & Technology

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHAR%201000>)

## PHAR 1001E. Toxic Chemicals and Health. (3 Credits)

Human and environmental health issues and problems associated with voluntary and involuntary exposure to toxic chemicals. Toxic chemical risks as compared to other societal health risks, the processes of scientific risk assessment, how environmental and human exposure to toxic chemicals are interdependent, and the social and environmental management of toxic chemical risks. CA 3.

**Skill Codes:** COMP: Environmental Literacy

**Content Areas:** CA3: Science & Technology

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## PHAR 1005. Molecules in the Media. (3 Credits)

Introduction to the fundamental concepts of chemistry and biology within the context of common molecules discussed in the media. Major topics include the structure and function of essential biological macromolecules, the mechanisms through which various molecules regulate natural processes, and the design and development of synthetic small molecules as therapeutic agents. CA 3.

Not open to pharmacy students in the Professional Program.

**Content Areas:** CA3: Science & Technology

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## PHAR 2000. Special Topics. (1-6 Credits)

Credits and hours as determined by the Senate Curricula and Courses Committee.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHAR%202000>)

## PHAR 3012. Pharmacy Research Seminar. (1 Credit)

(Also offered as PHRX 3012.) A seminar series providing an overview of current research areas and contemporary issues in pharmacy practice and the pharmaceutical sciences.

Recommended Preparation: A cumulative gpa of 2.3 or above is normally required.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHAR%203012>)

## PHAR 3095. Special Topics. (1-6 Credits)

Open only to Pharmacy students.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHAR%203095>)

## PHAR 3097W. Honors Thesis in Pharmacy. (3 Credits)

(Also offered as PHRX 3097W.)

ENGL 1007 or 1010 or 1011 or 2011; open only to honors students within the School of Pharmacy with consent of the instructor and Associate Dean.

**Grading Basis:** Honors Credit

**Skill Codes:** COMP: Writing Competency

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHAR%203097W>)

## PHAR 3099. Undergraduate Research. (1-6 Credits)

(Also offered as PHRX 3099.) Designed primarily for qualified students who wish to extend their knowledge in the various fields represented in the School of Pharmacy. A divisional and pharmacy cumulative grade point average of 2.8 or above is normally required for enrollment. A written summary of work performed is required at the end of each semester.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHAR%203099>)

## PHAR 4000. Personalized Medicine. (3 Credits)

Overview of personalized medicine. Discussion of individual response to treatment based on genetics, adaptation of treatment plans and medicines, phenotypes, genetics and environment, life style changes, and genomes.

BIOL 1107; open to juniors or higher. Not open to students who have passed PHAR 3095 when offered as Pharmacogenomics.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHAR%204000>)