

# Cell, Molecular, and Developmental Biology

## Approved List of Depth Courses for the B.S.

### Lower-division Courses

\*Chemistry (CHEM): 5

^Computer Science (CS): 10, 12, 14, 61

### Upper-division Courses

Anthropology (ANTH): 146, 150, 152, 155, 156, 162, 170

Biochemistry (BCH): any upper division except the BCH course(s) used to fulfill the biochemistry component of the life science core

Chemistry (CHEM): any upper division except the CHEM courses used to fulfill the chemistry component of the life science core, including any corresponding discussion courses

Computer Science (CS): any upper division except 190-199

Environmental Sciences (ENSC): any upper division except 143A, 143B, 143C, 174

Mathematics (MATH): any upper division except 190-199

Psychology (PSYC): 129, 146, 160, 178, 179 and any cross-listed with CBNS

Statistics (STAT): any upper division except 190-199 and the STAT course used to fulfill the statistics component of the life science core

Any upper-division course from the following departments and programs:

Biology (BIOL)

Botany & Plant Sciences (BPSC)

Cell Biology & Neuroscience (CBNS)

Earth Sciences (GEO)

Entomology (ENTM)

Environmental Toxicology (ENTX)

Microbiology (MCBL)

Nematology (NEM)

Physics (PHYS)

Plant Pathology (PLPA)

Soil and Water Sciences (SWSC)

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\* An equivalent transfer course with a minimum grade of "C" will satisfy no more than 5 units of the Depth requirement.

^ An equivalent transfer course with a minimum grade of "C" will satisfy no more than 4 units of the Depth requirement.

## **More information on the Depth requirement:**

1. Major elective units in excess of 32 may also be applied to the Depth requirement. This includes courses in the “laboratory” category.

2. A maximum of 8 units from courses numbered 190-199 from the life and physical sciences listed on the reverse side of this document, including no more than 4 units of 198 courses, may be applied to the Depth requirement.

3. Courses applied to the Depth requirement must be taken for a letter grade if letter grades are offered for the course being considered.

4. For students in the Health Science track, courses from the lists below are recommended options for the Depth requirement. They are also acceptable choices for students in the Disciplinary track.

### Courses in Psychology/Neuroscience (two courses recommended for the Health Science track):

Cell Biology & Neuroscience (CBNS): 126, 127 (cross-listed with PSYC)

Psychology (PSYC): PSYC 129, 178, 179

### Recommended courses in an area of Microbiology:

BIOL 157, ENSC/MCBL/SWSC 133, ENSC/MCBL/SWSC 141, BIOL/MCBL 121,

BIOL/MCBL/PLPA 123, BIOL/MCBL 124, BIOL/PLPA 134

### Recommended courses in Anatomy, Zoology, or Physiology:

BIOL 151, 161A, 171, 175, 176

### Recommended Community Service Experience:

4 units of CBNS 198I or equivalent