Clemson University’s School of Computing is accepting applications for students seeking a doctoral degree (Ph.D.) in computer science.

**Designed for Working Professionals**
This graduate program is designed to meet the needs of working professionals. Offered at the Zucker Family Graduate Education Center in North Charleston, classes are taught by Clemson faculty both in a traditional face-to-face classroom format and in “real-time” streaming to and from Clemson’s main campus.

Classes are held mostly in the late afternoon and early evening, either once or twice per week. Lectures are recorded and cloud archived for 24/7 retrieval, allowing students to make progress and view class lectures regardless of job or personal obligations. Faculty are available for both in-person and online office hours, at scheduled times and by appointment.

**The Program**
The Ph.D. in computer science prepares individuals for research careers in industry or academia. Students will graduate with a strong foundation in computer science, practical experience in implementing software systems and the ability to perform original research.

**Assistantships**
Graduate assistantships for both research and teaching within the School of Computing are highly competitive. Full-time students who have been admitted should contact the graduate coordinator if interested in an assistantship.

For more information or to apply, visit [clemson.edu/cecas/charlestondegrees](http://clemson.edu/cecas/charlestondegrees).
Unique Research Opportunities

Students enrolled in this program will have the opportunity to conduct research in collaboration with faculty advisors both on the main Clemson campus and in Charleston. Faculty in the School of Computing are split into three primary divisions: Computer Science, Visual Computing, and Human-Centered Computing (which has its own Ph.D. program). Areas of interest among the faculty are quite broad, including:

- graphics & animation,
- sensor networks,
- algorithms & optimization,
- software engineering,
- data mining,
- machine learning,
- high performance computing,
- big data analytics,
- security & privacy,
- eye tracking,
- computer science education,
- networking,
- bioinformatics and much more.

Computer science students also have the opportunity to work closely with faculty and researchers in the Department of Electrical and Computer Engineering, and the energy systems programs in Charleston.

Graduation Requirements

Students may enter the Ph.D. program with or without a prior master’s degree in computer science.

The program for students who enter without a master's degree in computer science includes 30 credit hours of graduate-level computer science courses, at least 24 of which must be at the 8000-level. Up to six hours of transfer credit may be accepted.

Students who enter with a master’s degree in computer science will complete the common requirements listed below and 12 credit hours of graduate computer coursework beyond the M.S.

Common requirements for students pursuing the doctoral degree include:

- Intro to faculty research (1 credit)
- Research experience (3 credits)
- Doctoral research (18 credits)
- Ph.D. seminar courses (6 credits)
- Comprehensive exam / portfolio review
- Dissertation proposal
- Dissertation defense

Application Process

Prospective students are highly encouraged to talk with a computer science graduate program coordinator to discuss the program requirements, curriculum, expectations and the admissions process.

To Learn More

Email: charleston_grad@cs.clemson.edu
Website: clemson.edu/cecas/charlestondegrees

Jacob Sorber and his team make embedded systems, mobile sensors and wearable devices smaller, more efficient, longer-lasting and easier to deploy at lower cost.