Computer Science (B.S.)

Learn the valuable skills and knowledge you need to design and develop tomorrow's technology solutions.

Technology is the bedrock of today's global economic and social foundation. Those that have fundamental system and programming skills will continue to be in high demand. With a focus on problem solving and programming, you'll learn how to model and analyze problems, design solutions, and verify results with today's most exciting technology innovations and technologies.

Program Snapshot

Program type: Major
Format: On-campus or online
Est. time to complete: 4-5 years
Credit hours: 120

Why Study Computer Science at UND?

UND offers undergraduate programs that are truly unique with opportunities to:

- Create web and mobile apps.
- Develop computer animations and virtual reality systems.
- Analyze imagery and data from unmanned and manned aircraft systems.
- Influence the design of systems for aerospace.
- Develop expertise in cybersecurity, big data, software engineering, information technology, computer animation, and game design.

The B.S. in Computer Science provides the strongest mathematical and scientific background. It is recommended for students who intend to pursue graduate studies or to seek employment involving technical or scientific applications of computing.

Online Computer Science Degree

The entire computer science degree program is offered 100% online. You're not required to come to campus at any time. Our flexible online courses are designed to help you earn your computer science degree with minimal disruption.

Learning to Lead

Computer Science researchers encourage young students to think through experiments and hypotheses.

Application Deadlines

Fall: Aug. 17
Spring: Dec. 15
Summer: May 1

Computer Science at UND
The B.S. in Computer Science is accredited by the Computing Accreditation Commission of ABET.

Collaborate with engineering, aerospace, and medical students, as well as other disciplines.

Conduct research, develop software and manage systems for many schools and departments.

Flexible course offerings and specializations allow for a tailored educational experience.

Gain access to on-campus computing power: two computer labs, a set of diverse servers and a high-performance computing (HPC) system.

For those who are Active Duty, this program is AU-ABC degree eligible.
Jobs in Computer Science

90% Job placement rates are consistently above that level for UND computer science program graduates.

500 Global leaders, including Fortune 500 companies, offer UND computer science program students internship opportunities: Digi-Key, HGST, IBM, Microsoft, Honeywell, Rockwell-Collins, Blue Cross Blue Shield and Mayo Clinic.

Graduates of the computer science program often go on to successful careers in today's fastest-growing and dynamic industries and sectors including gaming, mobile apps, social media, high-tech, telecommunications, software, security and more.

UND computer science graduates can expect a range of opportunities in careers like:

- Software Engineering
- Systems Analyst
- Database Administrator
- Computer Scientist
- Computer System Engineer
- Games Developer
- Network Architect

When You Major in Computer Science

A Computer Science degree gives you the strategic skills you need, including:

- Java (Programming Language)
- SQL (Programming Language)
- Hypertext Markup Language/HTML
- C++ (Programming Language)
- JavaScript (Programming Language)

UND Computer Science Major Alumni

Computer Science alumni have gone on to a variety of successful careers with:

- Digi-Key Corporation
- Rockwell Collins, Inc.
- Amazon.com, Inc.
- Altru Health System
- Newscycle Solutions, Inc.