



Major Description

The Bachelor of Science degree in Molecular, Cell, and Developmental Biology is designed especially for students who intend to go on to postgraduate work in biology or medicine and for students aiming for entry-level positions in biotechnology-related fields. Students are exposed to basic biological and molecular concepts underlying recent technical advances in molecular, cell and developmental biology of animals and plants. Areas of emphasis include cell biology, molecular biology, developmental biology and neurobiology, among others.

Starting Your Cell Biology Degree

Lower-Division Major Requirements in Cell Biology

From UC's perspective, community college is where you begin working on the first two years of your bachelor's degree. This includes taking lower-division coursework specifically related to your field of study that may be applied toward graduation in your major.

Listed below are the lower-division requirements for **Molecular, Cell and Developmental Biology, B.S.** that may be satisfied with approved community college courses unless otherwise noted. To find out which of these requirements are shared by other UC campuses, see the UC Statewide Transfer Preparation Path in Cell Biology.

- General Biology (full sequence for Biological Science majors)
- General Chemistry (full sequence)
- Organic Chemistry (full sequence)
- Calculus for Science and Engineering (full sequence)
- Calculus-based Physics (three terms)

!!! IMPORTANT!!!

All of these requirements do not necessarily have to be completed **before** you transfer. See the next section of this path for what you must do to be competitive for admission.

FIND YOUR COURSES

Every course at your community college that can be used to meet any of the lower-division major requirements is listed at

www.assist.org

