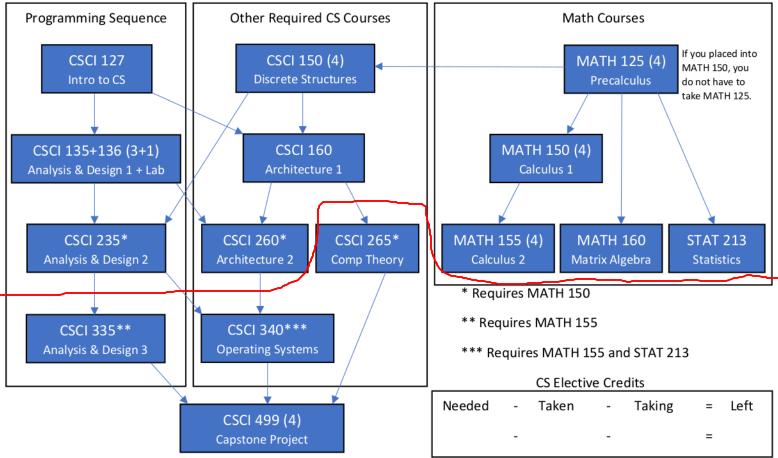# COMPUTER SCIENCE MAJOR DEGREE PLANNER

This is meant to be used as a quick reference only. Make sure to consult the Hunter College Undergraduate Catalog for the year in which you declared your major, as well as the paperwork you received when you declared your major.

Course names and numbers have been shortened to better fit in the diagram and may not match the official names and numbers in the course catalog. For example, CSCI 235 is really CSCI 23500, and it's "Software Analysis and Design II".

Parentheses denote the number of credits – classes without them are each 3 credits.

Programming Sequence

- **CSCI 127** — Intro to CS
- **CSCI 135+136 (3+1)** — Analysis & Design 1 + Lab
- **CSCI 235*** — Analysis & Design 2
- **CSCI 335**** — Analysis & Design 3

Other Required CS Courses

- **CSCI 150 (4)** — Discrete Structures
- **CSCI 160** — Architecture 1
- **CSCI 260*** — Architecture 2
- **CSCI 265*** — Comp Theory
- **CSCI 340***** — Operating Systems
- **CSCI 499 (4)** — Capstone Project

Math Courses

- **MATH 125 (4)** — Precalculus
- **MATH 150 (4)** — Calculus 1
- **MATH 155 (4)** — Calculus 2
- **MATH 160** — Matrix Algebra
- **STAT 213** — Statistics

If you placed into MATH 150, you do not have to take MATH 125.

* Requires MATH 150

** Requires MATH 155

*** Requires MATH 155 and STAT 213

CS Elective Credits

Needed	-	Taken	-	Taking	=	Left
	-		-		=	

You also need 12* credits of valid CS electives (typically those numbered 267 or greater; restrictions may apply).
*13 if you took a 3-credit CSCI 150; 11 plus CSCI 360 if you declared your major when CSCI 360 was required.

CSCI 127, CSCI 136, and MATH 125 do not count towards the major but are required prerequisites or corequisites. All other classes listed here must be passed with a C or better (CRs do not count).

Courses in the Programming Sequence typically focus strongly on programming. The other required CS courses typically require less programming, or none, depending on the course. Instructors at Hunter College are given a healthy degree of academic freedom, thus there could be some class sections that do not follow the general rule.