**BCP**

### Pharmacology

#### BCP 394-H Environmental Toxicology and Public Health

Principles of toxicology are presented and problems associated with major classes of toxic chemicals to human and environmental health are examined. Case studies dealing with current waste management issues are also discussed. This course is offered as both BCP 394 and MAR 394.

**Prerequisites:** BIO 201; CHE 131 or 141

3 credits

#### BCP 400 Writing in Pharmacology

See requirements for the major in pharmacology, upper-division writing requirement.

**Prerequisites:** Pharmacology major; U3 or U4 standing; permission of instructor

S/U grading

#### BCP 401 Principles of Pharmacology


**Prerequisites:** BIO 362; CHE 322 and 327; a g.p.a. of 3.00 or higher in these courses and their prerequisites.

Corequisite for pharmacology majors: BCP 403

4 credits

#### BCP 402 Advanced Pharmacology


**Prerequisites:** BCP 401 and 403; minimum of B- in BCP 401

Corequisite: BCP 404

4 credits

#### BCP 403 Principles of Pharmacology Laboratory


**Prerequisite:** Permission of instructor

Corequisite: BCP 401

2 credits

#### BCP 404 Advanced Pharmacology Laboratory


**Prerequisites:** BCP 401 and 403; permission of instructor

Corequisite: BCP 402

2 credits

#### BCP 406 Pharmacology Colloquium

Seminars on research in pharmacology and toxicology presented by faculty and distinguished scientists from academic and industrial institutions. Students are expected to develop an understanding of the scientific principles presented in the colloquium. Speakers meet with the students after the seminar to discuss research concepts and to answer questions. One-hour Journal Club/Discussion followed by one-hour seminar. May be repeated.

**Prerequisites:** BIO 202 and 203; CHE 322; a g.p.a. of 3.00 in these courses and their prerequisites

2 credits

#### BCP 475 Undergraduate Teaching Practicum in Pharmacology

**Prerequisites:** Pharmacology major; U4 standing; permission of department

3 credits, S/U grading

#### BCP 487 Research in Pharmacology

Completion of an individual student research project under the supervision of a faculty member. Previously acquired laboratory course techniques and new procedures are utilized. Experimental results must be submitted to the department for grade evaluation in the format of a research report. Not for credit in addition to HSH 396, 398, and 399. May be repeated.

**Prerequisites:** BIO 202 and 203; CHE 322 and 327; a g.p.a. of 3.00 in these courses and their prerequisites; permission of instructor and department

0-6 credits

#### BCP 488 Internship

Research participation in off-campus laboratories, the pharmaceutical industry, and other academic and public agencies. Repeatable up to 12 credits.

**Prerequisites:** BIO 361; CHE 322; g.p.a. of 3.00 or higher in these courses and their prerequisites; permission of department

0-6 credits, S/U grading