

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: A Sample Program Guide provides an unofficial guide of program requirements and should be used by prospective students who are considering attending NDSU in the future. It is NOT an official curriculum and should NOT be used by current NDSU students for official degree planning purposes. Note that the official curriculum used by current NDSU students can vary from the Sample Program Guide due to a variety of factors such as, but not limited to, start year, education goals, transfer credit, and course availability.

To ensure proper program 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 their academic advisor to ensure requirements are being met.

Freshman			
Fall	Credits	Spring	Credits
MATH 165 ¹		4 ECE 111 ¹	3
CHEM 121		3 ENGL 120	3
GEN ED Wellness		2 MATH 129 ¹	3
ECE 173 ¹		4 MATH 166 ¹	4
ENGL 110		3 PHYS 251	4
		16	17
Sophomore			
Fall	Credits	Spring	Credits
EE 206 ¹		4 COMM 110	3
MATH 265 ¹		4 ECE 311	4
PHYS 252		4 MATH 266 ¹	3
ECE 275 ¹		4 Tech Elective ²	3
GEN ED Science Lab (CHEM 121L, PHYS 251L or PHYS 252L)		1 GEN ED Humanities/Fine Arts and Cultural Diversity	3
		17	16
Junior			
Fall	Credits	Spring	Credits
ECE 320		3 ECE 401	1
ECE 321		2 ECE 341	3
ECE 376		4 ECE 331	4
ECE 351		4 Tech Elective ²	3
GEN ED ENGL/Upper Level Writing ³		3 ECE 343	4
		16	15
Senior			
Fall	Credits	Spring	Credits
ECE 403		2 ECE 405	3

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ENGR 327 (FULFILLS HUMANITIES & FINE ARTS (A))	3 ECE Elective	3
ECE Elective	3 ECE Elective	3
Tech Elective ²	3 Tech Elective ²	3
GEN ED Social/Behavioral Sciences and Global Perspective	3 GEN ED Social & Behavioral Sciences	3
	14	15

Total Credits: 126

1
This course requires the student to earn a "C" or better, in order to take upper level ECE courses.

2
Choose from the approve Tech Elective List

3
Choose from ENGL 320, 321, 324 or 459