Computer Science

GROVE CITY COLLEGE

www.gcc.edu/csci

Highlights

Strong academics: our graduating classes rank in the **top 10% in the nation** on the benchmark test for computer science

A **96% placement rate** in industry or graduate studies, with recent alumni at Amazon, Cisco, IBM, Microsoft, Stanford University, and the University of Michigan

ABET-accredited B.S. in Computer Science

Research opportunities in machine learning, databases, and computer game design, among others

Small classes, providing the opportunity to work closely with professors

Classrooms built for hands-on learning and collaboration, housed in a beautiful new building

Majors

B.S. in Computer Science

Accredited by the Computing Accreditation Commission of ABET

Includes courses in programming, software engineering, computer systems, ethics, theory, and algorithms

B.A. in Computer Science

Same foundation in programming, software engineering, and ethics as the B.S. degree

Additional flexibility to pursue a minor in another discipline, such as design, business, biology, or writing

Minors

Add one of the following minors to a B.S. or B.A. in Computer Science to showcase to employers your expertise in an advanced computer science topic.

Cybersecurity

Cybersecurity is ubiquitous, affecting nearly every computer system and everyone who uses them. Learn about technical and human aspects of cybersecurity, including courses on ethics, secure computer systems, and criminology.

Data Science

Data science drives decision-making in modern industry. Learn how to work with various kinds of data, identify trends, and use data to make predictions. This minor includes courses in machine learning, artificial intelligence, big data, business analysis, mathematics, and statistics.

Mobile Development

Gain broad experience by writing applications for both major platforms, iPhone and Android. Combined with design courses that address how to create an excellent user experience, you learn how to design and build effective mobile apps.

Computer Game Design and Development

Computer games are a unique medium for expressing technical and artistic creativity. We offer three computer science courses on game design and development. Additional courses in communications deepen your understanding of effective narrative in computer games.

High-Tech Entrepreneurship

Make your ideas a reality in the exciting realm of software startups. Take a series of computer science classes to learn about designing and building apps, in addition to entrepreneurship classes focused on technical startups. Work one-on-one with entrepreneurship faculty to develop one of your ideas in a final project for the minor.

For students majoring outside computer science, a **computer science minor** is available, providing valuable skills to solve problems in your area of expertise. The minor includes a foundation in computer programming and several elective options including databases, statistical computing, and writing applications for Android or iPhones.

Learn More

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