

# EE and EP Majors

## TRANSFER PLAN 2013-2014

**PLEASE NOTE:** All courses used to satisfy major requirements must be taken for a LETTER GRADE. 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. Due to six different college requirements, only major requirements are listed.

ELECTRICAL ENGINEERING (B.S.)			
	FALL	WINTER	SPRING
Year 1	ECE 15	MATH 20E	ECE 30
	ECE 25	ECE 45	ECE 65
	ECE 35		ECE 109
Year 2	ECE 100	ECE 103	Depth #1
	ECE 101	ECE 107	Elective #1
	ECE 102	ECE 108	Elective #2
Year 3	Depth #2	Depth #4	Depth #5
	Depth #3	Eng. Design	Elective #5
	Elective #3	Elective #4	Elective #6

**DEPTH SEQUENCES:**

Communication Systems: ECE 153, ECE 154A, ECE 154B, ECE 154C, and ECE 158A

Students must select an upper division ECE course to satisfy the 5th Depth course in the following sequences:

Electronics Circuits & Systems: ECE 163, 164, 165, 166

Electronic Devices & Materials: ECE135A, ECE 135B, ECE 136L, ECE 183

Machine Learning & Controls: ECE 171A, ECE 174, ECE 175A, one of ECE 171B, ECE 172A, or ECE175B

Photonics: ECE 181, ECE 182, ECE 183 and either ECE 184 or ECE 185

Signal and Image Processing: ECE 153, ECE 161A, ECE 161B, ECE 161C

Computer System Design: CSE 141, ECE 165 and any two of ECE 118, ECE 158A, ECE 111 or CSE 143

ENGINEERING PHYSICS (B.S.)			
	FALL	WINTER	SPRING
Year 1	ECE 15	MATH 20E	ECE 30
	ECE 25	ECE 45	ECE 65
	ECE 35		ECE 109
Year 2	PHYS 110A	ECE 100	ECE 107
	ECE 101	ECE 102	ECE 108
	ECE 103	MATH 110A	PHYS 130A
Year 3	Depth #1*	Depth #2*	Elective #2
	PHYS 130B	Eng. Design	Elective #3
	PHYS 140A	Elective #1	Elective #4

\* ECE 123 & 166 or ECE 135A & 135B or ECE 182 & (181 or 183): The 2 depth courses indicated \* are not always offered in fall and winter, consult with the ECE Undergraduate Office for more detailed information or visit our website.

# EE & Society Major

## TRANSFER PLAN 2013-2014

ELECTRICAL ENGINEERING AND SOCIETY (B.A.)			
	FALL	WINTER	SPRING
Year 1	ECE 15	MATH 20E	ECE 30
	ECE 25	ECE 45	ECE 65
	ECE 35	S/H Elective	S/H Elective
Year 2	ECE 100	ECE 103	Depth #1
	ECE 101	ECE 107	Depth #2
	ECE 102	ECE 108	ECE 109
Year 3	Depth #3	Depth #5	Depth #6
	Depth #4	Eng. Design	E. Elective
	E. Elective	E. Elective	

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