

Propose

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

- Biomolecular Engineering and Bioinformatics
- Computer Engineering
- Computer Science: Computer Game Design
- Computer Science (BA or BS)
- Electrical Engineering
- Network and Digital Technology
- Robotics Engineering
- Technology and Information Management

To change your proposed major to a Baskin Engineering major please visit:

<http://tinyurl.com/m8j3u7w>

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 3A or Chem 4A - General Chemistry
- BIOL 20A - Cell and Molecular Biology
- **CSE 12 - Computer Systems & Assembly Language**
- **ECE 13 - Computer Systems & C Programming OR CSE 13S Computer Systems & C Programming**
- **CSE 16 - Discrete Math**
- **CSE 30 - Programming Abstractions in Python**
- TIM 50 - Business Information Systems
- TIM 58 - Systems Analysis & Design
- **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 (listed below) no later than the end of your **5th quarter** at UCSC to declare.

Major Qualification Courses:

MATH 19A
MATH 19B
AM 10 or MATH 21
AM 20 or MATH 24
AM 30 or MATH 23A
CSE 12
CSE 13S or ECE 13
CSE 16
CSE 30
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.engineering.ucsc.edu/advising/declare-your-major/> to see the steps to the major to see the steps to the major declaration process.

The Baskin Engineering declaration process requires an early start. Be sure to visit the website and start the declaration process within the **first 2 weeks** of the quarter you are declaring. *Don't wait for the deadline!*

<https://undergrad.engineering.ucsc.edu/> * bsoeadvising@ucsc.edu * 8/20/2024

These major qualification requirements are intended for students entering UCSC as a first-time frosh in 2024-25. 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 B.S. major.*