

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
NEW STUDENT MAJOR ADVISING SUMMARY FOR 2018-2019 FROSH

Students are admitted to UCSC with a "proposed major" in most cases, and later petition to officially declare the major. Admission to UCSC does not guarantee acceptance into a particular major. Students must be declared in a major by the end of the second year (or equivalent), so learning about and preparing for a major is a primary goal for first-year students.

Major:	MOLECULAR, CELL, DEVELOPMENTAL BIOLOGY, BS
Importance of an early start:	This is a course-intensive and/or sequential program, and students who intend to pursue this major must begin taking classes for the major sometime in their first year at UCSC.
Qualification requirements and/or prerequisites for the major:	To qualify for this major, students must pass with a grade of C or better the following courses or their equivalents: Chem 1A, Chem 1B, Chem 1C, Biol 20A, Biol 20L, and Bioe 20B. Students with two or more grades of C-, D+, D, D-, F or NP in the policy courses are not eligible to declare.
Frosh who intend to pursue this major should do the following things prior to the beginning of fall term...	<ul style="list-style-type: none">❑ Determine your math placement by completing an assessment in ALEKS as soon as possible, and by July 16 at the very latest. See https://mathcoach.sites.ucsc.edu for information about ALEKS. If you completed a college-level math course, or scored 3 or better on an AP calculus exam, or 5 or better on an IBH mathematics exam, you may be able to use that for placement instead of the ALEKS assessment. See https://mathcoach.sites.ucsc.edu/courses/course-credit/ for information on placement based on college courses or AP/IBH.❑ Students who have taken college-level transferable classes that may apply to the requirements of this major should submit an unofficial transcript to the Biological Sciences Undergraduate Affairs Office prior to July 1, in addition to the official transcript required by the UCSC Admissions Office. Major requirements must be completed with a grade of C (2.0) or better.❑ Students can take the Chemistry Self Assessment (https://www.chemistry.ucsc.edu/academics/undergraduates/First%20Year%20Students/chemistry_self_assessment.html) for assistance in determining when to begin in general chemistry.
...and should take these courses their first term:	The appropriate Mathematics class if needed based on placement.
Sample first year plan:	Fall: MATH 3: <i>Precalculus</i> Winter: MATH 11A: <i>Calculus with Applications</i> and CHEM 1A: <i>General Chemistry</i> Spring: MATH 11B: <i>Calculus with Applications</i> and CHEM 1B: <i>General Chemistry</i>
Skills important for success in this major:	Critical and logical thought, complex problem solving using scientific rules and methods, deductive and inductive reasoning.
Links to More Information:	http://admissions.ucsc.edu/academics/majors/ (general info) http://registrar.ucsc.edu/catalog/programs-courses/ (major requirements, course descriptions, etc.) https://mcd.ucsc.edu/academics/undergraduate/mcdbbs/index.html (program website)
Questions? Contact an Adviser!	Brenna Candelaria, Catherine Chang, and Natalie Keating mcdadvising@ucsc.edu