

## Propose

In order to declare the Electrical 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
- 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
- CHEM 3B or 4B - General Chemistry
- **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 all of the major qualification courses (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  
PHYS 5A/L  
PHYS 5B/M  
PHYS 5C/N  
ECE 80T

**Earn at least a 2.8 GPA in the major qualification courses.**

That's just above a B-average!  
ECE 80T is not included in the Major Qualification GPA

## Declare

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

Visit  
<https://undergrad.soe.ucsc.edu/current-students/declare-your-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!*

[undergrad.soe.ucsc.edu](https://undergrad.soe.ucsc.edu) \* [bsoeadvising@ucsc.edu](mailto:bsoeadvising@ucsc.edu) \* 9/05/2023

*These major qualification requirements are intended for students entering UCSC as a first-time frosh student in 2023-24. 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 Electrical Engineering B.S. major. Only one of MATH 19B or MATH 20B is required.*