

ELECTRICAL ENGINEERING: MACHINE LEARNING AND DATA SCIENCE, BS

FOUR-YEAR PLAN

EE Advanced Lab (3XX)	1	
	15	16

Total Credits 120

FOUR-YEAR PLAN SAMPLE FOUR-YEAR PLAN

First Year

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

Second Year

Fall	Credits Spring	Credits
PHYSICS 202	5 E C E 222	4
MATH 234	4 E C E 230 ⁴	4
E C E 203	3 E C E 270 ¹	1
Free Elective	1 E C E 330	3
	Liberal Studies Elective	3
	13	15

Third Year

Fall	Credits Spring	Credits
COMP SCI 300	3 ECE Advanced Elective	3
E C E 331	3 E C E/PHYSICS 235	3
E C E 340	3 EE Advanced Lab (3XX)	1
E C E 271	1 INTEREGR 397	3
E C E/COMP SCI 352	3 Liberal Studies Elective	3
Professional Elective	3 MATH 320	3
	16	16

Fourth Year

Fall	Credits Spring	Credits
E C E/COMP SCI/ I S Y E 524	3 ECE Capstone Design	4
E C E 370	2 ECE Advanced Elective (4XX)	3
ECE Advanced Elective	3 Machine Learning and Data Science Elective	3
ECE Advanced Elective	3 E C E/COMP SCI/ M E 532	3
Liberal Studies Elective	3 Liberal Studies Elective	3