

# COMPUTER SCIENCE

## 2 YEARS AT NOVA THEN TRANSFER TO 4-YEAR

### What Is Computer Science?

Computer Science (CS) focuses on the study of algorithms, programming languages, and software development. Topics studied in CS include programming, data structures, AI, and computer graphics. Computer scientists develop software and applications that run on computer systems and networks, as well as machine learning and natural language processing.

### What is CS Right For You?

Computer Science is a theoretical field that fits well with students who like programming and math. It is more creative and analytical than hands-on, a good fit for students who like to come up with creative solutions to real-world problems in many different fields related to computers, such as AI, cybersecurity, software engineering, web development and more.



- If you like creative thinking with math and algorithms, CS is a better option than Information Technology.
- Computer Science at NOVA is designed primarily for transfer to a 4-year college or university.
- NOVA has guaranteed admission agreements with all 4-year public institutions in VA, especially GMU.

## Why Come to NOVA?

NOVA is one of the largest community colleges in the country, with more than 70,000 students and over 2,600 faculty and staff members. We welcome students of all ages from all backgrounds with the goal of ensuring **every student succeeds, every program achieves, and every community prospers**. NOVA is the largest supplier of tech talent in the country and has exceptional educational value: Yearly tuition is less than \$6,000 and there are scholarship opportunities to offset the already low cost.

**By studying computer science (CS) at NOVA, you'll be prepared to seamlessly transfer to George Mason University or another four-year institution to complete your bachelor's degree. You'll also be well positioned for an an entry-level job as a programmer.**

## Computer Science at NOVA

**NOVA's 2-Year Associate Degree (A.S.)** is primarily designed for you to transfer to a bachelor's degree program at a 4-year college or university.

At NOVA, you'll take classes in programming, algorithm analysis, calculus, and more, acquiring the knowledge and skills you need to understand computers and how to implement processes on them. You'll develop and implement algorithms in a high-level computer language and evaluate them for complexity and efficiency, developing critical thinking and mathematical skills that are vital for solving complex processes.

You'll learn from brilliant and accessible NOVA CS faculty who bring a wealth of understanding, knowledge and experience to the classroom.

## Interested? Next Steps:

Check out NOVA's Computer Science Webpage:  
>> <https://bit.ly/NOVACompSci>

Talk to a NOVA IET (Information and Engineering Technologies) Advisor at [ietadvising@nvcc.edu](mailto:ietadvising@nvcc.edu)

APPLY TO NOVA >> <https://www.nvcc.edu>

Check out your financial aid options at NOVA:  
>> <http://bit.ly/NOVAFinAid>

See if you are eligible for G3 TUITION ASSISTANCE, for students who qualify for state financial aid with a household income that's less than \$100,000:  
>> <https://bit.ly/G3Tuition>

Apply to the WIOA YOUTH PROGRAM, which provides career coaching/mentorship, FREE skills training, PAID work experience, internships, and more:  
>> <https://vcwnorthern.com/wioayouth/>

## Computer Science

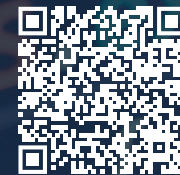
# SALARY National Avg/Year

# \$83,109

ZipRecruiter 2024. Average yearly salary HIGHER in Northern Virginia.



Apply To NOVA



NOVA's CS Page



IET Newsletter

# NOVA

 | Northern Virginia  
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