Interdisciplinary Major in Computer Science: Major Requirements

Version: 9.23.14

Major Prerequisite

CS 1110 Introduction to Programming

or

Previous programming experience in Java

CS 2330 Digital Logic Design

CS 2110 Software Development Methods

CS 2330 may not be a necessary prerequisite for Fall versions of CS 3330

Any introductory computing course (including CS 1110) satisfies the prerequisite for CS 2102

CS 3330 Computer Architecture

CS 2150 Program and Data Representation

CS 2102 Discrete Mathematics

Distinguished Major Program
Apply by the end of 3rd year
cs.virginia.edu/ba/distinguished-major.html

CS 4102 Algorithms

CS 3102 Theory of Computation

Checklist

Prerequisite: CS 1110 or comparable experience

Major Declaration (after completing prerequisite)

Core Required Classes

- cs2110
- cs2102
- cs2150
- cs3330
- cs4102

Computing Electives (4 total)

- Any other CS3xxx or higher course (or CS2330)

Integration Electives (4 total)

cs.virginia.edu/ba/integration.html