


# Computer Engineering (ECOM)

## Degree Requirements 2018-2019

LOWER DIVISION COURSES	UPPER DIVISION COURSES																																																																																																	
<p><b>Math (22-23 units)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"></td><td>MAT21A (4)</td></tr> <tr><td></td><td>MAT21B (4)</td></tr> <tr><td></td><td>MAT21C (4)</td></tr> <tr><td></td><td>MAT21D (4)</td></tr> <tr><td></td><td>MAT22A (3), MAT22AL (1)</td></tr> <tr><td></td><td>MAT22B (3)</td></tr> </table> <p><b>Physics (19 units)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"></td><td>PHY9A (5)</td></tr> <tr><td></td><td>PHY9B (5)</td></tr> <tr><td></td><td>PHY9C (5)</td></tr> <tr><td></td><td>PHY9D (4)</td></tr> </table> <p><b>Chemistry (5 units)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"></td><td>CHE2A or CHE2AH (5)</td></tr> </table> <p><b>Engineering (29 units)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"></td><td>ECS20 (4)</td></tr> <tr><td></td><td>ECS36A (4)</td></tr> <tr><td></td><td>ECS36B (4)</td></tr> <tr><td></td><td>ECS36C (4)</td></tr> <tr><td></td><td>EEC1 (1)</td></tr> <tr><td></td><td>EEC10 (4)</td></tr> <tr><td></td><td>EEC18 (4)</td></tr> <tr><td></td><td>ENG17 (4)</td></tr> </table> <p><b>Composition (4-8 units)</b></p> <table border="1" style="width: 100%; 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	Engineering Undergraduate Office Undergraduate Advising	Electrical and Computer Engineering Undergraduate Advising																																																																																																
	1050 Kemper Hall engineering.ucdavis.edu (530) 752-1979 Drop-in Advising Available Check website for drop-in and appointment information	2064 Kemper Hall www.ece.ucdavis.edu ugradinfo@ece.ucdavis.edu Advisor: Kalena Michalec Check website for drop-in and appointment information																																																																																																
	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**

<i>Lower Division Writing</i>	(4)
<i>Upper Division Writing</i>	(4)
<i>OR UCD Composition Exam</i>	(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**

<input checked="" type="checkbox"/> <i>ENG17 OR EEC100</i>	(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**

	( )
--	-----

3 units  
 Satisfied

**c. World Cultures**

	( )
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3 units  
 Satisfied

**III. Quantitative Literacy**

<input checked="" type="checkbox"/> <i>CHE2A OR EEC161</i>	(4-5)
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3 units  
 Satisfied

**IV. Scientific Literacy**

<input checked="" type="checkbox"/> <i>EEC140A</i>	(4)
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3 units  
 Satisfied

### Summary

**Topical Breadth:**

A. Arts & Humanities	<input type="checkbox"/>
B. Science and Engineering	<input type="checkbox"/>
C. Social Science	<input type="checkbox"/>
D. Unit Requirement (52)	<input type="checkbox"/>

**Core Literacies:**

I. Literacy with Words and Images	<input type="checkbox"/>
II. Civic and Cultural Literacy	<input type="checkbox"/>
III. Quantitative Literacy	<input type="checkbox"/>
IV. Scientific Literacy	<input type="checkbox"/>

**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.