



## Associate in Science

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Course Schedule

Program Outcomes



### Why choose Computer Science?

The Computer Science degree program provides a strong foundation for students interested in transferring to a four-year bachelor degree program in Software Development, Computer Science or other Computer Related Fields.

Upon completion of the program, graduates will have knowledge in:

- Programming language such as C++
- Data Structures such as stacks, queues, and linked lists
- Object oriented programming
- Systems Analysis including Data Flow & Use Case/Class design
- Database design and management
- Overview of basic networking
- Ability to think critically
- Ability to solve problems
- Ability to effectively work as a member of a team

Career Possibilities

Potential Salary



### Estimated cost of program Tuition and \*fees only:

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

Apply to NCC



### Choose Community

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

Visit [nashuacc.edu](http://nashuacc.edu) or speak with an Enrollment Specialist by calling 603.578.8908 to begin!

### Register

Register for all of the courses recommended each semester. Take at least 14-16 credits each semester to graduate in two years. A higher percentage of students graduate when they complete 30+ credits within their first year. (Research by Complete College of America)

## 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 Core and Elective Requirements			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 Core Requirement			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
	CSCN290N or CSCI285N			3
	Behavioral Social Science Core Requirement			3
<b>Total Credits</b>				<b>64</b>

### 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.