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:** ELECTRICAL ENGINEERING

**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 the foundation courses. Detailed information about admission to this major will be available to students in the 2016-17 general catalog and also on the BSOE Undergraduate Major Qualification website (http://ua.soe.ucsc.edu/major-qualification/) in the fall.


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

**Frosh who intend to pursue this major should do the following things prior to the beginning of fall term...**
- Attend summer orientation and review degree requirements.
- Determine your Math Placement by completing an assessment at 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.

**...and should take these courses their first term:**
Enroll in appropriate math class: MATH 3: Precalculus, or MATH 19A or MATH 19B: Calculus for Science, Engineering, and Math

If enrolling in MATH 3, then also enroll in CMPS 5P: Intro. to Programming in Python, or CMPS 5J: Intro. to Programming in Java

If enrolling in MATH 19A or 19B, then also enroll in PHYS 5A/L: Intro. to Physics I

**Skills important for success in this major:**
Fundamental essential skills in mathematics, abstract and critical conceptual thinking, problem solving, oral and written communication and time management.

**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/ (general info)
- http://registrar.ucsc.edu/catalog/programs-courses/ (major requirements, course descriptions, etc.)
- https://www.soe.ucsc.edu/departments/electrical-engineering/ (program website)

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

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