Electrical Engineering / Computer Engineering Double Major Degree Requirements 2018-2019

LOWER DIVISION COURSES	UPPER DIVISION COURSES		
Math (22-23 units)	Upper Division Core (49-50 units)	Courses from Technical Electives:	
MAT21A (4)	ENG 160, 190(4) or ECS 188(3)	()	
MAT21B (4)	EEC 100 (5)	()	
MAT21C (4)	EEC 110A (4)	()	
MAT21D (4)	EEC 130A (4)		
MAT22A (3)	EEC 140A (4)		
MAT22B (3)	EEC 150A (4)	UD Electives: 8 courses & 32 units***	
	EEC 161 (4)	of the following:	
Physics (19 units)	EEC 170 (5)	2 Core Electives*	
PHY9A (5)	EEC 172A (5)	EEC 110B(4), 130B(4), 140B(4), 170(4), 180(5)	
PHY9B (5)	EEC 173A (5)	Only 1 course may be chosen from: EEC 150B(4), 157A(4), or 160(4)	
PHY9C (5)	EEC 180 (5)	2 Design Laboratory Electives**	
PHY9D (4)	EEC 196 (1)	EEC 110B(4), 112(4), 116(4), 118(4), 132A(5), 132B(5),	
	ECS 122A (4)	132C(5), 135(4), 146A(3), 146B(3), 151(4), 152(4),	
Chemistry (5 units)	ECS 150 (4)	157A(4), 157B(4), 165(4), 172(4), 180(5), 183(5); EEC 119AB (6); EEC 134AB (6); EEC 136AB (6) EEC 181AB	
CHE2A or CHE2AH (5)	11	1 Design Project Course**	
	Technical Electives (9 units)	Choose one set from the following:	
Engineering (25 units)	Upper division course in chemistry,	EEC 119AB (6); EEC 134AB (6); EEC 136AB (6) EEC 181AB (6); EEC 193AB (6); OR EEC 195AB (6)	
EEC1 (1)	engineering, mathematics, physics, or statistics (with exceptions listed in the	Additional Floatings	
EEC10 (4)	General Catalog or at	Remaining electives may be chosen from any letter	
EEC18 (4)	https://www.ece.ucdavis.edu/courses/elect ives/).	graded EEC course or ECS 36B, 150, 152B, 163, 175, 177, OR 178 Upper Division Electives (8 courses & 32 units)	
ENG6 (4)	Max 6 units of 192, 198, 199		
ENG17 (4)	Courses can also be selected from list below:	✓ EEC 170 (4)	
ECS20 (4)	BIS 101 (4), 101D (1), 102 (3), 103 (3), 104	✓ EEC 172 (4)	
ECS36A (4)	(3), 122 (3), 122P (5), 132 (4) CHE 002B, 002C (5 units each)	✓ EEC 173A (4)	
ECS36B (4)	ENG 035, 045 (4 units each)	✓ EEC 1 (4)	
ECS36C (4)	ECN 100A, 100B, 101, 102, 103, 122, 140 (4	✓ ECS 36B (4)	
[23233 (1)	units each) MGT 011A, 011B, 100, 120, 140, 150, 160,	✓ ECS 150 (4)	
Composition (4-8 units)	170, 180 (4 units each)	✓ Senior Design Projest (6)	
ENL3, UWP1, COM1, COM2,		()	
COM3, COM4, OR NAS5	*One course on the Core Elective list and the	Design Laboratory Elective list may be counted in both	
UWP 101, 102A-L, 104A-T (4)	categories simultaneously		
OR UD Composition Exam (0)		red Design Laboratory Electives and may be counted in both	
on ob composition Exam (o)	categories simultaneously ***Units in excess of 32 may be used for tech	hnical elective	
Communication (4 units, Select One)	Engineering Undergraduate Office	Electrical and Computer Engineering	
CMN1, OR ENG3 (4)	Undergraduate Advising	Undergraduate Advising	
	1050 Kemper Hall	2064 Kemper Hall	
	engineering.ucdavis.edu	www.ece.ucdavis.edu	
Notes:	(530) 752-1979	ugradinfo@ece.ucdavis.edu	
1		4514411101 CCC14C44131C44	
	Drop-in Advising Available:	Advising Available:	



For follow up questions, please contact:

appointment information

appointment information

TOPICAL BREADTH** A. Arts & Humanities (AH): () () () () () () () (General Eduation Requirement Effective Fall 2011				
A. Arts & Humanities (AH): ()					
SATISFIED - For College of Engineering students Composition Writing	TOPICAL BREADTH**				
CORE LITERACIES	() () () () () () () () ()	SATISFIED - For College of Engineering students 20 units	() () () () () () () ()		
I. Literacy with Words and Images 20 units Summary 9 units a. College English Requirement Lower Division Writing (4) Upper Division Writing (4) OR UCD Composition Exam (0) 3 units Satisfied Satisfied Core Literacies: I. Literacy with Words and Images II. Civic and Cultures, Satisfied Core Literacies: I. Literacy with Words and Images II. Civic and Cultures Core Literacies: I. Literacy with Words and Images II. Civic and Cultural Literacy III. Quantitative Literacy III. Quantitative Literacy III. Quantitative Literacy III. Quantitative Literacy IV. Scientific Literacy General Education Requirements Satisfied Core Literacies: III. Civic and Cultural Literacy III. Quantitative Literacy III. Civic and Cultural Literacy	(AH) units + (SE) units + (SS) units = (52) units				
20 units a. College English Requirement Lower Division Writing	CORE LITERACIES				
c. Oral Skills or Writing Experience () 3 units Satisfied III. Quantitative Literacy ✓ CHE2A OR EEC161 (4-5) ✓ Sunits ✓ Satisfied IV. Scientific Literacy ✓ EEC140A (4) Date:	a. College English Requirement Lower Division Writing (4) Upper Division Writing (4) OR UCD Composition Exam (0) 4-8 units Satisfied b. Writing Experience () () () 6 units Satisfied c. Oral Skills or Writing Experience () () 3 units Satisfied d. Visual Literacy ✓ ENG17 OR EEC100 (4-5) ✓ 3 units	9 units a. Domestic Diversity () 3 units Satisfied b. American Cultures, Governance and History () 3 units Satisfied c. World Cultures () 3 units Satisfied III. Quantitative Literacy V CHEZA OR EEC161 (4-5) V 3 units Satisfied IV. Scientific Literacy	Topical Breadth: A. Arts & Humanities B. Science and Engineering C. Social Science D. Unit Requirement (52) Core Literacies: I. Literacy with Words and Images II. Civic and Cultural Literacy III. Quantitative Literacy IV. Scientific Literacy General Education Requirements Satisfied Remaining GE Requirements:		

^{*}With the exception of the courses satisfying the College of Engineering Composition Requirement, the same course may be counted towards both the Core Literacies and Topical Breadth components. Overlap is not permitted within either the Core Literacies or Topical Breadth components. College of Engineering students may elect 16 units P\NP option for GE. AP coursework may not be applied to GE requirements. Check AP chart in the General Catalog carefully before taking a course at UC Davis for which you already have AP credit.

^{**}A minimum of 32 total units are required between AH and SS Topical Breadths. with a minimum of 12 unit in each individual Topical Breadth.