

Propose

In order to declare the Robotics 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 **41 credits** of the 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
 AM 30 or MATH 23A
 CSE 12
 ECE 13
 CSE 16
 CSE 30
 ECE 9
 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/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 * 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 Robotics Engineering B.S. major. Only one of MATH 19B or MATH 20B is required.*