SAMPLE SCHEDULE FOR A.S. CS DEGREE GRADUATES
Computer Science Department
2020-2021
http://cs.gmu.edu

This is a BS CS sample four-semester schedule for transfer students from VCCS who have an A.S. degree in Computer Science and received a Mason Core waiver. Please note:

- Following this schedule does not necessarily guarantee the satisfaction of graduation requirements. The GMU catalog is the official reference for degree requirements (http://catalog.gmu.edu). If you follow this schedule, you must verify that it satisfies all graduation requirements in your specific situation. Any questions should be discussed with your faculty advisor.

- You are still required to complete two Mason Core courses at GMU: ENGH 302N (Advanced Composition- Natural Sciences section) and Synthesis (covered by CS 306).

- *This* schedule assumes you have transfer credits for the following classes: CS 112, CS 211, MATH 113, MATH 114, three approved lab science courses, COMM 100/101. See the VCCS transfer guide at http://admissions.gmu.edu/transfer to verify transferable courses.

Courses in *italics* are prerequisites for other required courses. These must be taken in a specific order, so it is recommended to take them as shown. There are also courses that are prerequisites for some CS related and CS senior electives. Check the course descriptions for the CS related and CS senior electives to determine which prerequisites are needed for the courses you would like to take. Remember – you need a C or better in all prerequisite courses to take the follow-on class.

Important note: CS 110 must be taken as soon as you enter the GMU CS program. It is highly recommended that you take it your first semester here. This course is not waived for transfer students.

FIRST SEMESTER		**SECOND SEMESTER**	
CS 110 Essentials of Computer Science	3	*CS 330 Formal Methods & Models*	3
CS 262 Intro to Low-level Programming	3	*CS 367 Computer Systems & Programming*	4
CS 310 Data Structures	3	MATH 203 Linear Algebra	3
ENGH 302 Advanced Composition	3	STAT 344 Prob & Stat for Engrs & Scientists	3
MATH 125 Discrete Mathematics	3	MATH 213 Calculus III	3
Total Hours	15	Total Hours	16

THIRD SEMESTER		**FOURTH SEMESTER**	
CS 306 Synthesis of Ethics & Law	3	CS 471 Operating Systems	3
CS 321 Software Engineering	3	CS Senior course	3
CS 483 Analysis of Algorithms	3	CS Senior course	3
CS Senior course	3	CS Senior course	3
CS-related elective	3	CS Senior course	3
Total Hours	15	CS-related elective	3
		Total Hours	18