ELECTRICAL ENGINEERING & SOCIETY MAJOR (B.A.)
Transfer Plan 2017-2018

### FALL QUARTER
- ECE 15
- ECE 25
- ECE 35

### WINTER QUARTER
- ECE 45
- MATH 20E
- PHYS 2D

### SPRING QUARTER
- ECE 30
- ECE 65
- S/H Elective

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### MAJOR REQUIREMENTS

#### Lower Division Requirements
- CHEM 6A General Chemistry I
- MATH 20A Calculus I
- MATH 20B Calculus II
- MATH 20C Calculus III
- MATH 20D Differential Equations
- MATH 20E Vector Calculus
- MATH 18 Linear Algebra
- PHYS 2A Mechanics
- PHYS 2B Electricity and Magnetism
- PHYS 2C Flu,Wav,Thrmdyn,Optics
- PHYS 2D Relativity & Quantum

#### Year 1
- ECE 15
- MATH 20A
- PHYS 2A
- S/H Elective

#### Year 2
- ECE 25
- MATH 20E
- PHYS 2D
- S/H Elective

#### Year 3
- ECE 35
- PHYS 2C
- S/H Elective

#### Upper Division Requirements
- ECE 100 Linear Electronic Systems
- ECE 101 Linear Systems Fundamentals
- ECE 102 Intro Active Circuit Design
- ECE 103 Fundamentals/Devices & Matrls
- ECE 107 Electromagnetism
- ECE 109 Eng. Probability & Stats

#### Breadth: 6 courses
- ECE 100
- ECE 101
- ECE 102
- ECE 103
- ECE 107
- ECE 109

#### Design Course: ECE 111, 115, 191, or 190

#### Electives:
- Technical

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PLEASE NOTE:
- All courses used to satisfy major requirements must be taken for a LETTER GRADE and completed with a C– or better.
- These plans assume that students have completed equivalent lower division MATH, PHYS and CHEM courses at the community college that are required for the major.
- Depth courses are offered only once a year. Course offerings are subject to change.
- For personalized course plans, please set up an appointment with an advisor.
- Due to six different college requirements, only major requirements are listed.

ECE Undergraduate Student Affairs Office | Jacobs Hall 2701 & 2702 | ece.ucsd.edu
Questions? Go to vac.ucsd.edu
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