

### 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 <u>faculty advisor</u> and get course recommendations.
- Faculty Advisor must sign and approve your senior elective plans
- Bring/email the signed form to ECE Student Office for final approval



### Elective Sheets are Contracts

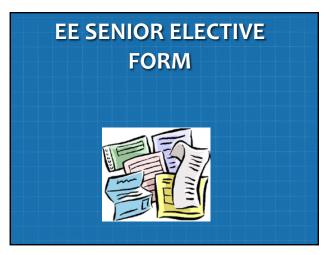
You MUST complete the required number of elective courses.

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

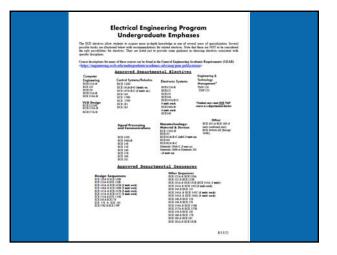
You are responsible for knowi prerequisites of the courses.

PLAN CAREFULLY!!

2021-2022 EE Faculty Advisor Assignments							
Last Name	Faculty Advisor	Faculty Email					
A - D	Prof. Alizadeh	alizadeh@ece.ucsb.edu					
E-G	Prof. Hespanha	hespanha@ece.ucsb.edu					
H-J	Prof. Kim	bongjin@ece.ucsb.edu					
K – M	Prof. Miolane	ninamiolane@ece.ucsb.edu					
N – Q	Prof. Moody	moody@ece.ucsb.edu					
R - V	Prof. Parhami	parhami@ece.ucsb.edu					
W - Z	Prof. Theogarajan	Itheogar@ece.ucsb.edu					



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ONE (1) ADDITIONAL	NTS.		UTAL OF 9 UN	TT(); AND
• / Automation (1990	Course	1008 0806/1210.	_	Units
Capstone Senior Project			_	
Second Sequence				
Departmental			-	
E			-	
F			-	
Include all completed	II serior electron-	Tot Minimum R	al Units: equired:	32
			Date	
Student's Signature			Date	,



# EE Senior Elective Summary Capstone Project: ECE 188 ABC; One (1) Sequence 3 32 units, 8 courses



ece.ucsb.edu/undergrad/curriculum

C Beparts		Resources								
	ment of Electrical pater Rogineering	About Reserv	n Graduate (A	-	Name Event	· People Chiling				
Undergr	aduate Courses									
Courses Offer	red: X = ECE instructor   XD = External Dept instructor									
Number	Undergraduate Course		F2021	W2022	\$2022	M2022**				
tA	Computer Engineering Seminar			×						
18	Ten Puzzling Problems in Computer Engineering				×					
3	Introduction to Electrical Engineering		×							
5	Introduction to Electrical and Computer Engineering			×						
10A/1DAL	Foundations of Analog and Digital Circuits & Systems		×	×						
108/1086	Foundations of Analog and Digital Circuits & Systems			×	×					
10G/10CL	Foundations of Analog and Digital Circuits & Systems		×		×					
15A	Fundamentals of Logic Design			×						
94R	Sensors and Sensing Technology									
120A	Integrated Circuit Design & Fabrication			×						
1208	Integrated Circuit Design & Fabrication				×					
122A	VLSI Principles		×							
1228	VLSI Architecture and Design			×						
130A	Signal Analysis & Processing		х	×						
1308	Signal Analysis & Processing			×	×					
130C	Signal Analysis & Processing				×					
132	intro to Solid State Electronic Devices		×							
	Introduction to Fields & Waves									

### **DUE DATES**

- Elective Sheets are due no later than Friday, May 27, 2022!
- Students who have not turned in an elective sheet will be placed on a REGISTRATION BLOCK!



# Brogress Checks

- Can be run on GOLD using the degree audit system.
- GE/College level questions refer to the College of Engineering advisors, <u>coe-info@engineering.ucsb.edu</u> or:
  - Frances Fouch <u>francesf@engineering.ucsb.edu</u>
     Shariq Hashmi <u>shasmi@engineering.ucsb.edu</u>
  - Sarah Ocampo <u>socampo@engineering.ucsb.edu</u>
- Major level questions refer to the ECE Student Office ugrad-advisor@ece.ucsb.edu

### **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, <u>val@ece.ucsb.edu</u>
- BS in EE and MS in MATRL: see the Materials Department website, materials.ucsb.edu/academics/bsms-5-yearprogram
  - 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

2021 Fall Career & Internship Fair Science, Technology & Engineering

> October 27, 2021 11am-4pm







5