

Projected Three Year Schedule for CMPSC Courses

	Fall	Spring
2023-2024	CMPSC 131 Prog and Computation I CMPSC 132 Intermediate Prog CMPSC 221 OOP w/ Web-based Apps CMPSC 312 Comp Org/Arch CMPSC 330 Adv Prog C++ CMPSC 360 Discrete Mathematics CMPSC 462 Data Structures CMPSC 463 Algorithms CMPSC 469 Formal Languages CMPSC 472 Operating System Concepts CMPSC 487W Software Engineering CMPSC 441 Artificial Intelligence CMPSC 457 Computer Graphics MATH 425 Op Research MATH 430 Linear Alg MATH 435 Abstract Alg MATH 485 Graph Theory	CMPSC 131 Prog and Computation II CMPSC 132 Intermediate Prog CMPSC 221 OOP w/ Web-based Apps CMPSC 312 Computer Org/Arch CMPSC 330 Adv Prog C++ CMPSC 360 Discrete Mathematics CMPSC 430 Database Design CMPSC 460 Principles of Prog Languages CMPSC 462 Data Structure CMPSC 469 Formal Languages CMPSC 488 Computer Science Project CMPSC 421 Netcentric CMPSC 445 Applied Machine Learning in Data Sc ¹ CMPSC 446 Data Mining ¹ CMPSC 455 Numerical Analysis CMPSC 470 Compiler Construction ² MATH 401 Intro Analysis MATH 448 Mathematics of Finance
2024-2025	CMPSC 131 Prog and Computation I CMPSC 132 Intermediate Prog CMPSC 221 OOP w/ Web-based Apps CMPSC 312 Comp Org/Arch CMPSC 330 Adv Prog C++ CMPSC 360 Discrete Mathematics CMPSC 462 Data Structures CMPSC 463 Algorithms CMPSC 469 Formal Languages CMPSC 472 Operating System Concepts CMPSC 487W Software Engineering CMPSC 441 Artificial Intelligence CMPSC 457 Computer Graphics MATH 425 Op Research MATH 430 Linear Alg MATH 435 Abstract Alg	CMPSC 131 Prog and Computation II CMPSC 132 Intermediate Prog CMPSC 221 OOP w/ Web-based Apps CMPSC 312 Computer Org/Arch CMPSC 330 Adv Prog C++ CMPSC 360 Discrete Mathematics CMPSC 430 Database Design CMPSC 460 Principles of Prog Languages CMPSC 462 Data Structure CMPSC 469 Formal Languages CMPSC 488 Computer Science Project CMPSC 421 Netcentric CMPSC 445 Applied Machine Learning in Data Sc ¹ CMPSC 446 Data Mining ¹ CMPSC 455 Num Analysis CMPSC 470 Compiler Construction ² MATH 401 Intro Analysis MATH 448 Mathematics of Finance
2025-2026	CMPSC 131 Prog and Computation I CMPSC 132 Intermediate Prog CMPSC 221 OOP w/ Web-based Apps CMPSC 312 Comp Org/Arch CMPSC 330 Adv Prog C++ CMPSC 360 Discrete Mathematics CMPSC 462 Data Structures CMPSC 463 Algorithms CMPSC 469 Formal Languages CMPSC 472 Operating System Concepts CMPSC 487W Software Engineering CMPSC 441 Artificial Intelligence CMPSC 457 Computer Graphics MATH 425 Op Research MATH 430 Linear Alg MATH 435 Abstract Alg	CMPSC 131 Prog and Computation II CMPSC 132 Intermediate Prog CMPSC 221 OOP w/ Web-based Apps CMPSC 312 Computer Org/Arch CMPSC 330 Adv Prog C++ CMPSC 360 Discrete Mathematics CMPSC 430 Database Design CMPSC 460 Principles of Prog Languages CMPSC 462 Data Structure CMPSC 469 Formal Languages CMPSC 488 Computer Science Project CMPSC 421 Netcentric CMPSC 445 Applied Machine Learning in Data Sc ¹ CMPSC 446 Data Mining ¹ CMPSC 455 Num Analysis CMPSC 470 Compiler Construction ² MATH 401 Intro Analysis MATH 448 Mathematics of Finance

NOTE: This schedule is subject to change, especially for the elective courses (shaded in gray). Other adjustments (additions, deletions, replacements) are possible in response to curricular changes, changes in personnel, or changes of projected interest. Please consult with your adviser to identify or conform which courses may or may not meet certain requirements in your program.

Revised February 13, 2023

¹ Elective for General Option

²² Elective for Data Science Option