

NEW STUDENT MAJOR ADVISING SUMMARY FOR 2018-2019 TRANSFER STUDENTS

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. Junior transfer students must be officially declared in a major by the deadline in their second quarter of enrollment.

Major: BIOCHEMISTRY AND MOLECULAR BIOLOGY B.S.

Qualification requirements and/or prerequisites for the major:

Transfer students must pass equivalents of the following courses with a C or better and have a minimum GPA of 2.5 in these qualification courses:

- CHEM1B: *General Chemistry*
- CHEM 1C: *General Chemistry*
- CHEM 8A: *Organic Chemistry*
- BIOL 20A: *Cell and Molecular Biology*
- MATH 11A or 19A

Transfer students who intend to pursue this major should do the following prior to the beginning of their first term...

Students are strongly encouraged to complete courses equivalent to CHEM 8A/L, CHEM 8B/M, MATH 11A/19A and 11B/19B, and MATH 22, PHYS 6A/L, 6B/M and 6C/N, and AMS 5 prior to transfer.

...and should take these courses their first term:

Students who have taken college-level transferable classes that may apply to the requirements of this major should submit an unofficial transcript to the adviser prior to July 1, in addition to the official transcript that is required by the UCSC Admissions Office.

BIOC 100A: *Biochemistry with lab*
BIOL 105: *Genetics*

This plan is based on completion of all recommended transfer course work.

If unable to enroll in courses listed above:

Please email chemistryadvising@ucsc.edu.

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.)
<http://www.chemistry.ucsc.edu/academics/undergraduates/>
(program website)
<http://www.assist.org/web-assist/welcome.html> (transfer credit info)

Questions?
Contact an Adviser!

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