

SAMPLE SCHEDULE FOR A.S. CS DEGREE GRADUATES
Computer Science Department
2016 - 2017
<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 302 (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, ECE 301L, two lab science courses (typically Physics I and II), COMM 100 *and* one additional Humanities course above the Mason Core requirements. 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 101 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 101 Introduction to Computer Science	2	CS 105 <i>Computer Ethics & Society</i>	1
CS 262 <i>Intro to Low-level Programming</i>	2	CS 330 <i>Formal Methods & Models</i>	3
CS 310 <i>Data Structures</i>	3	CS 367 <i>Computer Systems & Programming</i>	3
ENGH 302 Advanced Composition	3	MATH 203 Linear Algebra	3
MATH 125 <i>Discrete Mathematics</i>	3	STAT 344 Prob & Stat for Engrs & Scientists	3
MATH 213 Calculus III	3	Natural Science with Lab	4
Total Hours	16	Total Hours	17
THIRD SEMESTER		FOURTH SEMESTER	
CS 306 Synthesis - Ethics & Law	3	CS 465 Computer Architecture	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