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Computer Science

Learn how to use computer technology to make a positive difference in the world. As the role of computers in society continues to grow, graduates of computer science schools are in a unique position to have a significant effect on our lives both in the workplace and at home. That's why we strive to make our Geneva College computer science major different from other top computer science bachelor degree programs in PA. In addition to teaching excellence in the technical skills you want from a computer science college, our faculty puts the significance of those skills in perspective according to biblical ethics, with the goal of producing servant-leaders who understand the responsibility that comes with the ability to affect God's people and His world to control technology that weaves through every aspect of contemporary life.

Mission

Courses

CSC 101 - Structured Programming

CSC 102 - Object-Oriented Programming

CSC 133 - Survey of Computer Science

CSC 203 - Software Engineering

CSC 204 - Algorithms

CSC 251 - Networks & Security

CSC 311 - Cyberethics and Cyber Law

CSC 363 - Database Systems

CSC 483 - Software Engineering Project 1

CSC 484 - Software Engineering Project

MAT 130 - Discrete Mathematics

MAT 105 - Elementary Statistical Methods

The mission of the Department of Computer Science and Cybersecurity is to glorify God by educating and ministering to a diverse community of students for the purpose of developing professionals who will see their careers as a calling from God in which they may glorify Him and love their neighbors, providing excellent engineering services in an environment of technological change.

Overview

Geneva's computer science and cybersecurity programs provide a breadth of knowledge through common core courses in programming, software engineering, computer architecture, operating systems and networks, as well as a depth of knowledge in an application area through completion of a minor or second major chosen to complement talents, interests and vocational goals.

Core Curriculum

In 2015, the Faculty Senate and Board of Trustees approved a revised core curriculum to be implemented beginning with freshmen and transfer students entering for fall 2016. Please note that the information provided below is subject to change and may not apply to every student as there are substitutions and exceptions made for some majors.

Area	Credits
Community of Learners	1
God	9
Cosmos	8-13
Cultural Engagement	7-9
Reason and Rhetoric	6
Humanity	6
Society	6-9

Faculty

- Dr. Gordon Richards -

PROFILE

- Paul Poteete -

PROFILE