

WHAT CLASSES DO I TAKE IN FALL?

ALL CLASSES BEING USED FOR MAJOR REQUIREMENTS **MUST** BE TAKEN FOR LETTER GRADES.

First Class - Math Course

How to determine your first math class.

Things to keep in mind

- Only MATH 19A, 19B, 23A and 23B are acceptable calculus requirements for these majors.
- Use your ALEKS Learning Module and reassess before choosing your course. After 5–10 hours study, some students may advance to calculus eligibility.
- For more information about Math Placement and ALEKS please go to:
<https://mathcoach.sites.ucsc.edu/success/math-placement-tiers/>

First Method: UCSC Math Department ALEKS Assessment

ALEKS assessment score	MP Tier	Enroll In
Below 60	100	MATH 2 *
60-69	200	MATH 3 *
70-74	300	MATH 3 * (do <u>NOT</u> enroll in Math 11A, AMS/Econ 11A)
75-84	400	MATH 19A (do <u>NOT</u> enroll in Math 11A, AMS/Econ 11A)
85-100	500	MATH 19A or 20A

Second Method: AP Credit

Test	Score	Course to enroll in
Calculus AB (or AB subscore on BC Exam)	3	MATH 19A
	4 or 5	MATH 19B
Calculus BC	3	MATH 19B
	4 or 5	MATH 23A (or MATH 21 or AMS 10)

Third Method: College Credit

Information about course equivalency for most courses from California Community Colleges: <http://www.assist.org/>. Show or turn in a transcript to BSOE Advising at orientation, or email unofficial transcript or grade report to advising@soe.ucsc.edu.

Second Class – Physics, Programming or Writing Course

If you have not yet satisfied ELWR, and have earned an AWPE score of 2E-5E, you are required to enroll in Writing 25 or 26* in your first quarter. Otherwise, see the back for programming or physics course placement.

Third Class - Your College Core Course*

* Contact your **college advisor** if you have any questions regarding your writing placement, college core course, or general education requirements.

Frosh Course Recommendations for Electrical Engineering Major

Physics & Programming Course Options

How to determine your physics and programming course options.

Things to keep in mind

- PHYS 6 series are not acceptable major requirements.
- MATH 19A is a pre-req to PHYS 5A and 5L, so unless you place in to MATH 19B or higher you cannot take PHYS your first quarter.

First: Programming Experience and Math Placement

Programming Experience Level	Placement in MATH 2, 3 or 19A	Placement in MATH 19B or above
No Programming Experience	CMPS 5J or CMPE 8	CMPS 5J or CMPE 8
Some Programming Experience	CMPE 12/L	PHYS 5A/L

Second: College Credit

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Class full before you were able to enroll?

- Enroll in a backup class during your first enrollment appointment.
- Wait lists for Fall classes will be available **August 13th**. Check your Enrollment Appointments in myUCSC for your wait list appointment time.
- For information about wait lists on classes with labs – like CMPE 12/L and PHYS 5A/L - see: <https://undergrad.soe.ucsc.edu/wait-list-info>

Baskin School of Engineering First Year Frosh Guide:

<https://undergrad.soe.ucsc.edu/first-years>