### COMPUTER SCIENCE

**Importance of an early start:**

Admission to this major is selective. The Computer Science major at UCSC is impacted, and in order to pursue this major students must have been admitted to UCSC as a proposed Computer Science Major. Students not admitted as Computer Science will not be able to pursue this major.

Students admitted to Computer Science will also need to satisfy the BSOE’s Proposed Major Status Policy and the major’s qualification criteria in order to declare. Detailed information about declaring this major will be available to students in the 2018-19 General Catalog and also on the BSOE Undergraduate Major Qualification website (http://ua.soe.ucsc.edu/major-qualification/) in the fall.

**Qualification requirements and/or prerequisites for the major:**

- Attend summer orientation and review degree requirements.
- Determine your math placement by completing an assessment in ALEKS as soon as possible, and by July 16 at the very latest. See https://mathcoach.sites.ucsc.edu for information about ALEKS. If you completed a college-level math course, or scored 3 or better on an AP calculus exam, or 5 or better on an IB mathematics exam, you may be able to use that for placement instead of the ALEKS assessment. See https://mathcoach.sites.ucsc.edu/courses/course-credit/ for information on placement based on college courses or AP/IB.
- 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.

**Math and Computer Science courses:**

- **MATH 3: Precalculus**, OR
- **MATH 19A: Calculus for Science, Engineering and Math**  
  AND
- **CMPS 5J: Intro. Programming in Java** (no programming exp. required), OR
- **CMPS 12A/L: Intro. to Programming - Accelerated** (programming experience highly recommended).

**Skills important for success in this major:**

Skills in mathematics, abstract thinking, attention to detail, logical reasoning, creative problem solving, and ability to focus.

**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.cs.ucsc.edu/undergraduates](http://www.cs.ucsc.edu/undergraduates) (program website)

**Questions? Contact an Adviser!**

Baskin School of Engineering Undergraduate Advising  
459-5840 or advising@soe.ucsc.edu  
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