## 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)

## Engineering (25 units)
- EEC1 (1)
- EEC10 (4)
- EEC18 (4)
- ENG6 (4)
- ENG17 (4)
- ECS20 (4)
- ECS36A (4)
- ECS36B (4)
- ECS36C (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)

## Upper Division Core (49-50 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 150B (4)
- EEC 161 (4)
- EEC 170 (5)
- EEC 172A (5)
- EEC 173A (5)
- EEC 180 (5)
- EEC 196 (1)
- ECS 122A (4)
- ECS 150 (4)

## Technical Electives (9 units)
- Upper division course in chemistry, engineering, mathematics, physics, or statistics (with exceptions listed in the General Catalog or at [https://www.ece.ucdavis.edu/courses/electives/](https://www.ece.ucdavis.edu/courses/electives/).
- Max 6 units of 192, 198, 199
- Courses can also be selected from list below:
  - CHE 002B, 002C (5 units each)
  - ENG 035, 045 (4 units each)
  - ECS 100A, 100B, 101, 102, 103, 122, 140 (4 units each)
  - MGT 011A, 011B, 100, 120, 140, 150, 160, 170, 180 (4 units each)

*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 32 may be used for technical elective

## Courses from Technical Electives:

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## UD Electives: 8 courses & 32 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**

#### 1 Design Project Course**
- Choose one set from the following:
  - EEC 119AB (6); EEC 134AB (6); EEC 136AB (6) EEC 181AB
  - EEC 193AB (6); OR EEC 195AB (6)

#### Additional Electives
- Remaining electives may be chosen from any letter graded EEC course or ECS 36B, 150, 152B, 163, 175, 177, OR 178

#### Upper Division Electives (8 courses & 32 units)

- EEC 170 (4)
- EEC 172 (4)
- EEC 173A (4)
- EEC 1 (4)
- ECS 36B (4)
- ECS 150 (4)
- Senior Design Project (6)

*For follow up questions, please contact:
- Engineering Undergraduate Office
  - Undergraduate Advising
  - 1050 Kemper Hall
  - engineering.ucdavis.edu
  - (530) 752-1979
  - Drop-in Advising Available:
  - Check website for drop-in and appointment information

- Electrical and Computer Engineering
  - Undergraduate Advising
  - 2064 Kemper Hall
  - www.ece.ucdavis.edu
  - uggradinfo@ece.ucdavis.edu
  - Advising Available:
  - Check website for drop-in and appointment information
### General Education Requirement

**Effective Fall 2011**

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<th>TOPICAL BREADTH**</th>
<th>CORE LITERACIES</th>
<th>Summary</th>
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| **A. Arts & Humanities (AH):** 12-20 units | **I. Literacy with Words and Images** 20 units | **Topical Breadth:**
| | a. College English Requirement | A. Arts & Humanities | ✓
| | Lower Division Writing (4) | B. Science and Engineering | ✓
| | Upper Division Writing (4) | C. Social Sciences | ✓
| | OR UCD Composition Exam (0) | D. Unit Requirement (52) | ✓
| | 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 | ✓
| | ✓ Satisfied | ✓
| **B. Science and Engineering (SE):** 20 units | **II. Civic and Cultural Literacy** 9 units | Core Literacies:
| | SATISFIED - For College of Engineering students | I. Literacy with Words and Images |
| | ✓ Satisfied | II. Civic and Cultural Literacy |
| | | III. Quantitative Literacy |
| | | IV. Scientific Literacy |
| **C. Social Sciences (SS):** 12-20 units | **III. Quantitative Literacy** | General Education Requirements Satisfied |
| | | ✓
| | | ✓
| | | ✓
| | | ✓
| | | | ✓
| | | | | ✓
| | | | | ✓
| | | Remaining GE Requirements: |
| | | 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.