Electrical Engineering (EEEL) Degree Requirements 2018-2019

LOWER DIVISION COURSES UPPER DIVISION COURSES Math (22-23 units) **Upper Division Core (29-30 units)** UD Electives: 8 courses & 32 units*** MAT21A (4) ENG 160, 190 (4) or ECS 188 (3) of the following: MAT21B (4) EEC 100 (5) 2 Core Electives* EEC 110B(4), 130B(4), 140B(4), 170(4), 180(5) EEC 110A (4) MAT21C (4) Only 1 course may be chosen from: EEC 150B(4), MAT21D (4) EEC 130A (4) 157A(4), or 160(4) MAT22A (3) EEC 140A (4) MAT22B (3) EEC 150A (4) 2 Design Laboratory Electives** EEC 161 (4) EEC 110B(4), 112(4), 116(4), 118(4), 132A(5), 132B(5), 132C(5), 135(4), 146A(3), 146B(3), 151(4), 152(4), Physics (19 units) EEC 196 (1) 157A(4), 157B(4), 165(4), 172(4), 180(5), 183(5); EEC PHY9A (5) 119AB (6); EEC 134AB (6); EEC 136AB (6) EEC 181AB (6); EEC 193AB (6); OR EEC 195AB (6) PHY9B (5) **Technical Electives (9 units)** Upper division course in chemistry, PHY9C (5) engineering, mathematics, physics, or PHY9D (4) 1 Design Project Course** statistics (with exceptions listed in the General Catalog or at Choose one set from the following: https://www.ece.ucdavis.edu/courses/elect Chemistry (5 units) EEC 119AB (6); EEC 134AB (6); EEC 136AB (6) EEC ives/). 181AB (6); EEC 193AB (6); OR EEC 195AB (6) CHE2A or CHE2AH (5) Max 6 units of 192, 198, 199 Courses can also be selected from list **Engineering (25 units) Additional Electives** BIS 101 (4), 101D (1), 102 (3), 103 (3), 104 Remaining electives may be chosen from any letter EEC1 (1) (3), 122 (3), 122P (5), 132 (4) graded EEC course or ECS 36B, 150, 152B, 163, 175, CHE 002B, 002C (5 units each) EEC7 (4) 177, OR 178 ENG 035, 045 (4 units each) EEC10 (4) ECN 100A, 100B, 101, 102, 103, 122, 140 (4 EEC18 (4) Upper Division Electives (8 courses & 32 units) MGT 011A, 011B, 100, 120, 140, 150, 160, ENG6 (4) 170, 180 (4 units each) Courses from options above: ENG17 (4) Composition (4-8 units) ENL3, UWP1, COM1, COM2, COM3, COM4, OR NAS5 *One course on the Core Elective list and UWP 101, 102A-L, 104A-T (4) the Design Laboratory Elective list may be OR UD Composition Exam (0) counted in both categories simultaneously **All design project courses are also considered Design Laboratory Electives and may be counted in both Communication (4 units, Select One) categories simultaneously CMN1, OR ENG3 (4) ***Units in excess of 32 may be used for technical elective **Engineering Undergraduate Office Electrical and Computer Engineering** Notes: **Undergraduate Advising Undergraduate Advising** 1050 Kemper Hall 2064 Kemper Hall engineering.ucdavis.edu www.ece.ucdavis.edu (530) 752-1979 ugradinfo@ece.ucdavis.edu Drop-in Advising Available: Advising Available: Check website for drop-in and Check website for drop-in and appointment information appointment information

For follow up questions,

please contact:

COLLEGE OF ENGINEERING

General Eduation Requirement		
Effective Fall 2011		
TOPICAL BREADTH**		
A. Arts & Humanities (AH): () () () () () () () () () (B. Science and Engineering (SE): SATISFIED - For College of Engineering students 20 units Satisfied	C. Social Sciences (SS): () () () () () () () () () (
(AH) units + (SE) units + (SS) units = (52) units		
CORE LITERACIES		
I. Literacy with Words and Images 20 units 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)	II. Civic and Cultural Literacy 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 ✓ CHEZA OR EEC161 (4-5)	Summary 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:
✓ 3 units ✓ Satisfied	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.