### Electrical Engineering Degree Checklist 2014-2015

**Math**
- 21A (4)
- 21B (4)
- 21C (4)
- 21D (4)
- 22A (3)
- 22B (3)

**Physics**
- 9A (5)
- 9B (5)
- 9C (5)
- 9D (4)

**Chem 2A or 2AH** (5)

**ENG**
- 6 (4)
- 17 (4)

**ECS 30**

**EEC 70/ECS 50** if taken prior to FQ '14

**Comp Lit 1, 2, 3, or 4 or UWP 1 or ENL 3 or NAS 5** (4)

**CMN 1 or 3** (4)

**English Comp Exam, or UWP 101, 102 or 104** (4)

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**Technical Electives (10)** See [http://www.ece.ucdavis.edu/undergraduate/electives.html](http://www.ece.ucdavis.edu/undergraduate/electives.html) for TE list +:

**Upper Division Electives** – choose at least 8 courses for a minimum of 32 (35 units if have not taken EEC 70/ECS 50 at comm college) units from the following:

- **EE Core Electives** select two* courses from:
  - EEC 110B,
  - 130B, 140B, 150B, 157A, 160, 170, 180B (only one of 150B, 157A, 160 may be used)


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**General Education Plan 3 (if did not complete IGETC)**

**Writing Experience- excluding University composition requirement:**

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**Oral Skills or Additional Writing Experience:**

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**World Cultures:**

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**Visual Literacy:**

ENG17/ECC100

**Quantitative Literacy:**

CHE2A/ECC161

**Scientific Literacy**

EEC140A

**Technical Breadth**

Arts & Humanities (12-20 units)

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Social Sciences (12-20 units)

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American Cultures, Governance & History:

1. Domestic Diversity:

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2. DD or ACGH

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* Maximum of one course appearing on both the core elective list and the design elective list may be counted in both categories

** Courses appearing on both the laboratory elective list and on the project elective list may be counted toward both the laboratory requirement and the project requirement simultaneously

*** ECS154B may be substituted for EEC 170

† After completion of the upper division elective requirement (at least 8 courses, 2 core, 2 with lab, 1 project) any units in excess of 32 will count toward the technical elective requirement; See [http://www.ece.ucdavis.edu/undergraduate/electives.html](http://www.ece.ucdavis.edu/undergraduate/electives.html) for TE list
Maximum of one course appearing on both the core elective list and the design elective list may be counted in both categories.

Courses appearing on both the laboratory elective list and on the project elective list may be counted toward both the laboratory requirement and the project requirement simultaneously.

ECS154B may be substituted for EEC 170.

After completion of the upper division elective requirement (at least 8 courses, 2 core, 2 with labs, 1 project) any units in excess of 32 will count toward the technical elective requirement; See [http://www.ece.ucdavis.edu/undergraduate/electives.html](http://www.ece.ucdavis.edu/undergraduate/electives.html) for TE list.
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