

PHARMACOLOGY MAJOR, B.S. – 2023-2024

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* and *Pre-Biological Sciences Major Sheet*. 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. Grades earned must meet grade prerequisites for the full major.

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

PREPARATION FOR THE MAJOR

UNITS TO COMPLETE

Chemistry 1A-AL-B-BL-C-CL (or 2A-AC-B-BC-C-CC).....	15
MCDB 1A-B, EEMB 2-3, MCDB 1LL and EEMB 2LL	16
Chemistry 6AL and 109A-B-C or 109AH-BH-CH	15
Mathematics 3A-B or 34A-B	8
One of the following: PSTAT 5LS or 5A or Math 4A	4 or 5
Physics 6A-AL-B-BL-C-CL	12

UPPER-DIVISION MAJOR

48 UD units required, distributed as follows: 48

- I. A. Pharmacology: MCDB 126 and 126AL-B-BL
- B. Biochemistry: MCDB 108A (or W 108A) and 108B
- C. Genetics: MCDB 101A-B
- D. Human Physiology: MCDB 111*
- E. Pharmacology Colloquia: MCDB 187
- II. Additional units from the following to bring the total upper-division units in the major to 48

Note: *A minimum of 32 UD units must be completed through courses within the MCDB department. Instructor approval required prior to enrollment in psychology courses.*

MCDB 101AH, 101BH, 101L, 103, 108AH, 108C, 109L, 111H, 112, 112H, 112L, 123, 126BH, 131, 131L, 132, 132L, 133, 133H, 133L, 134, 134H, 135, 135H, 138 (or W 138), 139, 139H, 140L, 145 (or Chemistry 151), 146, 151, 151H, 152, 152H, 153, 153H, 161L, 170, 172, 192, 194ML, 197, 198, 199; EEMB 111, 111H, 156; Chemistry 141, 161, 162A, 162B; Psychology 115, 133, 134, 137, 162

A maximum of 8 units of MCDB 185-199 can be applied. BMSE may be accepted by petition only. *It is highly recommended that students take MCDB 111 (Physiology) and Writing 109ST (Writing for Science and Technology) prior to enrolling in the MCDB 126A-AL-BL courses.

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.
- 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.
- DOUBLE MAJORS
- With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.