Computer Science Semester V2

	Fall						Spring					
Year 1	CSC	1001	Problem Solving for Programming'	2	2	3	CSC	1110	Software Development	3	2	4
	MTH	1080	Precalculus Mathematics	4	0	4	MTH	1110	Calculus I	4	0	4
	CHM	1310	Chemistry of Food Molecules	3	2	4	COM	2001	Writing for the STEM Disciplines	3	0	3
	COM	1001	College Writing	3	0	3	IDS	2020	Career Development	1	0	0
	CSC	1000	First Year Seminar – Computing	1	0	1			Elective (Exhibit Curiosity)	3	0	3
			Year 1 – Fall – 13-4-15						Year 1 – Spring – 14-2-14			
Year 2	CSC	1120	Data Structures and Graphical Interfaces	3	2	4	CSC	2623	Exploring Data	2	2	3
	CYB	2001	Intro to Cybersecurity Principles	3	0	3	SWE	2712	Software Tools and Process	2	2	3
	MTH	1120	Calculus II	4	0	4	MTH	2810	Linear Algebra and Optimization	4	0	4
	BUS	2411	Building Inclusive Teams	3	0	3	COM	3001	Professional Presentations	3	0	3
									Elective (Free)	3	0	3
			Year 2 – Fall – 13-2-14						Year 2 – Spring – 14-4-16			
Year 3	CSC	3601	Foundations of ML	2	2	3	CSC	4603	Applied Deep Learning	2	2	3
	CSC	2212	Procedural and Object-Oriented C++	2	2	3	CSC	3621	Data Science	2	2	3
	CSC	3320	Databases	3	2	4	CSC	3210	Operating Systems	3	0	3
	MTH	2480	Probability and Statistics	2	2	3	SWE	2512	Web Apps and Networking	3	2	4
	PHL	3102	Ethics of AI	3	0	3	MTH	2310	Discrete Math	3	0	3
			Year 3 – Fall – 13-6-16						Year 3 – Spring – 13-6-16			
Year 4	CSC	4901	Computer Science Capstone I	1	0	3	CSC	4902	Computer Science Capstone II	1	0	3
	CSC	4611	Deep Learning	2	2	3			Elective (Program-Upper)	3	0	3
	CSC	4801	Data Science Practicum	2	2	3			Elective (Program-Upper)	3	0	3
	CSC	3310	Algorithms and Advanced Data Structures	3	0	3			Elective (Free)	3	0	3
			Elective (Embrace Diversity)	3	0	3			Elective (Raider Core – Any)	3	0	3
			Year 4 – Fall – 11-4-15						Year 4 – Spring – 13-0-15			

2026-10-22

Computer Science Semester V2

