

# Electrical Engineering

## Department Information

- **Department Web Site:**  
[www.ndsu.edu/ece/](http://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/) (<http://catalog.ndsu.edu/undergraduate/program-curriculum/electrical-engineering/>)

First Year			
Fall	Credits	Spring	Credits
MATH 098 <sup>1</sup>		3 MATH 103 <sup>1</sup>	3
ENGL 110		3 ENGL 120	3
COMM 110		3 CHEM 121	3
GEN ED Wellness		2 GEN ED Social/Behavioral Science	3
GEN ED Social/Behavioral Science and Global Perspective		3 GEN ED Humanities/Fine Arts and Cultural Diversity	3
		<b>14</b>	<b>15</b>
Second Year			
Fall	Credits	Spring	Credits
MATH 105 <sup>1</sup>		3 MATH 165 <sup>1</sup>	4
ECE 173 <sup>1</sup>		4 PHYS 251	4
ECE 275 <sup>1</sup>		4 ECE 111	3
MATH 129 <sup>1</sup>		3 GEN ED Science Lab (CHEM 121, PHYS 251, or PHYS 252)	1
		Tech Elective <sup>2</sup>	
		<b>14</b>	<b>12</b>
Third Year			
Fall	Credits	Spring	Credits
MATH 166 <sup>1</sup>		4 MATH 265 <sup>1</sup>	4
EE 206 <sup>1</sup>		4 ECE 311	4
PHYS 252		4 ECE 320	3
ECE 351		4 ECE 321	2
GEN ED Upper Level English		3 ECE 376	4
		ECE 401	1
		<b>19</b>	<b>18</b>
Fourth Year			
Fall	Credits	Spring	Credits
MATH 266 <sup>1</sup>		3 ECE 405	3
ECE 343		4 ECE 341	3
ECE 331		4 ECE Elective	3
ENGR 327		3 ECE Elective	3
ECE 403		2 ECE Elective	3
		<b>16</b>	<b>15</b>

Fifth Year	
Fall	Credits
ECE 405	3
Tech Elective <sup>2</sup>	3
Tech Elective <sup>2</sup>	3
Tech Elective <sup>2</sup>	3
12	

Total Credits: 135

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