PHARMACOLOGY MAJOR, B.S. – 2007-2008

To be admitted to full major status, students must fulfill the pre-biology course and grade-point average requirements as described in the General Catalog. At a minimum, they must complete twelve designated courses from the Preparation for the Major with a 2.0 or higher UC grade-point average.

Note: Hyphens indicate that an entire sequence must be completed as shown to fulfill an area requirement.

PREPARATION FOR THE MAJOR

Chemistry 1A-AL-B-L-C, 1A-AL-B-L-C (or 2 series) ................................................................. 15
MCDB 1A-AL-1B, EEMB 2-3-3L, and either MCDB 1BL or EEMB 2L ........................................ 15
(Transfer students must consult the advisor regarding selected topics to be covered in Z courses.)

Chemistry 6AL, 6BL (or 6BH) and 109A-B-C ................................................................. 18
Mathematics 3A-B or 34A-B ......................................................................................... 8
One of the following: PSTAT 5A or EEMB 30 or Math 3C or Psy 5 ................................. 4 or 5
Physics 6A-AL-B-L-C, 6AL ................................................................................. 12

UPPER-DIVISION MAJOR

50 UD units required, distributed as follows: ................................................................. 50

I. A. Pharmacology: MCDB 126A-AL-B-L-C ................................................................. 18
B. Biochemistry: MCDB 108A-B-C ................................................................................ 18
C. Genetics: MCDB 101A-B ................................................................. 8

II. Additional units from the following to bring the total upper-division units in the major to 50: .................................................................

Note: No more than 16 total units may be taken outside the Department of Molecular, Cellular, and Developmental Biology. (Courses that are cross-listed between MCDB and other departments do not count towards the 16 units maximum). Instructor approval required prior to enrollment in psychology courses.


A maximum of 4 units of MCDB 185-199 can be applied. BMSE may be accepted by petition only.

Students are encouraged to select their elective courses from within one of these tracks:

- 3. Neurobiology and Behavior: MCDB 151, 152, 153; Psychology 115, 133, 137
- 4. Physiology and Development: MCDB 111, 112, 112L, 151, 151L, 152, 153; EEMB 111, 154, 156, 175

MAJOR REGULATIONS

PREREQUISITES...................................................................... Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION........................................ Not allowed for major courses (prep or UD), including courses applied to the major from other departments, except up to 4 units of courses that do not allow letter grades.
SUBSTITUTIONS........................................................................... In the major requirements permissible only by petition to the department chair and dean.
RESIDENCE REQUIREMENTS........................................ At least 20 UD units in major while in residence at UCSB.
G.P.A REQUIREMENTS.......................................................... At least 2.0 overall UC average in all upper-division major courses and all courses (Prep and UD) for the major, including courses in excess of minimum requirements.
DOUBLE MAJORS........................................................................ With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.