Computer Science

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 software skills will continue to be in high demand. With a focus on problem solving, 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: B.A. 120 | B.S 125 |

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.

B.S. or B.A.?

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.

The B.A. in Computer Science has more flexibility with fewer requirements relating to science and mathematics, but with additional requirements for courses in the humanities. This degree program is recommended for students seeking a broader-based liberal arts education.

Priority Application Deadlines

| FALL: | Feb. 1* (freshmen) | April 15* (transfer students) |
| SPRING: | Dec. 1 |
| SUMMER: | April 1 |
* academic scholarship priority deadline

Program Highlights

- Learn from extensive real-world opportunities.
- 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.
- The B.S. in Computer Science is accredited by the Computing Accreditation Commission of ABET.
Outcomes

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 this 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 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