

## Sample Degree Map 2020-2021 Electrical Engineering BS Total Credits Required: 133

Course Number & Title	Credits
ENG 111 (EC)	3
MTH 231 (MQ) (M)	3
MTH 229 (M)	1
PHY 120 (LP) (M)	3
PHY 121 (CO) (M)	1
ENS 100 (M)	2
ENS 136 (M) (RNL)	2
ELECTIVE	2
Total Credits:	17

Year One - Second Semester	
Course Number & Title	Credits
ENG 151 (RECR) (RLA)	3
MTH 232 (M) (RLA)	3
PHY 160 (M) (FSWR)	3
PHY 161 (M) (COPR)	1
ENS 220 (M) (RNL)	4
CSC 270 (SW) (M)	4
Total Credits:	18

Year Two - Second Semester	
Course Number & Title	Credits
ENS 249 (M)	2
MTH 330 (M)	4
MTH 311 (M)	4
PHY 240 (M)	3
CHM 141 (M)	3
CHM 121 (M)	1
Total Credits:	17

Year Three - Second Semester	
Course Number & Title	Credits
ENS 342 (M) (RNL)	3
ENS 439 (M) (RNL)	2
ENS 371 (M) (RNL)	3
ENS 420 (M) (RNL)	4
US EXPERIENCE IN ITS DIVERSITY	3
Total Credits:	15

Year Four - Second Semester	
Course Number & Title	Credits
CREATIVE EXPRESSION (CE)	3
ENS 415 (RNL)OR ENS 436 (RNL) OR ENS 471	3
(M)	
ENS 432 (M) (RNL)	3
ENS 492 (M) (RNL)	2
ELE ADVANCED ELECTIVE (RNL)	4
Total Credits:	15

LEGEND: (EC): English Composition (MQ): Mathematical & Quantitative Reasoning (LP): Life & Physical Sciences (SW): Scientific World (US): US Experience in Its Diversity (WG): World Cultures & Global Issues (IS): Individual & Society (CE): Creative Expression Arts (CW): Contemporary World (PD):Pluralism & Diversity (TALA):Textual Aesthetic & Linguistic Analysis (M):Major (CO):College Option (RLA):Liberal Arts (RNL): Non-Liberal Arts

Year Two - First Semester	
Course Number & Title	Credits
MTH 233 (M)	3
ENS 221 (M) (RNL)	2
ENS 241 (M) (RNL)	4
ENS 310 (M)	4
ECO 101 (IS)	3
Total Credits:	16
Year Three - First Semester	

Course Number & Title	Credits
ENS 322 (M) (RNL)	3
ENS 331 (M)	4
ENS 336 (M) (RNL)	4
ENS 345 (M)	3
ENS 362 (M)	4
Total Credits:	18

Year Four - First Semester	
Course Number & Title	Credits
ENS 491 (M) (RNL)	2
ENS 356 (M)	4
ELE ADVANCED ELECTIVE (RNL)	4
ECO 251 OR 285 (M) (SOCIAL SCIENCE) (CO) (CW) (PD)	4
WORLD CULTURES & GLOBAL ISSUES	3
Total Credits:	17

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	Credits	Course Number & Title
	3	ENS 342 (M) (RNL)
	4	ENS 439 (M) (RNL)
	4	ENS 371 (M) (RNL)
	3	ENS 420 (M) (RNL)
	4	US EXPERIENCE IN ITS DIVER
	18	Total Credits: