

ELECTRICAL ENGINEERING: SEMICONDUCTOR ENGINEERING, BS

FOUR-YEAR PLAN

FOUR-YEAR PLAN SAMPLE FOUR-YEAR PLAN

First Year

Fall	Credits Spring	Credits
MATH 221	5 E C E/COMP SCI 252	3
CHEM 103, 104, or 109	4-5 PHYSICS 201	5
E C E 210	2 MATH 222	4
or Communications A	Communications A or	3
Liberal Studies Elective	3 E C E 210	
14-15		15

Second Year

Fall	Credits Spring	Credits
PHYSICS 202	5 E C E 222	4
MATH 234	4 COMP SCI 300	3
E C E 203	3 E C E 230	4
Liberal Studies Elective	3 E C E 270	1
15		12

Third Year

Fall	Credits Spring	Credits
E C E/PHYSICS 235	3 ECE Advanced Elective	3
Statistics/Probability Elective	3 INTEREGR 397	3
E C E 340	3 E C E 305	1
E C E 271	1 E C E 335	3
E C E 330	3 Liberal Studies Elective	3
E C E/COMP SCI 352	3 Professional Elective (Adv Math)	3
16		16

Fourth Year

Fall	Credits Spring	Credits
Liberal Studies Elective	3 Professional Elective ¹	3
E C E 548	3 E C E 466 or 445	3
E C E 549	4 ECE Advanced Elective (4XX) ¹	3
EE Advanced Lab (3XX)	1 ECE Capstone Design	4
E C E 370	2 Liberal Studies Elective	3
Professional Elective ¹	3	
16		16

Total Credits 120-121

¹ Replace at least two of these professional electives or advanced electives with courses from the Semiconductors electives list. Elective courses may have additional requisites.