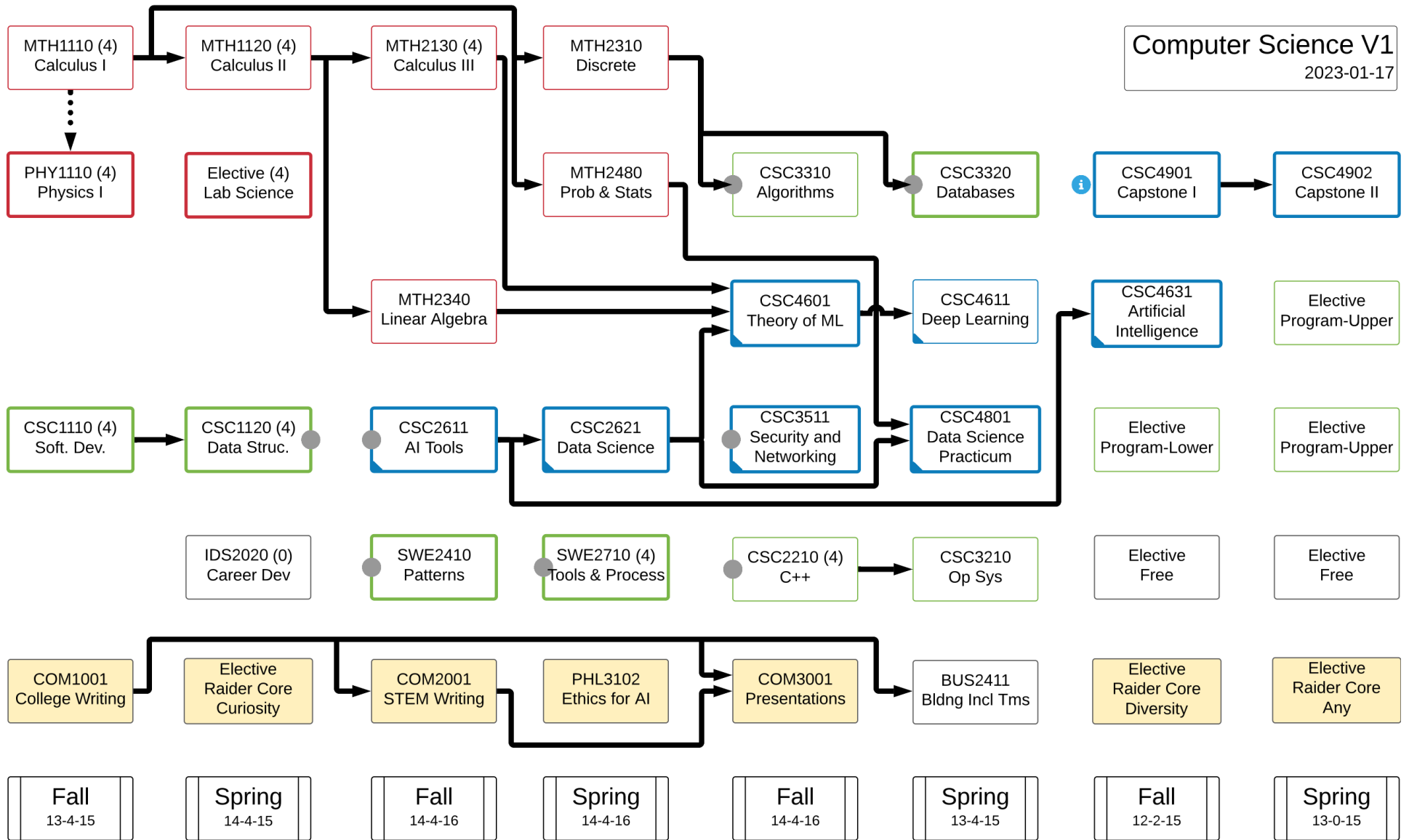


Computer Science Semester V1

		Fall					Spring					
Year 1	CSC	1110	Software Development	3	2	4	CSC	1120	Data Structures and Graphical Interfaces	3	2	4
	MTH	1110	Calculus I	4	0	4	MTH	1120	Calculus II	4	0	4
	PHY	1110	Physics I – Mechanics and Thermodynamics	3	2	4			Elective (Lab Science)	3	2	4
	COM	1001	College Writing	3	0	3			Elective (Exhibit Curiosity)	3	0	3
							IDS	2020	Career Development	1	0	0
Year 1 – Fall – 13-4-15						Year 1 – Spring – 14-4-15						
Year 2	CSC	2611	AI Tools	2	2	3	CSC	2721	Intro to Data Science	2	2	3
	SWE	2410	Design and Cloud Patterns	2	2	3	SWE	2710	Software Tools and Process	3	2	4
	MTH	2340	Linear Algebra with Applications	3	0	3	MTH	2310	Discrete Math	3	0	3
	MTH	2130	Calculus III	4	0	4	MTH	2480	Probability and Statistics	3	0	3
	COM	2001	Writing for the STEM Disciplines	3	0	3	PHL	3102	Ethics of AI	3	0	3
Year 2 – Fall – 14-4-16						Year 2 – Spring – 14-4-16						
Year 3	CSC	4601	Theory of Machine Learning	2	2	3	CSC	4611	Deep Learning	2	2	3
	CSC	3511	Security and Networking	2	2	3	CSC	4801	Data Science Practicum	2	2	3
	CSC	2210	Procedural and Object-Oriented C++	4	0	4	CSC	3210	Operating Systems	3	0	3
	CSC	3310	Algorithms and Advanced Data Structures	3	0	3	CSC	3320	Databases	3	0	3
	COM	3001	Professional Presentations	3	0	3	BUS	2411	Building Inclusive Teams	3	0	3
Year 3 – Fall – 14-4-16						Year 3 – Spring – 13-4-15						
Year 4	CSC	4901	Computer Science Capstone I	1	0	3	CSC	4902	Computer Science Capstone II	1	0	3
	CSC	4631	Artificial Intelligence	2	2	3			Elective (Program-Upper)	3	0	3
			Elective (Program-Lower)	3	0	3			Elective (Program-Upper)	3	0	3
			Elective (Free)	3	0	3			Elective (Free)	3	0	3
			Elective (Embrace Diversity)	3	0	3			Elective (Raider Core – Any)	3	0	3
Year 4 – Fall – 12-2-15						Year 4 – Spring – 13-0-15						

Computer Science Semester V1

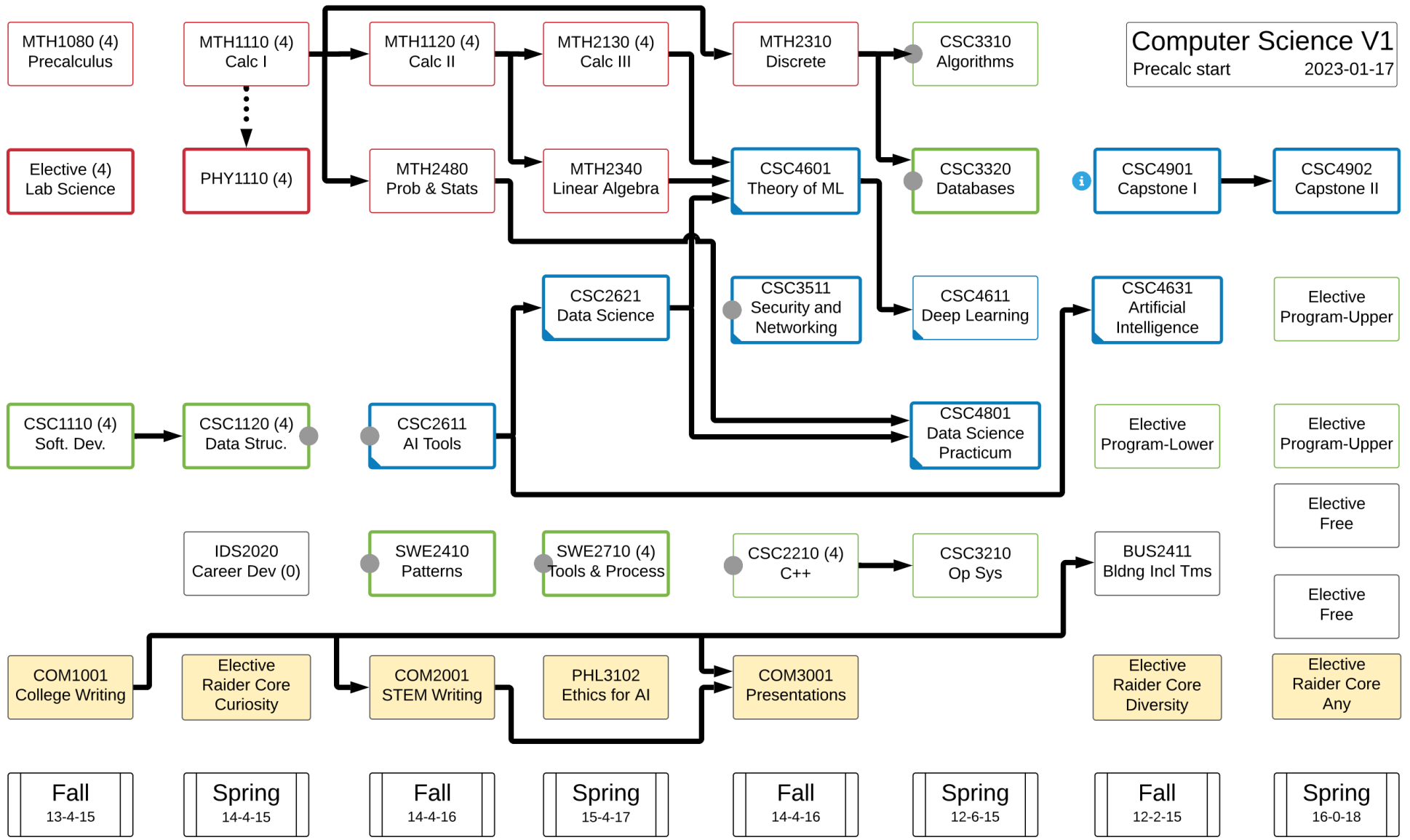


Lab course
 Lecture course
 Only offered in one term
 ● CSC1120 is a prereq
 ⓘ Prereq: All but two in-major courses from the first three years or approved plan to graduate by the next fall term.

Computer Science with Precalculus Start Semester V1

		Fall					Spring					
		CSC	1110	Software Development	3	2	4	CSC	1120	Data Structures and Graphical Interfaces	3	2
Year 1	MTH	1080	Precalculus	4	0	4	MTH	1110	Calculus I	4	0	4
	PHY	1110	Elective (Lab Science)	3	2	4			Physics I – Mechanics and Thermodynamics	3	2	4
	COM	1001	College Writing	3	0	3			Elective (Exhibit Curiosity)	3	0	3
							IDS	2020	Career Development	1	0	0
	Year 1 – Fall – 13-4-15						Year 1 – Spring – 14-4-15					
Year 2	CSC	2611	AI Tools	2	2	3	CSC	2721	Intro to Data Science	2	2	3
	SWE	2410	Design and Cloud Patterns	2	2	3	SWE	2710	Software Tools and Process	3	2	4
	MTH	1120	Calculus II	3	0	3	MTH	2130	Calculus III	4	0	4
	MTH	2480	Probability and Statistics	4	0	4	MTH	2480	Linear Algebra with Applications	3	0	3
	COM	2001	Writing for the STEM Disciplines	3	0	3	PHL	3102	Ethics of AI	3	0	3
Year 2 – Fall – 14-4-16						Year 2 – Spring – 15-4-17						
Year 3	CSC	4601	Theory of Machine Learning	2	2	3	CSC	4611	Deep Learning	2	2	3
	CSC	3511	Security and Networking	2	2	3	CSC	4801	Data Science Practicum	2	2	3
	CSC	2210	Procedural and Object-Oriented C++	4	0	4	CSC	3210	Operating Systems	3	0	3
	MTH	2310	Discrete Math	3	0	3	CSC	3310	Algorithms and Advanced Data Structures	3	0	3
	COM	3001	Professional Presentations	3	0	3	CSC	3320	Databases	2	2	3
Year 3 – Fall – 14-4-16						Year 3 – Spring – 12-6-15						
Year 4	CSC	4901	Computer Science Capstone I	1	0	3	CSC	4902	Computer Science Capstone II	1	0	3
	CSC	4631	Artificial Intelligence	2	2	3			Elective (Program-Upper)	3	0	3
			Elective (Program-Lower)	3	0	3			Elective (Program-Upper)	3	0	3
	BUS	2411	Building Inclusive Teams	3	0	3			Elective (Free)	3	0	3
			Elective (Embrace Diversity)	3	0	3			Elective (Free)	3	0	3
Year 4 – Fall – 12-2-15						Year 4 – Spring – 16-0-18						

Computer Science with Precalculus Start Semester V1



 Lab course
 Lecture course
 Only offered in one term
 ● CSC1120 is a prereq
 ⓘ Prereq: All but two in-major courses from the first three years or approved plan to graduate by the next fall term.