**Major:** NETWORK AND DIGITAL TECHNOLOGY

**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 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 BSOE Advising by July 1, in addition to providing the official transcript to the UCSC Admissions Office.

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

- Math 3 Precalculus or
- Math 19A Calculus for Science, Engineering, and Mathematics AND
- CMPE 12/L, Computer Systems and Assembly Language w/lab (programming experience strongly recommended), OR
- CMPE 8, Robot Automation (no programming experience required)

**Skills important for success in this major:** Skills in mathematics, abstract thinking, attention to detail, logical reasoning, and an interest in how things work and making them work.

**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.)
- [http://ce.soe.ucsc.edu/academics/undergraduate/bandt/](http://ce.soe.ucsc.edu/academics/undergraduate/bandt/) (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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