GRADUATE PROGRAM IN COMPUTER SCIENCE

COMPUTER SCIENCE, M.S.

WWW.HOOD.EDU/CS

"I chose to pursue my master's in computer science at Hood College because I appreciated the welcoming staff and supportive student environment. Additionally, the program provided a good balance of flexibility and structure well-suited to working professionals."

Omar Aboul-Enein
Computer Science, M.S.'21

COMPUTER SCIENCE AT A GLANCE

From software engineering and data science to artificial intelligence and cybersecurity, computer science encompasses a vast range of technological areas. Our program integrates foundational topics and skills in programming, data structures and algorithm analysis all the way to advanced topics in artificial intelligence and machine learning. With two optional specializations, one in data science and another in cybersecurity, a master's degree in computer science will qualify you to enter one of the fastest growing and most competitive career fields.

UPGRADE YOUR EDUCATION

CROSS-DISCIPLINARY TRAINING
Coursework in computer programming, software engineering, operating systems, parallel computing and more.

CHOOSE YOUR CONCENTRATION
Two tracks in data science or cybersecurity allow you to customize your learning experience.

UNIQUE ELECTIVES
Choose from completing a thesis, fieldwork or final project.
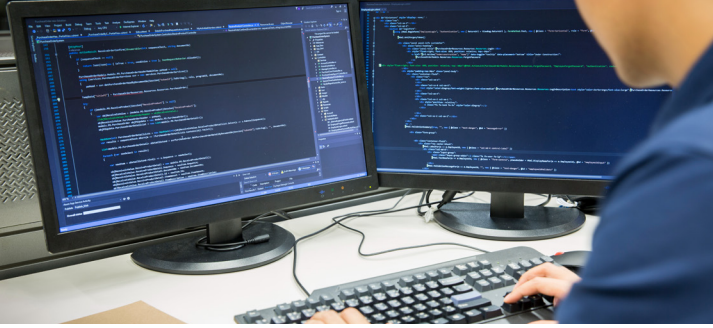
DUAL CERTIFICATE
You may option to complete a certificate in cybersecurity.

FLEXIBILITY
Evening classes accommodate working professionals.

CAREERS IN COMPUTER SCIENCE

GROWING WORKFORCE

The Bureau of Labor Statistics projects 13 percent growth for jobs in computer and information technology over the next decade, with a median annual income of more than $126,000.

CROSS-INDUSTRY POTENTIAL

Computer science graduates are in high demand for a wide range of industries.

- Web design and IT
- Telecommunications
- Financial services
- Aerospace and defense

LOCAL CONNECTION

Lockheed Martin, Life Technologies, Amazon, National Cancer Institute, and the National Institute of Standards and Technology are among numerous businesses and government agencies actively recruiting computer science specialists in our region.

HOOD GRADS GO FURTHER

Our alumni work as software developers, technology consultants, data mining analysts, chief information officers and more.

THE HOOD EXPERIENCE

AFFORDABLE

- Our tuition rates are among the lowest in the region.
- You may qualify for an annual tuition discount of $1,000 through our NeighborHOOD Partners Program.

EXPERT FACULTY

- Our distinguished professors are practitioner-based and maintain industry connections in their respective fields.
- Small class sizes and a low student-to-teacher ratio ensure our students receive personalized attention.

DIVERSE AND INCLUSIVE

Our graduate school population comprises more than **1,000** students from **19** states and **25** different countries. We welcome students from all backgrounds, regardless of race, gender or gender identity, age, nationality, socio-economic status or other demographic factors.

CONVENIENT LOCATION

Our scenic campus is located in the heart of historic Frederick, with easy access to shops, restaurants, galleries and more. Close proximity to the I-270/I-70 corridor connects students with the greater metro area, including Baltimore and Washington, D.C.

THE GRADUATE SCHOOL AT HOOD COLLEGE

401 Rosemont Ave.,
Frederick, MD 21701
301-696-3600 or 800-922-1599
gofurther@hood.edu
hood.edu/graduate

APPLICATION DEADLINES

SPRING
December 1 (November 1 for international applicants)

SUMMER I SESSION
May 20 (April 20 for international applicants)

SUMMER II SESSION
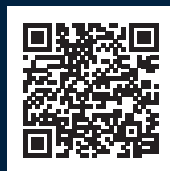June 30 (May 30 for international applicants)

FALL
August 15 (July 15 for international applicants)

Rolling admissions accepted year-round.

ARE YOU READY TO GO FURTHER?

The process is fast and easy!

Apply Today
hood.edu/gradapply

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