



Associate in Science

Benefits of Computer Science

The Computer Science Curriculum provides a strong foundation for students interested in transferring to a bachelor's degree in computer science or other computer-related fields or entering the workforce.

The combination of theoretical and applied courses provides the student with the concepts and reinforces them with hands-on experience.

The curriculum has been strongly influenced by the Association of Computing Machinery's (ACM) guidelines for associate degrees in software. Students completing this curriculum will have knowledge in the following areas:

- Programming language such as C++ and Java
- Data Structures such as stacks, queues, and linked lists
- Object oriented programming
- Systems Analysis based on UML
- Database design and management

Choose Community

Choose Nashua Community College and experience what community really means: support, connection, security, opportunity.

Course Schedule

Program Outcomes



Career Possibilities

Potential Salary



Apply to NCC



Estimated cost of program Tuition only:

- In-State **\$17,482**
- NE Regional **\$21,272**
- Out-of-State **\$31,960**

Visit nashuacc.edu or speak with an Enrollment Specialist by calling 603.578.8908 to begin!

First Year - Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
ENGL101N	College Composition	4	0	4
CSCI106N	Introduction to Computer Science	3	0	3
CSCI161N	Introduction to Programming	2	2	3
	MATH110N or MATH120N or MATH210N			4
	Humanities/Fine Arts/Philosophy or Global Awareness			3

First Year - Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
CSCI140N	Essentials of System Analysis & Design	2	2	3
CSCI170N	Linux Essentials	2	2	3
CSCI175N	Programming Using C++	2	2	3
	MATH120N or MATH210N or MATH211N			4
	English/Communications Elective			3

Second Year - Fall Semester

Recommended Lab Science courses are Calculus-Based Physics I and Physics II for Associate in Science Degree in Computer Science and Mathematics

Item #	Title	Class Hours	Lab Hours	Credits
	CSCI109N or CSCI120N			3
CSCI207N	Database Design & Management	2	2	3
CSCI230N	Object Oriented Programming Using: C++	2	2	3
MATH170N	Discrete Mathematics	4	0	4
	Science Elective			4

Second Year - Spring Semester

For Computer Science Degree, Includes CSCI, CSCN, ELET, MATH, or BCPT courses or [PHYS130N](#), [PHYS131N](#), [PHYS230N](#) or [PHYS231N](#).

Item #	Title	Class Hours	Lab Hours	Credits
CSCI278N	Data Structures Using C++	2	2	3
	Elective in Major			3-4
	CSCI290N or CSCI285N			3
	Behavioral Social Science Elective			3
Total Credits				62-63

NON-DISCRIMINATION POLICY

The Community College System of NH does not discriminate in the administration of its admissions and educational programs, activities, or employment practices on the basis of race, creed, color, religion, ancestry or national origin, age, sex, sexual orientation, gender identity and expression, physical or mental disability, genetic information, or law enforcement, military, veteran, or marital status. This statement is a reflection of the mission of the Community College System of NH and refers to, but is not limited to, the provisions of the following laws:

- Title VI and VII of the Civil Rights Act of 1964, as amended
- The Age Discrimination in Employment Act of 1967 (ADEA)
- Title IX of the Education Amendment of 1972
- Section 504 of the Rehabilitation Act of 1973
- The Americans with Disabilities Act of 1990 (ADA)
- Section 402 of the Vietnam Era Veteran's Readjustment Assistance Act of 1974
- NH Law Against Discrimination (RSA 354-A)
- NH Law RSA 188-F:3-a.
- Genetic Information Nondiscrimination Act of 2008

Inquiries regarding discrimination may be directed to Sara A. Sawyer, Director of Human Resources for the Community College System of NH, 26 College Drive, Concord, NH 03301, 603-230-3503. Inquiries may also be directed to the NH Commission for Human Rights, 2 Industrial Park Drive, Concord, NH 03301, 603-271-2767, FAX: 603-271-6339; and/or the Equal Employment Opportunity Commission, JFK Federal Building, 475 Government Center, Boston, MA, 02203, 617-565-3200 or 1-800-669-4000, FAX: 617-565-3196, TTY: 617-565-3204 or 1-800-669-6820.