

Computer Science

Computer science majors at Delaware State learn more than how to write code. They also develop career-advancing skills such as communication, critical thinking, and creative problem-solving. Students are encouraged to explore new ideas and technologies, as well as to find new uses for existing computer science technologies. Small class sizes ensure that students can work closely with faculty and tailor their education to their own interests.

The senior capstone project enables computer science majors to broaden their horizons and apply their expertise in fields such as business, science, education, social services, or entertainment. Nearly every industry relies on computers, so graduates from this major enjoy a wide range of job opportunities.

Professional Prep

Computer Science majors work with standard technology that is widely used across many industries and disciplines. Students learn to

- program in multiple languages using multiple paradigms
- design and integrate all elements of computer systems, including networks, hardware, and software
- work with databases, algorithms, and operating systems
- participate in off-campus internships
- explore cutting-edge areas such as data mining, digital compression, and virtual machine migration
- design computing-based solutions to problems in various disciplines
- conduct computing-based research
- evaluate the social implications of computing

Faculty

Delaware State's computer science faculty draw upon a wide range of national, ethnic, and professional diversity. Professors have extensive experience not only in computing but also in areas such as applied physics and mathematics. They are dedicated teachers who take a personal interest in each student, offering mentorship and career guidance. They also are active researchers with contacts in business, health care, defense, aerospace, multimedia, and other disciplines.

Research and Experience

Computer science majors have excellent opportunities to engage in internships and get research training in many different fields. Recent students have interned with developers in the commercial sector, federal agencies such as the Department of Transportation and the National Science Foundation, and scientific institutions such as NASA and Oak Ridge National Labs. Students also have opportunities to secure cooperative work-study arrangements that last a year or run through the summer and fall semesters.

