Prepare to Declare Electrical Engineering

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 1A - General Chemistry
- CHEM 1B - 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 (recommended) or CSE 80C

Earn at least a 2.8 GPA in the major qualification courses. That's just above a B- average!
ECE 80T and CSE 80C are 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/declare-your-major to see the steps to the major declaration process.

The Baskin Engineering declaration process require 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!*

These major qualification requirements are intended for students entering UCSC as a first-time frosh student in 2021-22. 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 BS major. Only one of MATH 19B or MATH 20B is required.