

# Bachelor of Science in Applied Computer Science Cybersecurity

## Frequently Asked Questions

Prospective students often ask how long the **Bachelor of Science in Applied Computer Science** takes to complete, what the program costs and if financial aid is available, and if the degree is awarded through UofSC Aiken.

You can find answers to these questions below.

- Completion time varies based on already accumulated general education credits and courses necessary to complete the major concentration. The degree requires 120 credit hours. It is up to the student and advisor to decide the appropriate number of hours to take each semester.
- Students are eligible to receive applicable federal and state financial aid assistance. Current fees and tuition rates can be viewed at [www.palmettocollege.sc.edu](http://www.palmettocollege.sc.edu).
- The degree is awarded by the University of South Carolina Aiken and meets the same rigorous standards and accreditation as any traditional degree from UofSC.

## Prepare for Your Future

The UofSC Aiken Bachelor of Science in Applied Computer Science, with a concentration in Cybersecurity, is designed to provide students with the knowledge to work with data structures, algorithmic design, information security, software engineering, and take courses on discrete math and survey of calculus. Your applied computer science degree from UofSC Aiken will prepare you to defend the digital world.

## Why should I complete a bachelor's degree in applied computer science?

Every industry and private citizen is counting on our cybersecurity and information assurance experts to detect system vulnerabilities and protect sensitive data. An applied computer science degree, concentrating in cybersecurity, allows you to become a crucial member of any security team, protecting reputable organizations and government agencies from attackers. A career in cybersecurity is lucrative, rewarding, and always exciting.

## Why should I complete a degree online from UofSC Aiken through Palmetto College?

The programs are developed and taught by the same professors who teach statewide in the nationally renowned UofSC system. As a Palmetto College student, you'll have access to the university's academic resources. And best of all, when you're finished with the program, you'll graduate with a degree from a top-notch, nationally recognized university!

## For More Information

### USC Palmetto College Enrollment Services

University of South Carolina,  
Palmetto College  
1600 Hampton Street,  
Columbia, SC 29208

Email: [pcadmissions@sc.edu](mailto:pcadmissions@sc.edu)  
Phone: 888-801-1053





The mission of cybersecurity is to protect the availability, confidentiality, and integrity of information and information systems.



The need for cybersecurity will continue to grow as our world becomes more digitally connected. With innovative cloud computing comes a need for information security - for our government agencies, our trusted companies, and our own personal data.

## Prerequisites and Requirements

**To apply for this online degree program, students must have:**

- 45-60 credit hours from a regionally accredited institution
- Minimum 2.0 cumulative GPA
- Completion of the following courses:
  - Composition
  - Composition and Literature
  - Survey of Calculus (or higher-level Calculus)
  - Natural Science with a Lab
  - Humanities
  - World Civilization
  - American History or American Government

## Curriculum

Students graduating from our program will have the skills needed to succeed in the field of Cybersecurity.

**The curriculum includes coursework in the following disciplines:**

- Computer Systems and Organization - **9 credit hours**
- Algorithm and System Design - **17 credit hours**
- Software Engineering - **6 credit hours**
- Data Security - **12 credit hours**
- Cyber Defense - **7 credit hours**