



# COMPUTER SCIENCE

## BGSU COLLEGE OF ARTS AND SCIENCES

The rapid advances in computer technology in today's highly technological society have resulted in a continuing demand for computer science graduates. Computer science applies the basic principles of computing and the latest technology to solve problems in business, education, and government. Students in computer science can earn a Bachelor of Science or a Bachelor of Arts degree from BGSU. The B.S. degree has a stronger emphasis on computer science and mathematics courses, while the B.A. degree provides more flexible course options.

### College of Arts and Sciences – Computer Science

#### Points of Pride

- The Computer Science Department at BGSU was the first of its kind in the state of Ohio when it was established in 1969, and one of the few to have received the Program Excellence Award from the Ohio Board of Regents.
- All computer science major classes are taught by dedicated faculty, not graduate assistants, and are offered in small class sizes.
- BGSU Computer Science prepares students for high paying, in-demand jobs by delivering continuously evolving curriculum in a student-centered learning environment with a multi-layer advising structure.
- The degree programs offer hands-on learning experience such as co-ops, internships, research projects, and service learning experiences.
- The Association for Computing Machinery (ACM) and Women in Computing student organizations provide personal and professional development and networking opportunities for students.

### A Public University for the Public Good

The Department of Computer Science contributes to the public good by providing traditional and non-traditional students unique educational experiences for lifelong learning and career growth in high-demand domains; producing techniques that impact daily life via cutting-edge research; and promoting diversity and inclusion among students, faculty and the community.



#### Core computer science courses:

- Intro/Intermediate Programming
- Data Structure
- Operating Systems & Network
- Software Engineering
- Programming Languages
- Algorithms
- Capstone Project

#### What can I do with this major?

Computer science graduates pursue the following types of careers:

- Software Engineer
- Software Developer
- Database Administrator
- Computer Network Architect
- IT Architect
- Computer System Analyst
- Web Developer
- Computer and Information Security Analyst

#### For more information

#### Computer Science

419-372-2337

[bgsu.edu/cs](http://bgsu.edu/cs)