

Electrical Engineering

Department Information

- **Department Web Site:**
www.ndsu.edu/ece/ (<http://www.ndsu.edu/ece/>)
- **Credential Offered:**
B.S.E.E.
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/electrical-engineering/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/electrical-engineering/>)

Sample Program Guide

IMPORTANT DISCLAIMER: This guide is not an official curriculum. This guide is a sample four-year degree plan of how students might plan this major with other degree requirements to complete their education in four years. Student plans will vary from this sample due to a variety of factors, such as, but not limited to, start year, education goals, transfer credit, and course availability. To ensure proper degree completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degreemap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with academic advisors to ensure graduation requirements are being met.

First Year			
Fall	Credits	Spring	Credits
MATH 105 ¹		3 MATH 165 ¹	4
CHEM 121		3 MATH 129 ¹	3
ENGL 110		3 ECE 111	3
COMM 110		3 ECE 173 ¹	4
GEN ED Wellness		2 ENGL 120	3
GEN ED Social/Behavioral Sciences		3	
		17	17
Second Year			
Fall	Credits	Spring	Credits
MATH 166 ¹		4 MATH 265 ¹	4
PHYS 251		4 EE 206 ¹	4
ECE 275 ¹		4 PHYS 252	4
GEN ED Social/Behavioral Sciences and Global Perspective		3 Tech Elective ²	3
GEN ED Humanities/Fine Arts Cultural Diversity		3 GEN ED Science Lab (CHEM 121L, PHYS 251L or PHYS 252L)	3
		18	18
Third Year			
Fall	Credits	Spring	Credits
MATH 266 ¹		3 ECE 401	1
ECE 311		4 ECE 343	4
ECE 320		3 ECE 331	4
ECE 321		2 ECE 351	4
ECE 376		4 ECE Elective	3
		16	16
Fourth Year			
Fall	Credits	Spring	Credits
ECE 403		2 ECE 405	3

ECE 341	3	ECE 341	3
GEN ED Upper Level English	3	ECE Elective	3
ENGR 327	3	Tech Elective ²	3
Tech Elective ²	3	Tech Elective ²	3
ECE Elective	3		
	17		15

Total Credits: 134

¹

This course requires the student to earn a "C" or better, in order to take upper level ECE courses.

²

Choose from the approved Tech Elective List.