



CLEMSON



UNDERGRADUATE PROGRAM

# SCHOOL OF COMPUTING

2020  
UNDERGRADUATE  
ENROLLMENT:

1,014

UNDERGRADUATE  
DEGREES OFFERED:

3

**C**omputing includes the design and development of software and hardware systems and the study of how people and organizations use and benefit from these systems. The School of Computing offers three undergraduate programs of study: an ABET-accredited Bachelor of Science in Computer Science, a Bachelor of Arts in Computer Science for students who seek a more liberal arts approach, and a Bachelor of Science in Computer Information Systems

for students who seek business education along with computing. Three minors are available: Computer Science, Cybersecurity, and Digital Production Arts.

Graduates can go on to graduate school or can enter careers in several areas including artificial intelligence, cloud computing, cybersecurity, data science, digital production arts, human-computer interaction, the Internet of Things, software engineering, and more!



## THE SCHOOL OF COMPUTING AT CLEMSON

Computing at Clemson offers an internationally recognized faculty that prides itself on the quality of its teaching and a wide range of research areas. All computing undergraduate majors take a common computing core curriculum, which exposes students to a variety of programming languages (e.g., C, C++, and Java) and fundamental concepts. Each degree then builds on the core with a different combination of additional coursework.

[computing.clemson.edu](http://computing.clemson.edu)

# SCHOOL OF COMPUTING

## PROGRAM DETAILS:

### LABS AND FACILITIES FOR HANDS-ON TRAINING

School of Computing majors have access to four dedicated instructional computer labs with 24-hour building access. In addition, specialized equipment is available for advanced courses including green screen, the Internet of Things, motion capture, and virtual reality headsets. High performance computing and data analytics facilities are available through the Clemson Palmetto supercomputer.

### CLUBS AND ORGANIZATIONS

Computing clubs and organizations include:

- Assoc. of Computing Machinery (ACM)
- CUhackit
- CU Cyber
- Girls Who Code — Clemson College Loops
- International Society of Blacks in Computing (ISBIC)
- Upsilon Pi Epsilon (UPE)
- School of Computing Graduate Student Association (SOCGSA)
- Clemson Association for Information Systems (AIS)

### GLOBAL ENGAGEMENT

Recent School of Computing majors have incorporated study in many countries including Australia, Germany, Ireland, Japan, New Zealand, South Africa, and Spain. The College of Engineering, Computing and Applied Sciences' Global Engagement is available to assist students in determining a study abroad location best suited for their interests.

### GRADUATE AND PROFESSIONAL SCHOOL OPPORTUNITIES

Graduates of our ABET-accredited BS CS program are especially well prepared for graduate studies at institutions across the globe and many find opportunities for graduate study at Clemson. The School of Computing offers seven graduate programs in Computer Science, Human-Centered Computing, Digital Production Arts, and Biomedical Data Science and Informatics.

### BEYOND THE CORE

Classes beyond the core are offered in many areas, and new ones are created regularly to meet the dynamic, changing field of computing. Examples of electives include 2D game engine construction, applied data science, cloud computing, computer security principles, distributed and cluster computing, eye tracking methodology, human and computer interaction, mobile device software development, system administration and security, usable privacy and security, and virtual reality.

### UNDERGRADUATE RESEARCH

Students can find opportunities for research by talking directly with faculty and via the School of Computing Job Board and Info Board.

### INTERSHIPS AND PROFESSIONAL EMPLOYMENT

We are regularly contacted by companies (see list on right) seeking interns and candidates for professional employment. About three-fourths of recently surveyed students participated in at least one internship.



More info at: [computing.clemson.edu](http://computing.clemson.edu)



### UNDERGRADUATE DEGREES

- The BS in Computer Science degree includes a wide-variety of computer science coursework as well as enhanced math and science courses.
- The BA in Computer Science degree adds on proficiency in a modern language, a required minor, and maximized flexibility in choosing upper-level computer science coursework.
- The BS in Computer Information Systems enhances the core curriculum with a variety of upper-level coursework in computing, business, and information systems.

### MINORS

- Computer Science
- Digital Production Arts (Combines artistic and technical disciplines)
- Cybersecurity

### EMPLOYERS

Recent School of Computing graduates have found employment at:

- Ally Financial
- Amazon
- Apple
- Bank of America
- Benefit Focus
- Blackbaud
- BMW
- Boeing
- Capgemini
- Delta Air Lines
- Facebook
- General Electric
- Google
- LexisNexis
- Michelin
- Microsoft
- NCR
- NetApp
- Oak Ridge National Laboratory
- Sandia National Laboratory
- Savannah River National Laboratory
- The Home Depot
- United States Army
- Vanguard
- VMWare



The Computer Science BS degree at Clemson University is ABET accredited.