B.A. in Computer Science Track.
14 Courses, 49 Credits, 3 Years

NOTE: Requires General CORE of Yeshiva College

Year	Fall	Spring
1	Intro to C.S. (COM 1300)	Data Structures (COM 1320)
	Calculus I (MAT 1412)	***Linear Algebra (MAT 2105)***
		Mathematics for Computer Science (COM 1310)
2	Introduction to Algorithms (COM 2545)	Design & Analysis of Algorithms (COM 2546)
	Computer Organization (COM 2113)	Operating Systems (COM 3610)
	Programming Languages (COM 3640), if offered	
3	((Intro to Distributed COM 3800 & Advanced Distributed COM 3810) **OR** (DB Impl - COM 3563 **OR** Parallel COM 3820) & Modern Data Mgmt (COM 3580))	
	Mathematical Foundations of Machine Learning (COM 3910)	Machine Learning (COM 3920)
	Programming Languages (COM 3640), if not offered in year 2	

Recommended: Networking (COM 2512), Cybersecurity (COM 4580)

Updated: November 20, 2020