

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 103 ¹		3 MATH 105 ¹	3
ENGL 110		3 ENGL 120	3
COMM 110		3 ECE 173 ¹	4
CHEM 121		3 GEN ED Social/Behavioral Science	3
GEN ED Wellness		2 ECE 111	3
		14	16
Second Year			
Fall	Credits	Spring	Credits
MATH 165 ¹		4 MATH 166 ¹	4
MATH 129 ¹		3 EE 206 ¹	4
ECE 275 ¹		4 PHYS 251	4
GEN ED Humanities/Fine Arts and Cultural Diversity		3 GEN ED Science Lab (CHEM 121L, PHYS 251L or PHYS 252L)	1
GEN ED Social/Behavioral Science and Global Perspective		3 Tech Elective ²	3
		17	16
Third Year			
Fall	Credits	Spring	Credits
MATH 265 ¹		4 ECE 401	1
PHYS 252		4 MATH 266 ¹	3
ECE 311		4 ECE 320	3
GEN ED Upper Level English		3 ECE 351	4
Tech Elective ²		3 ECE 321	2
		ECE 376	4
		18	17
Fourth Year			
Fall	Credits	Spring	Credits
ECE 403		2 ECE 405	3

ECE 343	4 ECE 341	3
ECE 331	4 Tech Elective ²	3
ENGR 327	3 ECE Elective	3
Tech Elective ²	3 ECE Elective	3
	ECE Elective	3
	16	18

Total Credits: 132

¹

This 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