Electrical Engineering (B.S.E.E.)

Help power the world forward with the electrical expertise in aerospace, computer science or biomedical engineering.

Learn from the best. UND's online electrical engineering program is ranked Top 5 in the nation by several ranking reports year-after-year. If you have a fascination with electricity and its nearly endless applications, the field of electrical engineering is right for you.

Program Snapshot

Program type: Major
Format: On-campus or online
Est. time to complete: 4-5 years
Credit hours: 125

Why Study Electrical Engineering at UND?

Electrical engineers are integral to creating the components that power our world, today and in the future. It's a fascinating, challenging and rewarding profession that offers many different specialty options, excellent compensation and exceptional opportunity.

With UND's electrical engineering undergraduate program, you'll benefit from a curriculum that provides a strong foundation in the traditional and contemporary areas of electrical engineering, along with opportunities to:

- Get the hand-on experience that will develop your ability to identify, formulate and solve electrical engineering problems.
- Learn leadership, communication, multidisciplinary teamwork, entrepreneurial and lifelong learning skills necessary for success in a global marketplace.
- Gain the problem-solving capabilities and technical skills to practice electrical engineering.

Top Online Engineering College in the Nation

UND has offered distance engineering degrees for over 30 years. We are consistently regarded as a top electrical engineering college in the nation for educational quality, affordability and career outcomes.

The bachelor's in electrical engineering is offered 100% online. You never come to campus.

Best Online Bachelor's in Electrical and Electronics Engineering

#1 - Online Schools Report
#3 - GUIDE TO ONLINE SCHOOLS
#2 - top 59 electrical engineering degrees
#3 - THE BEST Schools
#3 - BEST Colleges
#4 - BEST College Reviews
#5 - Bachelor's Degree Center
Study electrical engineering at an accredited university. UND's undergraduate electrical engineering program is ABET accredited.
Application Deadlines

FALL:
FRESHMEN: FEB. 1* | AUG. 1
TRANSFERS: APRIL 15* | AUG. 1
*ACADEMIC SCHOLARSHIP PRIORITY DEADLINE
SPRING: DEC. 15
SUMMER: May 1

B.S.E.E. Highlights

- Learn by doing with a program that allows you to design and conduct experiments, as well as analyze and interpret data.
- Practice engineering by using knowledge and skills for problem analysis and solving in a wide range of professional settings.
- Learn how to design a system, component or process to meet goals within realistic budget, compliance, manufacturing and other real-world constraints.
- For those who are Active Duty, this program is AU-ABC degree eligible.
- Pair your engineering degree with an additional focus in computer science, aerospace or biomedical engineering.
- Earn your degree from one of the most well-respected engineering colleges in the upper Midwest.

Jobs in Electrical Engineering

94K
The median salary for an electrical engineer*

9%
Projected growth for electrical engineering jobs through 2026, faster than average for engineering jobs*

*U.S. Bureau of Labor Statistics

Electrical engineers experience some of the highest job satisfaction ratings of all careers, with opportunities at some of today's most exciting and dynamics global corporations in defense, aerospace, automobiles, technology and energy fields.

When You Major in Electrical Engineering

An Electrical Engineering degree gives you the strategic skills you need, including:

- MATLAB
- Java (Programming Language)
- C++ (Programming Language)
- LabVIEW
- Electronics

UND Electrical Engineering Major Alumni

Electrical Engineering alumni can expect a range of opportunities in electrical engineering, and many have recently gone onto careers in top regional and global engineering firms like:

- 3M
- Boeing
- Hitachi
- IBM
- Rockwell Collins