QUICK FACTS

Degree:

Bachelor of Science
Minor in Math
Possible Double Major

Post-Baccalaureate Degree Certificates:

- Database
- Networking
- Multimedia & Web Design
- E-Commerce Technology
- Business Programming

Four-Year Degree Minors:

- Geography
- Management
- Accounting
- Business
- Professional Writing and Editing
- Others as noted in the YSU Bulletin

Lab Facilities:

- Three general-use Intel Platform
- Advanced Multimedia
- Two Cisco Networking
- Wireless
- PC Maintenance/Troubleshooting
- Operating Systems
- UNIX/Graphics (Sun)

Faculty:

- Broad-based industry experience
- Security certified

ABOUT THE DEPARTMENT

The CSIS office is located in 339 Meshel Hall. Most of the classrooms and labs in which our classes are taught are located on the third and first floors of Meshel Hall.

Some of our labs are general-purpose facilities that house computers using Windows and standard application packages, including Microsoft Word, Internet Explorer, and Visual Studio.

Other labs include more specialized software and hardware, including multimedia packages and networking equipment.

We offer a safe studying environment. Our labs are restricted to students of and students taking departmental classes.

ABOUT THE PROGRAM

Today, computers are everywhere and we use them in many aspects of our daily lives: from car engines to video games and virtual realities, from word processors to web browsers.

Computing scientists might find themselves in a variety of environments in academia, research, industry, government, private and business organizations -- analyzing problems for solutions, formulating and testing, using advanced communications and multimedia equipment, or working in teams for product development.

Work opportunities can be found not only in the computer industry. YSU's Computer Science program is a great preparation for virtually any career: microbiology, business, law, medicine, music, architecture, education -- any field touched by computing.

CAREER OPPORTUNITIES

- Artificial Intelligence
- Software Engineering
- Computer Theory
- Operating Systems and Networks
- Software Applications
- Research Analysts
- System & Security Administrators
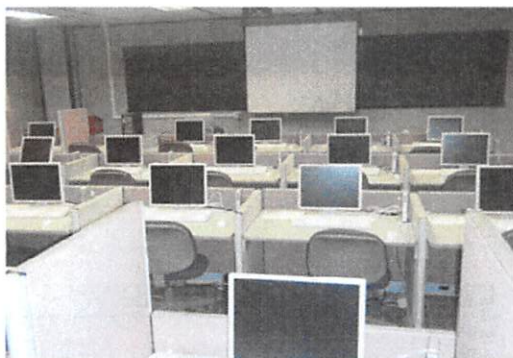
IMPORTANT FACTS:

- Intellectually and creatively challenging
- A fast growing segments of industry
- One of the most lucrative college degrees

OPPORTUNITIES AT YSU

- ACM Programming Competition
- Undergraduate research opportunities
- Work with the Center of Student Progress and become a tutor
- Internships
- Attend conferences at nearby computer centers in Columbus and Pittsburgh

CS AT-A-GLANCE

Leads to the Bachelor's degree

Includes courses in:

- Programming and Advanced Software Development
- Computer Organization and Architecture
- Operating Systems
- Algorithm Design
- Database Development and Analysis

Allows a wide variety of electives, including:

- Software Engineering
- Computer Security
- Database Development
- Communications and Networking
- Visual and Web Programming
- Unix programming
- Artificial Intelligence

Provides languages and platforms:

- C
- C++
- Java
- Unix

Contact us for more information:

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Undergraduate Program

Computer Science

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