Prepare to Declare Biomolecular Engineering and Bioinformatics!

Propose!

In order to declare the Biomolecular Engineering and Bioinformatics 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 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**
- **CHEM 1B - General Chemistry**
- CSE 12 - Computer Systems & Assembly Language
- CSE 13E - Embedded Systems & C Programming *OR* **CSE13S Computer Systems & C Programming**
- **CSE 16 - Discrete Math**
- **CSE 30 - Programming Abstractions in Python**
- CSE 50 - Business Information Systems
- CSE 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 **45 credits** of coursework required for the major no later than the end of your **5th quarter** at UCSC to declare.

Be sure that the major qualification classes you are taking apply toward your intended concentration!

Have no more than one 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 courses required for the major that you have completed at the time of declaration. 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.

Baskin School of Engineering declaration processes 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 2020-21. 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 Biomolecular Engineering and Bioinformatics major. Only one of Math 19B or Math 20B is required. Note that some courses may only be required for a specific concentration. Please consult a major Curriculum Chart, the General Catalog, or a BSOE advisor if you are unsure.