NEW YORK TECH

225 NY Tech
Manhattan, New York, 10018

Computer Information Science majors can focus their studies in system software, information systems or computer and network security.

The languages of instruction are C++ and Java. Students also use LISP for courses in Artificial Intelligence.

Careers related to computer information science are routinely found On various "best jobs" lists because of their outstanding combination of excellent pay, satisfying work life balance and personal reward in Seeing the great impact of computing throughout society.

General Education Courses (20 Credits required)
Consult your advisor for help

Liberal Education Courses (20 Credits required)
Appointment with advisor is strongly encouraged

Major Requirements (68 credits required)

CS2510 Computer Programming 1(4)

CS2511 Computer Programming II (4)

CS3620 Computer Architecture I (4)

CS3810 Data Structuees and Algorithms (4)

CS 3910 Java and Object Oriented Programming (4)

CS4100 Technical Communications (4)

CS4501 Software Engineering (4)

CS4550 Database Management Systems (4)

CS 4720 Internet and Web Technlogies

CS 5910 System Design and Implementation (4)

Required Elective Courses: 12 credits

Take any three of the following courses:

CS 4400 Artificial Intelligence (4)

CS4705 Computer Security (4)

CS4710 Applied Cryptography (4)

CS5610 Operating Systems (4)

CS5710 Computer Networks (4)

CS5720 Advanced Java Programming and Application (4)

CS5730 Computer Network Security (4)

CS5810 Data Mining (4)

Any 4000 or 5000 level CS Course(4)

Required Mathematics Courses : 16 Credits

MA2310 Calculus and Analytic Geometry 1 (4)

MA3030 Discrete Mathematics (4)

MA3210 Introduction to Probability and Statistics (4)

MA3160 Linear Algebra 4 or MA4100 Number Theory (4)

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