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: BIOENGINEERING**

**Importance of an early start:**
This is a course-intensive and/or highly sequential program, and students who intend to pursue this major must begin taking classes for the major in their first term at UCSC.

**Qualification requirements and/or prerequisites for the major:**
Admission to this major is selective. Students will be accepted to the major based on their grade point average in selected introductory courses. Detailed information about admission to this major will be available to students in the 2015-16 general catalog and also on the BSOE undergraduate advising website ([http://ua.soe.ucsc.edu](http://ua.soe.ucsc.edu)) in the fall.

**Frosh who intend to pursue this major should do the following things prior to the beginning of fall term...**

- Determine your Math Placement by completing an assessment at [http://undergrad.pbsci.ucsc.edu/enrollment/math/math-placement/mp-aleks-overview.html](http://undergrad.pbsci.ucsc.edu/enrollment/math/math-placement/mp-aleks-overview.html). If you have completed a college-level math course, or have scored 3 or better on an AP or IB calculus exam, you may be able to use that for placement instead of the ALEKS assessment.

- Students with college-level transferable courses must mail or email a copy of the transcript to Baskin School of Engineering Undergraduate Advising Office by July 1, in addition to providing the official transcript to the UCSC Admissions Office.

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

- **Biomolecular:** CHEM 1A: General Chemistry, OR BME 80G: Bioethics, OR BME 5: Intro. to Biotechnology
- **Bioelectronics:** Physics 5A/L: Intro. Physics, OR CMPE 12/L: Computer Systems and Assembly Language (programming experience recommended), or BME 80G: Bioethics
- **Assistive Technology Motor:** Physics 5A/L: Intro Physics, OR CMPE 80A: Universal Access, or BME 80G: Bioethics
- **Assistive Technology Cognitive/Perceptual:** Physics 5A/L or 6A/L: Intro Physics, OR CMPS 12A/L: Intro. to Programming (accelerated). If unable to enroll in Physics or programming, then enroll in CMPE 80A: Universal Access, or BME 80G: Bioethics

Skills important for success in this major:
Mathematics, science, problem solving, design, and writing. A desire to apply science and technology to solving problems of global health and medicine.

Other information:
Be sure to attend a BSOE Orientation. Come to Summer Orientation, Fall Orientation during Fall Welcome Week, or both!

Links to More Information:
- [http://admissions.ucsc.edu/academics/majors/](http://admissions.ucsc.edu/academics/majors/) (general info)
- [http://registrar.ucsc.edu/catalog/programs-courses/](http://registrar.ucsc.edu/catalog/programs-courses/) (major requirements, course descriptions, etc.)
- [https://beng.soe.ucsc.edu/](https://beng.soe.ucsc.edu/) (program website)

Questions? Contact an Adviser!
BSOE Undergraduate Advising
459-5840 or advising@soe.ucsc.edu
BSOE Undergraduate Affairs Office 225 Baskin

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