

# Electrical Engineering (EEEL)

## Transfer Degree Requirements 2018-2019

LOWER DIVISION COURSES	UPPER DIVISION COURSES
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### Math (22-23 units)

	MAT21A (4)
	MAT21B (4)
	MAT21C (4)
	MAT21D (4)
	MAT22A (3)
	MAT22B (3)

### Physics (19 units)

	PHY9A (5)
	PHY9B (5)
	PHY9C (5)
	PHY9D (4)

### Chemistry (5 units)

	CHE2A or CHE2AH (5)
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### Engineering (25 units)

	EEC 7 (4)
	EEC18 (4)
	ENG6 (4)
	ENG17 (4)

### Composition (4-8 units)

	ENL3, UWP1, COM1, COM2, COM3, COM4, OR NAS5
	UWP 101, 102A-L, 104A-T (4) OR UD Composition Exam (0)

### Communication (4 units, Select One)

	CMN1, OR ENG3 (4)
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### Notes:

### Upper Division Core (29-30 units)

	ENG 160, 190 (4) or ECS 188 (3)
	EEC 100 (5)
	EEC 110A (4)
	EEC 130A (4)
	EEC 140A (4)
	EEC 150A (4)
	EEC 161 (4)
	EEC 196 (1)

### Technical Electives (10 units)

	Upper division course in chemistry, engineering, mathematics, physics, or statistics (with exceptions listed in the General Catalog or at <a href="https://www.ece.ucdavis.edu/courses/electives/">https://www.ece.ucdavis.edu/courses/electives/</a> ).
	Max 6 units of 192, 198, 199
	Courses can also be selected from list below:
	BIS 101 (4), 101D (1), 102 (3), 103 (3), 104 (3), 122 (3), 122P (5), 132 (4)
	CHE 002B, 002C (5 units each)
	ENG 035, 045 (4 units each)
	ECN 100A, 100B, 101, 102, 103, 122, 140 (4 units each)
	MGT 011A, 011B, 100, 120, 140, 150, 160, 170, 180 (4 units each)

### Courses from options above:


\*One course on the Core Elective list and the Design Laboratory Elective list may be counted in both categories simultaneously

\*\*All design project courses are also considered Design Laboratory Electives and may be counted in both categories simultaneously  
 \*\*\*Units in excess of 36 may be used for technical elective

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### UD Electives: 8 courses & 36 units\*\*\* of the following:

#### 2 Core Electives\*

	EEC 110B(4), 130B(4), 140B(4), 170(4), 180(5)
	Only 1 course may be chosen from: EEC 150B(4), 157A(4), or 160(4)

#### 2 Design Laboratory Electives\*\*

	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), 157A(4), 157B(4), 165(4), 172(4), 180(5), 183(5); EEC 119AB (6); EEC 134AB (6); EEC 136AB (6) EEC 181AB (6); EEC 193AB (6); OR EEC 195AB (6)
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#### 1 Design Project Course\*\*

	Choose one set from the following: EEC 119AB (6); EEC 134AB (6); EEC 136AB (6) EEC 181AB (6); EEC 193AB (6); OR EEC 195AB (6)
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#### Additional Electives

	Remaining electives may be chosen from any letter graded EEC course or ECS 36B, 150, 152B, 163, 175, 177, OR 178
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#### Upper Division Electives (8 courses & 36 units)

	( )
	( )
	( )
	( )
	( )
	( )
	( )
	( )

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For follow up questions,  
please contact:

# General Education Requirement

## Effective Fall 2011

### TOPICAL BREADTH\*\*

**A. Arts & Humanities (AH):**

	( )
	( )
	( )
	( )
	( )
	( )

12-20 units

 Satisfied

**B. Science and Engineering (SE):**

**SATISFIED - For College of  
Engineering students**

20 units

 Satisfied

**C. Social Sciences (SS):**

	( )
	( )
	( )
	( )
	( )
	( )

12-20 units

 Satisfied

(AH) \_\_\_\_ units + (SE) 20 units + (SS) \_\_\_\_ units = (52) units

 Satisfied

### 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**

	( )
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 3 units

 Satisfied

**d. Visual Literacy**

✓ ENG17 OR EEC100	( 4-5 )
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 3 units

 Satisfied

**II. Civic and Cultural Literacy**

9 units

**a. Domestic Diversity**

	( )
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 3 units

 Satisfied

**b. American Cultures,  
Governance and History**

	( )
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 3 units

 Satisfied

**c. World Cultures**

	( )
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 3 units

 Satisfied

**III. Quantitative Literacy**

✓ CHE2A OR EEC161	( 4-5 )
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 3 units

 Satisfied

**IV. Scientific Literacy**

✓ EEC140A	( 4 )
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 3 units

 Satisfied

### 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:**


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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.