

Academic Planning Tips

NanoEngineering website: nanoengineering.ucsd.edu. Helpful pages are *NANO/CENG Engineering Courses, Curriculum, Advising, Academic Planning, Student Petitions, and Student Resources*.

Which curriculum do you follow?

Freshman: entering UC San Diego after high school. May have a transferable course or AP credits. For NANO: will follow the new FA20 4-year curriculum. CENG: curriculum listed hasn't changed.

Transfer: entering UC San Diego after community college or another institution. Will have transferable credits. Will follow a 2 or 3 year curriculum plan.

** Please direct all questions on transferability or equivalency of Chemistry, Physics, Biology, or Math courses to that specific department.*



Important Notes:

- Core courses are usually **offered once a year** and in the quarter they are listed on the curriculum.
- You *cannot* shorten your time to completion.
- **All courses required in the major must be taken for a letter grade** (except CENG or NANO 4 and 199 which are Pass or No Pass courses).
- Grades must be C- or above. Can petition one D in a non-core course.



Note: The majors require Nano electives (NANO 100-199) and CENG Technical Electives (pre-approved) which are listed at:
<https://ne.ucsd.edu/undergrad-programs/degree/bs-chemical-engineering/technical-electives>

Student Petitions and Course Pre-authorization Requests

Know the difference. Both can be found on the Student Petitions webpage:
<https://ne.ucsd.edu/undergrad-programs/degree/advising/student-petitions>

How and when do I enroll in courses?

Follow your curriculum to determine in which courses you should be enrolling. For your first pass, we encourage you to prioritize non-core classes (gen ed, electives, etc), then core classes. Your second pass could be core courses. **Don't delay enrolling in core classes after the second pass.** Be sure to submit any required Course Pre-authorization requests prior to your scheduled 1st/2nd pass date to avoid delays.



Note: Students within the major are given priority enrollment in core classes (not electives). For students not in the corresponding major, approval will be considered closer to the start date when seat capacity is reviewed. If a NANO or CENG course has two sections, and one section is already full, do not join the waitlist for the full section as it will not be cleared. Students need to enroll in the section that still has seats available.

Changing majors

If you're interested in changing to our other departmental major, please review the application requirements and cycles on our admissions page:

<http://nanoengineering.ucsd.edu/undergrad-programs/admissions>

Advising

All students have college advisors and program advisors. All questions regarding general education requirements, double majors, minors, maximum credit appeals, etc. go to your college advisor. Program advisors can assist you with any questions regarding major requirements. Student Affairs Undergrad Advisors are available for questions through the VAC, via Zoom, or in person by appointment only.

Appointments can be made through the Virtual Advising Center (VAC).

All advising questions must be sent through the VAC, not email.

If you need to send an attachment, please use ne-ugradinfo@ucsd.edu as students cannot send attachments through the VAC.

NANO/CENG 199 – Research Opportunity

Eligible students in upper division status and have completed at least 90 units, with a minimum GPA of 3.0, are eligible to take a NANO/CENG 199 course. If you take a 199 course in two consecutive quarters (including summer) with a NANO or CENG affiliated professor, you can submit a petition once your grades have been posted to have them count as your two NANO electives or two of your CENG technical electives. Visit the website for more information.