Senior Elective Requirements

- 8 Courses and 32 units minimum
- EE Senior Capstone, ECE 188A-B-C is required
  - ECE 188A prerequisite is ECE 130A&B with a C- or better in both; or ECE 137A&B with a C- or better in both
- 1 Dept Approved Sequence
  - Approx. 4 (minimum 32 units total) single elective courses
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 elective courses.

You do not have to list ALL electives you plan to take, just the required minimum (8 courses, 32 units minimum).

You are responsible for knowing the prerequisites of the courses.

PLAN CAREFULLY!!
### 2022-2023 EE Faculty Advisor Assignments

<table>
<thead>
<tr>
<th>Last Name</th>
<th>Faculty Advisor</th>
<th>Faculty Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>A - D</td>
<td><a href="https://www.ece.ucsb.edu/undergrad/current">https://www.ece.ucsb.edu/undergrad/current</a></td>
<td></td>
</tr>
<tr>
<td>E - G</td>
<td>To be announced soon.</td>
<td></td>
</tr>
<tr>
<td>H - J</td>
<td></td>
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<tr>
<td>K – M</td>
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<tr>
<td>N – Q</td>
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<tr>
<td>R - V</td>
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<tr>
<td>W - Z</td>
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</tbody>
</table>

### EE SENIOR ELECTIVE FORM
## Electrical Engineering Program

### Undergraduate Emphases

The EE electives allow students to acquire more in-depth knowledge in one of several areas of specialization. Several possible tracks are given below with recommendations for shared electives. Note that less than 25% is to be considered the minimum number of electives. They are listed just to provide some guidance in choosing electives consistent with specific disciplines.

### Important Departmental Electives

- **Computer Engineering**
  - ECE 127
  - ECE 128B
  - ECE 164A

- **Electrical Design**
  - ECE 115A
  - ECE 115B

- **Computer Systems/Networks**
  - ECE 155A
  - ECE 155B
  - ECE 155C

- **Electronic Systems**
  - ECE 130A
  - ECE 130B
  - ECE 130C

- **Engineering & Technology Management**
  - ME 150
  - ME 151

- **Signal Processing & Information Systems**
  - ECE 140A
  - ECE 140B
  - ECE 140C

- **Microelectronic/MEMS Devices**
  - ECE 160A
  - ECE 160B
  - ECE 160C

- **Other**
  - ECE 161A
  - ECE 161B

### Approved Departmental Sequences

- **Design Sequences**
  - ECE 140A
  - ECE 140B
  - ECE 140C
  - ECE 140D

- **Other Sequences**
  - ECE 155A
  - ECE 155B
  - ECE 155C
  - ECE 155D

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### Electrical Engineering Schedule of Senior EE Electives, 2016-17 & Later

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

### Total Units

- Minimum Required: 32

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### Student Information

- Student's Signature: [Signature]
- Date: [Date]
- ECE Student Office Approval Signature: [Signature]
- Date: [Date]
- Faculty Advisor’s Signature: [Signature]
- Date: [Date]
EE Senior Elective Summary

- Capstone Project: ECE 188 ABC
- One (1) Sequence
- 32 units, 8 courses

Include your completed electives!
Run quarterly progress report

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Elective Course Scheduling Resources

ECE course scheduling, go to ece.ucsb.edu

ece.ucsb.edu/undergrad/curriculum
Elective Course Scheduling Resources

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 shasmi@engineering.ucsb.edu
- Sarah Ocampo socampo@engineering.ucsb.edu

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

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**BS/MS Program**

Electrical & Computer Engineering BS/MS

See Val de Veyra in the ECE Student Office (Trailer 697, Room 101)

Materials BS/MS

https://www.materials.ucsb.edu/academics/bs/ms-5-year-program
BS/MS Programs

BS/MS options available for Electrical Engineering undergraduates:

- BS in EE and MS in ECE: email Val de Veyra, ECE Student Affairs Manager, val@ece.ucsb.edu
- BS in EE and MS in MATRL: see the Materials Department website, materials.ucsb.edu/academics/bsms-5-year-program
  - For students interested in Materials: Early research into requirements is strongly recommended. Materials 100A: Chemistry 1B requirement.

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 EE major are completed including all of the junior required courses. GRE exams are not required to apply.
https://career.ucsb.edu/

https://career.ucsb.edu/handshake-help-center
Winter 2023
Career & Internship Fair
Science, Technology
& Engineering
Date to be Announced
career.ucsb.edu

Website

http://www.ece.ucsb.edu/undergrad/

This website has all the information regarding the undergraduate program.

For course offerings in ECE, the website is:

http://www.ece.ucsb.edu/undergrad/courses/
QUESTIONS?

Beth English
ugrad-advisor@ece.ucsb.edu
or
Val de Veyra
val@ece.ucsb.edu