**NEW STUDENT MAJOR ADVISING SUMMARY FOR 2016-2017 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: 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 2016-17 general catalog and also on the BSOE Undergraduate Major Qualification website (https://ua.soe.ucsc.edu/major-qualification) 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 in ALEKS before July 17 at [http://undergrad.pbsci.ucsc.edu/enrollment/math/math-placement/mp-assessment-guidelines.html](http://undergrad.pbsci.ucsc.edu/enrollment/math/math-placement/mp-assessment-guidelines.html). If you completed a college-level math course, or 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:**

- MATH 3: *Precalculus* or MATH 19A: *Calculus for Science, Engineering, and Mathematics*
  - AND
- CMPS 5J: *Intro. to Programming in Java*, OR CMPS 10: *Intro. to Computer Science*

**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://www.soe.ucsc.edu/departments/computer-engineering/undergraduate/ba-network-digitaltechnology](http://www.soe.ucsc.edu/departments/computer-engineering/undergraduate/ba-network-digitaltechnology) (program website)

**Questions? Contact an Adviser!**

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