COMPUTER SCIENCE—COMPUTATIONAL BIOLOGY EMPHASIS, B.A. – 2012-2013

Admission to the Computer Science major from other majors is contingent upon the completion of CMPSC 16, CMPSC 24 and CMPSC 40 with a grade of B or better in each and completion of Math 3AB and Math 4AB with a grade of C or better in each as well as a cumulative GPA of 2.0 or higher. Successful completion of these requirements does not guarantee admission to the major.

PREPARATION FOR THE MAJOR

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<tr>
<th>Mathematics 3A-B, 4A-B, 6A</th>
<th>UNITS YET TO COMPETE</th>
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| Computer Science 16, 24, 32, 40 | 16 |
| PSTAT 120A (or W 120A) | 4 |
| Chemistry 1A-AL-BL-C-CL | 15 |
| MCDB 1A-AL; MCDB 1B; EEMB 2; either MCDB 1BL or EEMB 2L | 11 |
| Engineering 101 | 3 |

UPPER-DIVISION MAJOR

44 UD units are required, distributed as follows:

A. Computer Science 138, 165B, 167, 174A | 16 |
B. Computer Science 130A-B | 8 |
C. PSTAT 120B | 4 |
D. MCDB 101A-B | 8 |
E. 8 units from MCDB 103, 103L, 110, 112, 112L, 118, 133, 153 | 8 |

Biology UD elective courses taken:

Recommended: 8 additional units of UD Computer Science or MCDB electives.

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 major), including courses applied to the major from other departments.

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.