

Process for FALL 2021 FRESHMEN to Apply (“One time Only”) in FALL 2022 as Sophomores to Capped Bioengineering Majors

In FALL 2022, a certain number (*determined on an annual basis*) of “continuing” sophomore students who apply, will be selected to transition into any of the capped Bioengineering majors. **Interested students must not be past sophomore standing, as time to graduation would be delayed. ONLINE APPLICATIONS WILL BE AVAILABLE Monday, SEPT. 19, 2022. STUDENTS ARE REQUIRED TO HAVE COMPLETED THE FOLLOWING (8-10) COURSES PRIOR TO APPLYING:**

- **Bioengineering and Bioengineering: Biotechnology Majors must take the following 9 courses:** **MATH 20ABC** (20AB = 2 courses in *Calculus for Science & Engineering* & 20C = *Calculus & Analytic Geometry for Science & Engineering*); **CHEM 6AB**(*General Chemistry I and II*); **Physics 2A** (*Physics-Mechanics*) & **Physics 2B** (*Physics-Electricity & Magnetism*); **MAE 8** (*MATLAB Programming for Engineering Analysis*); and **BILD 1** (*Cell Biology*).

- **Bioengineering: Bioinformatics Major must take the following 9 or 10 courses:** **MATH 20ABC**; **CHEM 6AB**; **PHYS 2AB**; **BILD 1**; and **CSE 11** (*Introduction to Computer Science and Object-Oriented Programming: Java*) **or** **CSE 8A** (*Java and Java Lab*) and **CSE 8B** (*Java B*)*

- **Bioengineering: BioSystems Major must take the following 7 courses:** **MATH 20ABC**; **CHEM 6AB**; and **PHYS 2AB**

If you have met some of the courses by Advance Placement (“AP”) work, please be advised of the following: A minimum of 3 courses listed must have been completed at UC San Diego. If students can not meet this 3-course minimum due to prior credit, students may offer grades for **MATH 20D** (*Differential Equations*), **MATH 18** (*Linear Algebra*) or **MATH 20E** (*Vector Calculus*) until the 3 course minimum has been met.

*CSE 8A and CSE 8B are equivalent to CSE 11.

~ONLINE APPLICATIONS MUST BE COMPLETED BY FRI., SEPT. 30, 2022~

Students may only select one major when applying. Applications will be ranked according to the GPA obtained in the required courses, and admission to an impacted major will be approved, starting with the student having the highest GPA in the required courses, until the “open” slots are filled in each major. Bioengineering Student Affairs will notify **all** student applicants re: their status by **WEDNESDAY, OCT. 5, 2022.**