

# COMPUTER ENGINEERING: MACHINE LEARNING AND DATA SCIENCE, BS

## FOUR-YEAR PLAN

### FOUR-YEAR PLAN SAMPLE FOUR-YEAR PLAN

#### First Year

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

#### Second Year

Fall	Credits Spring	Credits
E C E 203	3 MATH/COMP SCI 240	3
E C E/COMP SCI 352	3 E C E 222	4
MATH 234	4 E C E 230	4
PHYSICS 202	5 E C E 270	1
	COMP SCI 300	3
	<b>15</b>	<b>15</b>

#### Third Year

Fall	Credits Spring	Credits
E C E 353	3 E C E 315	1
E C E 340	3 E C E 551	3
E C E 331	3 Circuits Elective	3
E C E/COMP SCI 354	3 INTEREGR 397	3
COMP SCI 400	3 Liberal Studies Elective	3
	Liberal Studies Elective	3
	<b>15</b>	<b>16</b>

#### Fourth Year

Fall	Credits Spring	Credits
E C E/COMP SCI/ M E 532	3 COMP SCI 564	4
E C E 453, 454, 455, or 554	4 E C E/COMP SCI/ M E 539	3
Computer Engineering Elective	3 Machine Learning and Data Science Elective	3
Liberal Studies Elective	3 Liberal Studies Elective	3
Professional Elective	3 Free Elective	1
	<b>16</b>	<b>14</b>

**Total Credits 120**