## Sample Schedule for BS CS Majors Who Start with MATH 104

If you need to take MATH 104 (Trignometry and Transcendental Functions - 2 credits), here's an alternative sample schedule for BS CS majors. Please note that MATH 104 <u>does not count</u> towards the BS CS degree.

Please see the BS CS Brochure (http://cs.gmu.edu) for additional information on individual course requirements and descriptions, as well as for the lists of classes that qualify as "CS-related", "Senior CS", "Natural Science w/Lab".

Required Mason Core courses are denoted as [MC]. Please consult the GMU Catalog (http://catalog.gmu.edu) for the lists of approved Mason Core courses.

First Semester		Second Semester	
ENGH 101	3	COMM 100	3
MATH 104	2	Western Civilization [MC]	3
CS 110	3	CS 112	4
Fine Arts [MC]	3	MATH 113	4
Natural Science w/Lab	4	Electives*	1
Total Hours	15	Total Hours	15
Third Semester		Fourth Semester	
Electives*	1	CS 262	3
CS 211	3	CS 310	3
MATH 114	4	MATH 125	3
Global Understanding [MC]	3	Literature [MC]	3
Natural Science w/Lab	4	Natural Science w/ Lab	4
Total Hours	15	Total Hours	16
Fifth Semester		Sixth Semester	
<b>Fifth Semester</b> CS 330	3	Sixth Semester CS 471	3
	3 4		3 3
CS 330		CS 471	
CS 330 CS 367	4	CS 471 CS 321	3
CS 330 CS 367 MATH 213	4 3	CS 471 CS 321 STAT 344	3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC]	4 3 3	CS 471 CS 321 STAT 344 CS-related elective	3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Electives*	4 3 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC]	3 3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Electives* Total Hours	4 3 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours	3 3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Electives* Total Hours Seventh Semester	4 3 3 3 16	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b>	3 3 3 15
CS 330 CS 367 MATH 213 ENGH 302 [MC] Electives* Total Hours Seventh Semester CS 306	4 3 3 16 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b> Senior CS course	3 3 3 15 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Electives* Total Hours Seventh Semester CS 306 CS 483	4 3 3 16 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b> Senior CS course Senior CS course	3 3 3 15 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Electives* Total Hours Seventh Semester CS 306 CS 483 Senior CS course	4 3 3 16 3 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b> Senior CS course Senior CS course Senior CS course	3 3 3 15 3 3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Electives* Total Hours Seventh Semester CS 306 CS 483 Senior CS course Senior CS course	4 3 3 16 3 3 3 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b> Senior CS course Senior CS course Senior CS course Senior CS course CS-related elective	3 3 3 15 3 3 3 3 3

<sup>\*</sup>Note: Not all elective classes at GMU can be used towards the minimum 120 credit hours needed for graduation. Please consult the GMU Catalog for further information on specific courses.

## Sample Schedule for BS CS Majors Who Start with MATH 105

If you need to take MATH 105 (Pre-Calculus Mathematics - 4 credits), here's an alternative sample schedule for BS CS majors. Please note that MATH 105 <u>does not count</u> towards the BS CS degree.

Please see the BS CS Brochure (http://cs.gmu.edu) for additional information on individual course requirements and descriptions, as well as for the lists of classes that qualify as "CS-related", "Senior CS", "Natural Science w/Lab".

Required Mason Core courses are denoted as [MC]. Please consult the GMU Catalog (http://catalog.gmu.edu) for the lists of approved Mason Core courses.

First Semester		Second Semester	
ENGH 101	3	COMM 100	3
MATH 105	4	Western Civilization [MC]	3
CS 110	3	CS 112	4
Electives*	1	MATH 113	4
Natural Science w/Lab	4	Electives*	1
Total Hours	15	Total Hours	15
Third Semester		Fourth Semester	
CS 211	3	CS 262	3
MATH 114	4	CS 310	3
Global Understanding [MC]	3	MATH 125	3
Natural Science w/Lab	4	Literature [MC]	3
Electives*	3	Natural Science w/ Lab	4
Total Hours	17	Total Hours	16
Fifth Semester		Sixth Semester	
<b>Fifth Semester</b> CS 330	3	Sixth Semester CS 471	3
	3 4		3 3
CS 330		CS 471	
CS 330 CS 367	4	CS 471 CS 321	3
CS 330 CS 367 MATH 213	4 3	CS 471 CS 321 STAT 344	3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC]	4 3 3	CS 471 CS 321 STAT 344 CS-related elective	3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Fine Arts [MC]	4 3 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC]	3 3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Fine Arts [MC] Total Hours	4 3 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours	3 3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Fine Arts [MC] Total Hours Seventh Semester	4 3 3 16	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b>	3 3 3 15
CS 330 CS 367 MATH 213 ENGH 302 [MC] Fine Arts [MC] Total Hours Seventh Semester CS 306	4 3 3 16 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b> Senior CS course	3 3 3 15 3 3 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Fine Arts [MC] Total Hours Seventh Semester CS 306 CS 483	4 3 3 16 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b> Senior CS course Senior CS course	3 3 3 15 3 3
CS 330 CS 367 MATH 213 ENGH 302 [MC] Fine Arts [MC] Total Hours Seventh Semester CS 306 CS 483 Senior CS course	4 3 3 16 3 3 3	CS 471 CS 321 STAT 344 CS-related elective Social & Behavioral Sciences [MC] Total Hours <b>Eighth Semester</b> Senior CS course Senior CS course Senior CS course	3 3 3 15 3 3 3 3

<sup>\*</sup>Note: Not all elective classes at GMU can be used towards the minimum 120 credit hours needed for graduation. Please consult the GMU Catalog for further information on specific courses.