## 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 Te	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 co	UD Electives: 8 courses & 32 units***	
	EEC 161 (4) of the following:	of the following:	
Physics (19 units)	EEC 170 (5) 2 Core Electives*		
РНҮ9А (5)		4), 140B(4), 170(4), 180(5)	
РНҮ9В (5)		Only 1 course may be chosen from: EEC 150B(4), 157A(4), or 160(4)	
PHY9C (5)		2 Design Laboratory Electives**	
PHY9D (4)		EEC 110B(4), 112(4), 116(4), 118(4), 132A(5), 132B(5),	
		5A(3), 146B(3), 151(4), 152(4), 65(4), 172(4), 180(5), 183(5); EEC	
Chemistry (5 units)		AB (6); EEC 136AB (6) EEC 181AB	
CHE2A or CHE2AH (5)	1 Design Project Co	1 Design Project Course**	
	Technical Electives (9 units)	-	
Engineering (25 units)	Upper division course in chemistry,	134AB (6); EEC 136AB (6) EEC AB (6); OR EEC 195AB (6)	
EEC1 (1)	statistics (with exceptions listed in the Additional Electives		
EEC10 (4)	General Catalog or at Remaining electives	s may be chosen from any letter	
EEC18 (4)	https://www.ece.ucdavis.edu/courses/elect graded EEC course of ives/).	or ECS 36B, 150, 152B, 163, 175,	
ENG6 (4)		Upper Division Electives (8 courses & 32 units)	
ENG17 (4)	Courses can also be selected from list below:	(4)	
ECS20 (4)	BIS 101 (4), 101D (1), 102 (3), 103 (3), 104	(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) $\checkmark$ EEC 1	(4)	
ECS36C (4)	ECN 100A, 100B, 101, 102, 103, 122, 140 (4	(4)	
	units each) MGT 011A, 011B, 100, 120, 140, 150, 160, ✓ ECS 150	(4)	
Composition (4-8 units)	170, 180 (4 units each) Senior Desig	( )	
ENL3, UWP1, COM1, COM2,		()	
COM3, COM4, OR NAS5	*One course on the Core Elective list and the Design Laboratory Elective	e 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)	**All design project courses are also considered Design Laboratory Elect categories simultaneously	ses are also considered Design Laboratory Electives and may be counted in both	
	***Units in excess of 32 may be used for technical elective		
Communication (4 units, Select One)	Engineering Undergraduate Office Electrical and	Electrical and Computer Engineering	
CMN1, OR ENG3 (4)		aduate Advising	
		Kemper Hall	
		ce.ucdavis.edu	
Notes:		ugradinfo@ece.ucdavis.edu Advisor: Kalena Michalec	
		Check website for drop-in and	
		nent information	
	For follow up questions,		
	please contact:		

General Eduation Requirement Effective Fall 2011			
TOPICAL BREADTH**			
A. Arts & Humanities (AH):	B. Science and Engineering (SE): SATISFIED - For College of Engineering students	C. Social Sciences (SS):	
12-20 units	20 units ✓ Satisfied	12-20 units Satisfied	
(AH) units + (SE) <b>20</b> units + (SS) units = (52) units			
CORE LITERACIES			
<ul> <li>Literacy with Words and Images</li> <li>20 units</li> <li>a. College English Requirement</li> </ul>	<ul> <li>II. Civic and Cultural Literacy</li> <li>9 units</li> <li>a. Domestic Diversity</li> </ul>	<u>Summary</u> Topical Breadth:	
Lower Division Writing (4)		A. Arts & Humanities	
Upper Division Writing (4) OR UCD Composition Exam (0)	3 units Satisfied	B. Science and Engineering C. Social Science D. Unit Requirement (52)	
4-8 units Satisfied	American Cultures, b. Governance and History	Core Literacies: I. Literacy with Words and Images	
b. Writing Experience	( ) 3 units Satisfied	II. Civic and Cultural Literacy III. Quantitative Literacy IV. Scientific Literacy	
6 units Satisfied	c. World Cultures	General Education Requirements Satisfied	
c. Oral Skills or Writing Experience	3 units Satisfied	Remaining GE Requirements:	
Satisfied d. Visual Literacy	III. Quantitative Literacy         ✓       CHE2A OR EEC161       (4-5)		
$\checkmark ENG17 OR EEC100 (4-5)$ $\checkmark 3 units$	<ul><li>✓ 3 units</li><li>✓ Satisfied</li></ul>		
✓ Satisfied	IV. Scientific Literacy         ✓       EEC140A       (4)         ✓       3 units       ✓         ✓       Satisfied	Date:	

\*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.