At a Glance

Fast Facts about CUA
- Average GPA: 3.36
- 55 percent female, 45 percent male
- 21 NCAA Division III men’s and women’s teams
- More than 60 student clubs and organizations
- CUA professors received D.C. Professor of the Year awards six times in nine years

Fast Facts about Engineering
- Degrees in biomedical, civil, electrical, and mechanical engineering, and computer science
- Five-year joint B.S./M.S. degree
- Student/Faculty ratio: 10:1
- Internships and co-op programs in D.C.
Computer Science at CUA

The undergraduate program leading to the degree of Bachelor of Science in Computer Science prepares students for direct entry into a computer science career or for further studies at the graduate level.

Our program prepares students to face a rapidly evolving world in which computers play an ever-present role, as witnessed by the explosive growth of mobile devices, desktop workstations, and backbone network infrastructure, permeating all sectors of society. Our program emphasizes fundamentals geared towards the future, while enabling students to develop critical thinking and an appreciation for lifelong learning.

Why Computer Science?

Computer science serves as a gateway to many exciting areas of scientific development, including artificial intelligence, machine learning, medical diagnostics, mobile and wireless application development, information forensics and security, and social networking. Computer science graduates have been in very high demand over the past decade, and the field ranks among the best-paid professions in today’s job market.

Hands-on laboratory, programming, and design experiences are fully integrated throughout the four years of our program, culminating in the year long Senior Design Project. Considerable effort has been devoted in recent years to revamping our course offerings in computer graphics, mobile programming, network and information security, software engineering, and hardware-accelerated computing. Senior design projects are closely allied with faculty research themes, offering students unique access to emerging and cutting-edge fields.

The CUA Experience

Students are the highest priority at CUA, a research-oriented university located in the nation’s capital. Students have more than 80 campus organizations, from sports teams to pre-professional groups, to choose from. The University also offers extensive internship opportunities and education abroad programs that help students prepare for careers while enjoying a well-rounded college experience.

Campus and City Life

CUA’s 180-acre campus combines the best of both campus and city living. Student life is dynamic in a city famous for museums, theaters, historic monuments, and concert halls. Most attractions are minutes away by Metrorail, with the CUA/Brookland station just steps away from the engineering building.

CUA’s extensive athletic program includes women’s and men’s basketball, track and field, tennis, soccer, lacrosse, and swimming, along with men’s football and baseball, and women’s softball, field hockey, and volleyball. The Raymond A. DuFour Athletic Center and Eugene I. Kane Student Health and Fitness Center offer students an assortment of collegiate and intramural activities and exercise options.