

Computer Engineering

Bachelor of Science

Description

The BS Computer Engineering program provides students with marketable degrees in fields much in demand enabling them to attain high-paying jobs and pursue successful careers. Given how central technology is to the economy and society more broadly, engineering graduates have a singular ability to attain leadership roles in a diverse array of workplace settings. The ongoing fourth industrial revolution is likely to ensure that technology will impact an increasing number of daily activities due to the rapid adoption of inter-connected and networked devices. Human dependence on technology will spawn even more technologies and increase demand for those who can produce new technology products and services. Carolina University's integrated BS and MS engineering programs will empower graduates to be at the forefront of Industry 4.0 (or 4IR) and create a new generation of influential leaders equipped with a distinctive ethics and worldview.

The programs are offered as integrated BS and MS degrees enabling students to complete a master's degree in five years of full-time study. Students can exit with a BS degree if they complete 123 credits or continue on to finish an MS degree by taking 156-160 credits. Students who already possess a BS in the relevant area can enter directly into the MS program and graduate after completing 48 credits.

The BS Computer Engineering program is differentiated in many aspects. For instance, the integrated option of obtaining a master's degree in five years is very attractive and only offered by a few schools. Secondly, the program is differentiated by a substantially more affordable tuition rate – critical at a time of booming college debt and growing concerns about equity and access. Carolina University's new program puts a highly valuable degree program within the reach of a wider pool of aspirants who do not have the financial means to pursue such studies at the more expensive institutions. Furthermore, our emphasis on building capabilities of students who may not have experienced the benefits of sound preparation due to economic hardships, is different to the educational philosophy at other engineering programs that are not geared towards addressing the deficits of such students. Finally, Carolina University's engineering program integrates internships and work-integrated learning as essential components in order to build workplace skills and enhance employability.

Admissions Requirements

- A high school diploma or GED
- GPA of 2.0 or higher
- Official transcripts from all previously attended schools
- Completed application with Carolina University

Graduation Requirements

In order to become a candidate for graduation a student:

1. Shall have completed a minimum of 30 credit hours at CU;
2. Shall have maintained a minimum academic average of C (higher for some programs);
3. Shall have passed all courses in his/her curriculum and made a C or better in key courses designated as essential in each program;
4. Shall have completed at least 24 of the final 30 hours with Carolina University.