Senior Elective Requirements

- 12 Courses and 48 units minimum
- Capstone Project (CS version or ECE version)
- 2 Dept Approved Sequences
  - Cannot “double dip”
  - CMPSC 176A and CMPSC 171 or CMPSC 176A and CMPSC 176B, cannot use a course twice.
- 6 Approved Elective Courses of your choosing
Approval Process

- Discuss your senior elective plans with your faculty advisor and get course recommendations.
- Faculty Advisor must sign and approve your senior elective plans.
- Email the signed form to ECE Student Office for final approval.

Elective Sheets are Contracts

- You MUST complete the required number of courses.
- You do not have to list ALL electives you plan to take, just the required minimum.
- You are responsible for knowing the prerequisites of the courses.
- Run a progress report, don’t forget to include completed & in progress electives.
- PLAN CAREFULLY!!
### 2022-2023 Computer Engineering Faculty Advisor Assignments

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<thead>
<tr>
<th>Last Name</th>
<th>Faculty Advisor</th>
<th>Faculty Email</th>
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<tr>
<td>A – C</td>
<td><a href="https://www.ce.ucsb.edu/undergrad/current">https://www.ce.ucsb.edu/undergrad/current</a></td>
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Computer Engineering
CE Senior Electives
2016-2017 & Later
Computer Engineering Program - UNMC System Office

COURSES - Include all completed electives

**UNITS**

- "Capstone" Project (CE 499A/B or CS 199A/B)
- Sequence 1 (5 credit units)
- Sequence 2 (5 credit units)
- Other Electives

**UNITS RECORD**

**TOTAL UNITS**

*Note: Each CE/CS/EE/ME/SE (or equivalent) course must complete at least 6 credit units.*

Student's Signature

Faculty Advisor's Signature

CSE Student Office

Date: 5/10/23
Capstone Prerequisite Courses
– Important, Take Note!

If you are interested in CS189, complete both capstone prerequisites. Why? CS189 has a limited number of spaces. Without both prerequisites completed an additional year could be required to graduate if only CS 156 is completed and you are unable to obtain a spot in CS 189.

- ECE 189A - CE Capstone prerequisite: ECE 153B (Sensor & Peripheral Interface Design) – Winter 2023 or Spring 2023 (prereq. is ECE 152A w/min. grade of C-).
  Enroll pass 1 for Winter 2022.

- CS 189A - CS Capstone prerequisite: CS 156 (Advanced Applications Programming) – F22, S23 (prereqs. – CS 24 & CS 32 with grade of C or better)

CE Senior Elective Summary

- Capstone Project: ECE 189ABC, 12 units; or CS 189AB, 8 units

- 12 courses
- 48 units
- Capstone
- Two (2) sequences
- 5-6 single electives

- Include your completed electives! Run quarterly progress report
Elective Course Scheduling Resources

ECE course scheduling, go to ece.ucsb.edu

Elective Scheduling Computer Science Courses

**NOTE:** Students are responsible for checking the CS courses list regularly, it is subject to change.

https://cs.ucsb.edu/education/courses/overview
CS 2022-2023 Tentative Course Schedule

Check Frequently!

DUE DATES

- Elective Sheets are due **no later than Friday, June 16, 2023!**
- Students who have not turned in an elective sheet will be placed on a REGISTRATION BLOCK!
Progress Checks

- Can be run on GOLD using the degree audit system.
- GE/College level questions refer to the College of Engineering advisors, coe-info@engineering.ucsb.edu, or:
  - Frances Fouch francesf@engineering.ucsb.edu
  - Shariq Hashmi shashmi@engineering.ucsb.edu
  - Sarah Ocampo socampo@engineering.ucsb.edu

- Major level questions refer to the ECE Student Office to ugrad-advisor@ece.ucsb.edu

BS/MS Programs

BS/MS options available for Computer Engineering undergraduates:

- BS in CE and MS in ECE: email Val de Veyra, val@ece.ucsb.edu
- BS in CE and MS in Computer Science: see the Computer Science website: cs.ucsb.edu/education/undergrad/special-programs

- Applications for the BS/MS in ECE are usually due at the end of the spring quarter of the junior year. As this is an accelerated program, it is expected that all of the required courses for the CE major are completed including all of the junior required courses. GRE exams are not required to apply.
Maddie W. Foster
Career Counselor/Peer & Practicum Supervisor
Engineering + Technology

Maddie.Foster@sa.ucsb.edu
career.ucsb.edu

https://career.ucsb.edu/
QUESTIONS?

Beth English
ugrad-advisor@ece.ucsb.edu

or

Val de Veyra
val@ece.ucsb.edu