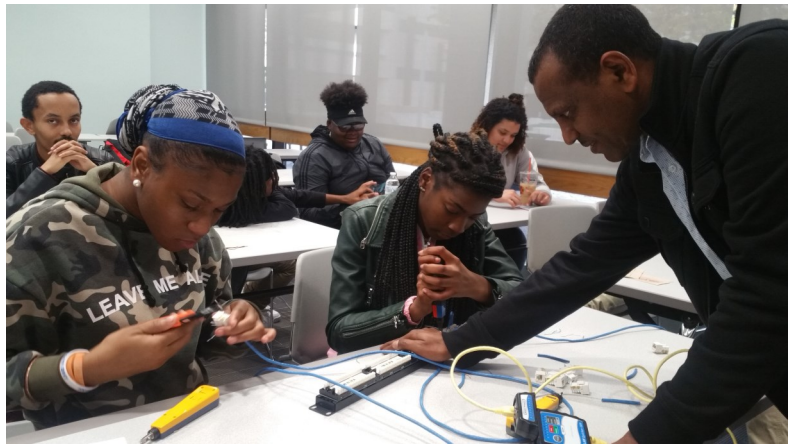


# Computer Science

## Bachelor of Science

ABET-ACCREDITED



### Program Overview

Computer Science (CS) has become increasingly essential in almost every industry. Computer Scientists are needed to create technology and systems in a wide range of industries such as science, medicine, aviation, business, entertainment, manufacturing, and communications. Computer Science research spans computing theory and practice and leads to state-of-the-art technologies that change the world, including the personal computer, Internet, cell phone, and social media. Although there have been impressive achievements in the field, we know there can be much more in collaboration with other fields, such as art, social sciences, engineering, and natural sciences.

Why study Computer Science? Computer Science is an incredible field. Computer Science graduates are in very high demand, and their salaries are very competitive from the start. While many Computer Science graduates work in the computing industry, some go on to enter careers in business, law, and other professions.

UDC's Bachelor of Science in Computer Science program prepares nationally and internationally competitive graduates to meet the needs of the current and future technology era.

Computer Science students work with the department's faculty on interesting research challenges in various areas spanning databases, algorithms, artificial intelligence, robotics, networking and security, software engineering, and cloud computing. We prepare our students to enter the computing profession or to proceed to graduate programs in computer science.

### Total 120 credit-hour program consists of:

Students must take general education requirement courses and computer science major courses (a total of 120 credit hours of college-level courses).

There are 12 general education requirements and 26 major requirements.

As part of the major requirements, there are 24 core courses, 1 security elective and 4 CS electives.

Please note that 4 major requirement courses are considered as general education requirements.

For graduation, students must pass all major required courses with a grade of C or above.

### WHY COMPUTER SCIENCE AT UDC?

- ✓ **ABET Accredited Program**
- ✓ **Affordable and accessible** — *lower tuition fees compared to other schools*
- ✓ **Student-focused campus mission**
- ✓ **Diverse student body**
- ✓ **High faculty to student ratio**
- ✓ **Small classes** — *average is less than 15 students*
- ✓ **Convenient to DC area residents**
- ✓ **Part of a consortium of 17 schools**
- ✓ **Covers a wide range of computer science and cybersecurity topics**
- ✓ **Career Center Services** *including resume writing assistance, interviews, networking opportunities, internship and job*

**ASPIRE. ACCOMPLISH. TAKE ON THE WORLD.**

## WHY A BS IN COMPUTER SCIENCE AT UDC?

- UDC's Computer Science program is ABET-accredited
- Student-focused
- Affordable and accessible
- Covers a wide range of CS topics
- Average class size is around 20
- Lower tuition fees compared to other schools
- Research opportunities for undergraduates
- Scholarship opportunities
- Convenient to Metropolitan DC Area residents

## What makes the UDC Computer Science program different?

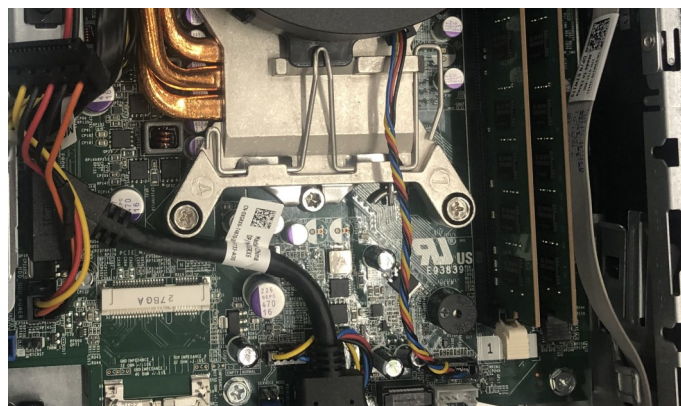
The computer science program at UDC is designed with the success of individual students in mind. With smaller class sizes, students benefit from a personal teaching environment and individual attention.

## How will my credits transfer?

Once you are enrolled, a Computer Science faculty member will evaluate your previous courses and academic record and let you know about transfer credits.

## May I speak to a current UDC student?

Contact the undergraduate program director to be connected with a continuing or recently graduated student who will share their experience with you.



*"I couldn't have done it without the great resources and opportunities provided to me at UDC. UDC has been a great place to do undergraduate work and I hope this award is an indicator of that reality."*

*~ NATHAN KEEGAN. A recipient of the Boren Fellowship*

For more information about BS in Computer Science visit

*CSIT Department's web site: <http://csit.udc.edu>*

Department Chair and Program Director, Dr. Dong Jeong

*202-274-6292, [djeong@udc.edu](mailto:djeong@udc.edu)*

