



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 minors in other disciplines, 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 programming, databases, and statistics, in addition to data science classes.

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.



AI AND MACHINE LEARNING

Artificial intelligence (AI) and machine learning are used to solve a wide range of problems, including fraud detection, product recommendations, and facial recognition. Learn about a large variety of AI and machine learning algorithms, so you can apply them effectively, interpret results, and improve performance.

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.





LEARN MORE



www.gcc.edu/csci



[@comp.sci.gcc](https://www.instagram.com/comp.sci.gcc)



SCHEDULE A VISIT

724-458-2100
visit@gcc.edu