COMPUTER SCIENCE

University of Northern Iowa College of Humanities, Arts & Sciences

http://www.cs.uni.edu/

About The Major

Computer Science is the study of processes that interact with data and that can be represented as data in the form of programs. It enables the use of algorithms to manipulate, store, and communicate digital information. Computer scientists are proficient at modeling and analyzing problems. This kind of problem-solving requires precision, creativity, and careful reasoning.

Sample Course Work

Introduction to Computing

Introduction to Statistical Methods

Discrete Structures

Computer Organization

Project Management

Intermediate Computing

Possible Careers *Some titles may require further education

IT Consultant

Database Admin

Software Developer

Cyber Security Manager

Professor

Web Developer

Systems Analyst

Game Developer

Multimedia Programmer

Information Research Scientist

Information Systems Manager

Computer Hardware Engineer

UNI Graduates: Where Are They Now?

- John Deere
- Jack Henry & Associates
- Microsoft
- Wells Fargo Home Mortgage
- Intel Corporation
- University of Minnesota
- Banno Limited
- Proofpoint
- Decathlon Australia
- Terraplane, LLC
- Robotics Alley Conference & Expo
- Disney Research
- Workiva
- IMT Computer Services

Skills Needed

- Analytical skills
- Problem-Solving Skills
- Patience
- Creativity
- Critical Thinking
- Written and Oral Communication
- Presentation Skills
- Ability to Work Collaboratively
- Self-Awareness
- IT Skills

UNI / **University of Northern Iowa**
Academic Advising