

Computer Engineering Official Degree Plan

1

SCHEDULE AN APPOINTMENT WITH YOUR CPE FACULTY ADVISOR

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2

PREPARE FOR YOUR APPOINTMENT

- Complete the attached degree plan form by reflecting your degree progress using [MyUH Advisement Report](#).
- Select your electives. View the [UH Course Catalog](#) to review course descriptions and requirements.
- Use the *semester to semester plan* template to map out your remaining semesters, using the ECE expected [course offerings](#) to plan ahead.
- Bring your notes & questions to your appointment to collaborate with your faculty advisor.

3

GET YOUR DEGREE PLAN APPROVED AND SUBMIT TO THE ECE OFFICE

- Save a copy of your approved degree plan and semester to semester plan document for your student records.
- Submit your **signed** degree plan form (one page only) to the ECE Office [HERE](#).
- Follow up with your faculty advisor to discuss any potential changes.

Degree Plan: **Computer Engineering**

Name:

PeopleSoft ID:

Date:

ECE BASE

UH	TR		
<input type="checkbox"/>	<input type="checkbox"/>	ENGI 1100	Introduction to Engineering
<input type="checkbox"/>	<input type="checkbox"/>	ENGI 1331	Computing for Engineers
<input type="checkbox"/>	<input type="checkbox"/>	ENGI 2304	Technical Communications
<input type="checkbox"/>	<input type="checkbox"/>	ECE 2201	Circuits Analysis I
<input type="checkbox"/>	<input type="checkbox"/>	ECE 2202	Circuit Analysis II
<input type="checkbox"/>	<input type="checkbox"/>	ECE 2100	Circuit Analysis Lab
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3331	Programming Applications in ECE
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3441	Digital Logic Design
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3155	Electronics Lab
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3355	Electronics
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3337	Signals & Systems Analysis
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3317	Applied EM Waves
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3436	Microprocessor Systems
<input type="checkbox"/>	<input type="checkbox"/>	ECE 3457	Digital Electronics
<input type="checkbox"/>	<input type="checkbox"/>	ECE 5367	Intro to Comp Arch & Design
<input type="checkbox"/>	<input type="checkbox"/>	INDE 2333	Engineering Statistics

MATHEMATICS

<input type="checkbox"/>	<input type="checkbox"/>	MATH 2413	Calculus I
<input type="checkbox"/>	<input type="checkbox"/>	MATH 2414	Calculus II
<input type="checkbox"/>	<input type="checkbox"/>	MATH 2415	Calculus III
<input type="checkbox"/>	<input type="checkbox"/>	MATH 3321	Engineering Mathematics
<input type="checkbox"/>	<input type="checkbox"/>	OR MATH 3331	Ordinary Differential Equations
AND AND			
<input type="checkbox"/>	<input type="checkbox"/>	MATH 2318	Linear Algebra
<input type="checkbox"/>	<input type="checkbox"/>	MATH 2305	Discrete Mathematics

SCIENCE

<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1311	Fundamentals of Chemistry*
<input type="checkbox"/>	<input type="checkbox"/>	CHEM 1111	Fundamentals of Chemistry Lab
<input type="checkbox"/>	<input type="checkbox"/>	PHYS 2325	University Physics I
<input type="checkbox"/>	<input type="checkbox"/>	PHYS 2125	University Physics Lab I
<input type="checkbox"/>	<input type="checkbox"/>	PHYS 2326	University Physics II
<input type="checkbox"/>	<input type="checkbox"/>	PHYS 2126	University Physics Lab II

STATE CORE REQUIREMENTS

COMMUNICATIONS

<input type="checkbox"/>	<input type="checkbox"/>	ENGL 1301	First Year Writing I
<input type="checkbox"/>	<input type="checkbox"/>	ENGL 1302	First Year Writing II

AMERICAN HISTORY

<input type="checkbox"/>	<input type="checkbox"/>	HIST 1301	The United States to 1877
<input type="checkbox"/>	<input type="checkbox"/>	HIST 1302	The United States since 1877

GOVERNMENT/POLITICAL SCIENCE

<input type="checkbox"/>	<input type="checkbox"/>	GOVT 2305	U.S. Government
<input type="checkbox"/>	<input type="checkbox"/>	GOVT 2306	U.S. & TX Constitution & Politics

<input type="checkbox"/>	<input type="checkbox"/>	- ECON 2302 -	Social & Behavioral Sciences
<input type="checkbox"/>	<input type="checkbox"/>	- ENGI 2304 -	Writing in the Discipline
<input type="checkbox"/>	<input type="checkbox"/>	_____	Language, Philosophy & Culture
<input type="checkbox"/>	<input type="checkbox"/>	_____	Creative Arts

COMPUTER SCIENCE

<input type="checkbox"/>	<input type="checkbox"/>	COSC 1437	Introduction to Programming
<input type="checkbox"/>	<input type="checkbox"/>	COSC 2436	Programming & Data Structures
<input type="checkbox"/>	<input type="checkbox"/>	COSC 4351	Fundamentals of Software Engr

Category 1: CpE Electives

CpE students are required to choose 2 electives out of the following:

- ECE 4437: Microembedded Systems
- ECE 5436: Advanced Microprocessors
- ECE 5440: Advanced Digital Design

<input type="checkbox"/>	<input type="checkbox"/>	CpE Elective
<input type="checkbox"/>	<input type="checkbox"/>	CpE Elective

Category 2: ECE Elective + Lab

CpE students are required to choose one ECE elective course with a lab

- 4 credit electives include a lab hour (Ex: ECE 5440)
- 1 credit courses partner with many 3 credit ECE elective options (Ex: ECE 4375/4115)

<input type="checkbox"/>	<input type="checkbox"/>	ECE Elective + Lab
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ECE CAPSTONE DESIGN

Students must attend a Capstone Design Orientation the semester before enrolling in ECE 4335. Check Capstone Design website for details.

<input type="checkbox"/>	<input type="checkbox"/>	ECE 4335	Capstone Senior Design I
<input type="checkbox"/>	<input type="checkbox"/>	ECE 4336	Capstone Senior Design II

RULES YOU NEED TO KNOW:

1. C- Rule: COE requires a grade of "C-" or better for credit in any mathematics, science, or engineering course that applies toward the bachelor's degree. In addition, the "C-" is required for any mathematics, science, or engineering course used as a prerequisite for a subsequent course.
2. Last 30 hours must be exclusively completed at UH
3. MAXIMUM of 66 lower level transfer hours may be applied towards UH degree
4. MAX NUMBER OF ATTEMPTS: COE does not allow a student to attempt Engineering courses more than two times and science or mathematics more than three times
5. MINIMUM of a 2.00 GPA in cumulative, major, and minor GPA to graduate

Comments:

I certify I met with the student above and reviewed their remaining concentration and degree electives.

Advisor's Name (printed): _____ Advisor's Signature: _____

Submit your signed degree plan form to the ECE Office [HERE](#).

Semester to Semester Plan

Name _____
Cougar ID _____
Degree Program _____

Projected Graduation Date _____
Semester *Year*

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours

Semester:

Course Title	Credit Hours