Prepare to Declare Computer Engineering!

Propose!

In order to declare the Computer Engineering major, your proposed major in myUCSC must be one of the following:

- Bioengineering
- Biomolecular Engineering and Bioinformatics
- Computer Engineering
- Computer Science: Computer Game Design
- Computer Science (BA or BS)
- Electrical Engineering
- Robotics Engineering

To change your proposed major to a School of Engineering major please visit:
http://tinyurl.com/proposedbsoe

Take classes your first year!

Within your first 3 quarters at UCSC you **MUST** pass MATH 19A or MATH 20A **AND 2** courses from the following list*:

- CHEM 1A - General Chemistry
- **CMPE 12 - Computer Systems & Assembly Language**
- **CMPE 13 - Computer Systems & C Programming**
- **CMPE 16 - Discrete Math**
- CMPS 11 - Intermediate Programming
- CMPS 12A - Introduction to Programming
- **CMPS 12B - Data Structures**
- **MATH 19B - Calculus**
- **MATH 20B - Honors Calculus**
- **PHYS 5A - Intro to Physics I**
- **PHYS 5C - Intro to Physics III**

Make sure to take all classes you are using for major requirements for a letter grade!

Qualify!

Complete 36 credits of major qualification coursework no later than the end of your 5th quarter at UCSC to declare.

- Major Qualification Courses: MATH 19A, MATH 19B, MATH 23A, AMS 10 or MATH 21, AMS 20, CMPE 12/L, CMPE 13/L, CMPE 16, CMPS 12B/M, PHYS 5A/L, PHYS 5C/N

Have no more than 7 credits of non-passing (below C) grades in major qualification courses. Repeating a class replaces the grade in your GPA but will still count toward the non-passing grade total.

Earn at least a 2.8 GPA in the major qualification courses. That's just above a B- average!

Declare!

Declare your major no later than your 6th quarter at UCSC.

Visit
https://undergrad.soe.ucsc.edu/declare-your-major
to see the steps to the major declaration process.

Deadlines are different within the Baskin School of Engineering! Be sure to visit the website and start the declaration process within the first 2 weeks of the quarter you are declaring!

These major qualification requirements are intended for students entering UCSC as a first-time frosh student in 2018-19. Students admitted to UCSC as a transfer student must be admitted to the major at the time of admission to UCSC.

Bolded courses are required courses for the Computer Engineering BS major. Only one of MATH 19B or MATH 20B is required.