

LEADERS CAN START ANYWHERE... AND FINISH THEIR DEGREE AT UND

When you begin your Associate in Science- Engineering Option at Dickinson State University.

Plan of Study: Bachelor of Science in Electrical Engineering

Courses are sequenced to provide guidance and to help ensure that prerequisites are met.

Catalog Year: 2022-2023

| Begin courses at Dickinson State University | | |
|---|--|-----------|
| First Year First Semester | | |
| | CHEM 121/L: General Chemistry I/Lab | 5 |
| | MATH 165: Calculus I | 4 |
| | UNIV 100: Freshman Seminar | 1 |
| | ENGL 110: College Composition I | 3 |
| | COMM 110: Fundamentals of Public Speaking | 3 |
| | Approved Social Science Course | 3 |
| Total Credits | | 19 |
| First Year Second Semester | | |
| | CHEM 122/L: General Chemistry II/Lab | 5 |
| | MATH 166: Calculus II | 4 |
| | PHYS 251/L: University Physics I/Lab | 5 |
| | ENGL 120: College Composition II | 3 |
| | Approved General Education Elective | 3 |
| Total Credits | | 20 |
| Second Year First Semester | | |
| | MATH 265: Calculus III | 4 |
| | PHYS 252/L: University Physics II/Lab | 5 |
| | CSCI 101: Introduction to Computers | 3 |
| | Approved Human Behavior and Governance Course | 3 |
| | EE 206/L: Circuit Analysis and Circuits Lab I* | 4 |
| | EE 101: Introduction to Electrical Engineering* | 1 |
| Total Credits | | 20 |
| <p>Apply to UND by April 15</p> <ul style="list-style-type: none"> • Complete online application at UND.edu/transfer • Request transcripts to be sent to UND from DSU. <p>Apply for scholarships at UND by March 1</p> <ul style="list-style-type: none"> • After admission submit application for campus-wide scholarships in UND's Scholarship Central | | |
| Second Year Second Semester | | |
| | MATH 266: Introduction to Differential Equations | 4 |
| | Approved Global Perspective Course | 3 |
| | Approved Well-Being Course | 2 |
| | Approved Creative Expressions Course | 3 |
| | Approved Literature Course | 3 |
| | EE 313/L: Linear Circuits and Circuits Lab II* | 4 |
| Total Credits | | 19 |

Take next steps to begin at UND

- Begin new student checklist at UND.edu/admitted
- Attend UND Transfer Student Orientation at UND.edu/orientation

Third Year | First Semester

| | |
|--|-----------|
| EE 314/L: Signals and Systems/Lab | 4 |
| EE 316: Electric Magnetic Fields | 3 |
| EE 318: Engineering Data Analysis | 3 |
| EE 321/L: Electronics I/Lab | 4 |
| EE 201/L: Intro to Digital Electronics/Lab | 4 |
| Total Credits | 18 |

Third Year | Second Semester

| | |
|---|-----------|
| EE 401/L: Electric Drives/Lab | 4 |
| EE 405/L: Control Systems I/Lab | 4 |
| EE 409: Distributed Networks | 3 |
| EE 421/L: Electronics II/Lab | 4 |
| ENGR 340: Professional Integrity in Engineering | 3 |
| Total Credits | 18 |

Fourth Year | First Semester

| | |
|--|-----------|
| EE 480: Senior Design I | 3 |
| Approved EE Elective | 3 |
| Approved EE Elective | 3 |
| Approved Non-EE Elective | 3 |
| MATH 207: Introduction to Linear Algebra | 2 |
| EE 304: Computer Aided Measurement and Control | 3 |
| Total Credits | 17 |

Apply to graduate from UND

- After registering for your last semester of courses, apply at UND.edu/commencement

Fourth Year | Second Semester

| | |
|--------------------------------|-----------|
| EE 481: Senior Design II | 3 |
| Approved EE Elective | 3 |
| Approved EE Elective | 3 |
| ENGR 460: Engineering Economy | 3 |
| EE 452/L: Embedded Systems/Lab | 4 |
| Approved Non-EE Elective | 3 |
| Total Credits | 19 |

*Course should be taken through collaborative agreement with UND through online/distance courses in the semester listed.

This information is provided as guide only. Students are strongly encouraged to meet with their major specific UND advisor.

An official evaluation of transfer credit will be done upon admission to the university. Transfer credits will be evaluated and applied according to the current catalog and the approved Essential Studies list at the first semester of enrollment at UND.

Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Students are required to fulfill UND graduation and GPA requirements to receive a degree and should consult with their UND advisor and the undergraduate catalog for details.