

# The School of Science and Engineering

## Pharmacology

*Note: minor program only*

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### Program Administrator

*Krishna C. Agrawal, Ph.D., Florida (Director)*

The interdisciplinary minor in pharmacology is open to students majoring in biology, chemistry or psychology. Courses at the 700-level may be taken by junior and senior undergraduates by special permission. Prerequisites include Chemistry 241 and 243 Organic Chemistry I and Laboratory, Chemistry 242 and 244 Organic Chemistry II and Laboratory, and Ecology and Evolutionary Biology 333 Human Physiology.

### MINOR

A minor in pharmacology requires the successful completion of 15 credits of required and elective courses. All students working toward the minor will be required to take Chemistry 305 Drugs and Their Actions (same as Cell and Molecular Biology 305, Pharmacology 605). No more than one of the courses counting toward a pharmacology minor will count toward a departmental major. The four electives are to be selected from among the approved list. Electives other than those listed may be substituted upon approval of the Chair of the Department of Pharmacology under special conditions.

### ELECTIVE COURSES

CELL 331 Cellular Neuroscience

CELL 608 Advanced Developmental and Cell Biology

CELL 633 Cellular Gene Regulation and Expression

CELL 663 Cellular Neurophysiology

EBIO 201 Evolution in Human Health and Disease

CHEM 383 Introduction to Biochemistry

CHEM 384 Intermediate Biochemistry

NSCI/PSYC 651 Biological Psychology

NSCI/PSYC 653 Psychopharmacology

NSCI/PSYC 655 Behavioral Neuroendocrinology

NSCI/PSYC 657 Cognitive Neuroscience

\*GPHR 703 Clinical Toxicology

\*GPHR 704 Physiological and Biochemical Bases of Neuropharmacology

\*GPHR 717 General Principles of Toxicology

\*GPHR 718 Special Topics in Pharmacology

\*GPHR 719, 720 Seminar in Pharmacology

\*GPHR 721, 722 Advances in Pharmacology

\*GPHR 723, 724 Principles in Pharmacology

\*GPHR 750 Research in Pharmacology

\*GPHR 756 Mechanisms of Hormone Action

\*GPHR 706 Endocrine Pharmacology