

**College of Engineering
Sample Schedule**

Computer Science & Engineering

The following combinations of courses are suggested quarter schedules that allow the student to complete their major degree program in a four-year span. The arrangement of courses is based on which quarters the course is offered, the classification and the prerequisites or co-requisites required for successful completion of the course. The 4-Year Sample Schedule should be used with the CSE Major Checklist. Remember, this is only a guide and circumstances may change the plan.

Freshman	Fall Quarter		Winter Quarter		Spring Quarter	
	MAT 21A	4	MAT 21B	4	MAT 21C	4
	ECS 32A* or ECS 36A** (SE)	4	ECS 36B (SE)	4	ECS 50 (SE)	4
	English Req. or GE	4	CHE 2A*** (SE; SL) GE	5 4	ECS 20 (SE; QL) CMN 1 Intro to Public Speaking (AH or SS; OL or WE)	4 4
			Alternate Option: ECS 20		Alternate Option: ECS 36C	
	Total	12 cr	Total	17 cr	Total	16 cr
Sophomore	Fall Quarter		Winter Quarter		Spring Quarter	
	MAT 21D	4	MAT 22A or MAT 27A or MAT 67	3	MAT 22B or 27B	3
	ECS 36C (SE)	4	ECS 120 / 122A	4	ECS 132	4
	PHY 9A	5	PHY 9B	5	PHY 9C	5
	GE	4	GE	4	ENG 17 (VL)	4
	Alternate Option: ECS 50					
	Total	17 cr	Total	16 cr	Total	16 cr
Junior	Fall Quarter		Winter Quarter		Spring Quarter	
	ECS 154A	4	ECS 150	4	ECS 140A	4
	PHY 9D	5	UWP 101	4	EEC 172	4
	EEC 100	4	GE	4	ECS Elective	4
	GE	4			GE	4
	Total	17 cr	Total	12 cr	Total	16 cr
Senior	Fall Quarter		Winter Quarter		Spring Quarter	
	ECS 160	4	ECS 152A	4	ECS 154B	4
	ECS Elective	4	ECS 193A	3	ECS 188 (SS; WE)	4
	ECS Elective	4	ECS Elective	4	ECS 193B	3
			GE	4	GE	4
	Total	12 cr	Total	15 cr	Total	15 cr
	Total Upper Division Units	70				
	Total Credits: 180-225	181				

* Register for ECS 32A (Introduction to Programming) if you do not have prior experience with basic programming concepts, such as variables, loops, and conditional statements. After ECS 32A, take ECS 36A, and then follow the rest of the sequence.

** Registration for ECS 36A requires a passing grade on the CS Placement Exam or AP credit for the APCSA Computer Science A exam. Otherwise, students must register for ECS 32A prior to taking ECS 36A. Students will only receive 2 units for ECS 36A after completion of ECS 32A.

*** CHE 2A can be taken during summer session, either at UC Davis or a California community college. Please review assist.org for approved articulation agreements.

Note: this schedule does not include all University and College of Engineering requirements. See the UC Davis General Catalog for the

GE Requirements

Topical Breath - max 20 units of SE completed from ECS courses

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Core Literacies - WE (CMN 1, ECS 188), OL, VL (ENG 17), ACGH, WC, DD, SL (CHE 2A), QL (ECS 20)

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