

**Recommended Schedule for New Computer Science Majors
Students Starting with MATH 1111**

Year	Fall	Hours	Spring	Hours
Freshman	HIST 2111 or 2112	3	MATH 1113	4
	MATH 1111	3	HIST 1111 or 1112	3
	ENGL 1101	3	ENGL 1102	3
	Area E.4	3	Area B.1	3
	Area B.2	2		
	Total	14	Total	13
Sophomore	CS 1301	4	CS 1302	3
	Area D.1 (1)	4	Area C.1	3
	MATH 1634	4	MATH 2644	4
	ENGL 3405	3	Area C.2	3
			Area D.1 (2)	4
	Total	15	Total	17
Junior	CS 3201	3	CS 3202	3
	CS 3211	3	CS 3212	3
	CS 2100	3	CS Elective	3
	CS 3270	3	CS 3151	3
	POLS 1101	3	Math 2063	3
	Total	15	Total	15
Senior	CS 3110	3	CS 4982	3
	CS 3230	3	CS 4225	3
	CS 3152	3	CS Elective	3
	CS Elective	3	CS 3280	3
	Lab Science Elective	4	MATH Elective	3
	Total	16	Total	15

Program Total 120

NOTES:

One of the following lab science sequences must be taken for Core Area D.1:

- BIOL 1107+1107L and BIOL 1108+1108L
Principles of Biology I & II
- CHEM 1211+1211L and CHEM 1212+1212L
Principles of Chemistry I & II
- PHYS 2211+2211L and PHYS 2212+2212L
Principles of Physics I & II

The "Lab Science Elective" must be the first semester of one of the above sequences NOT taken in Area D.1. So, if you took BIOL 1107+1107L and 1108+1108L, then you would need to take either CHEM 1211+1211L or PHYS 2211+2211L as your lab science elective.

The "MATH elective" must be chosen from one of the following:

- MATH 2853 - Elementary Linear Algebra
- MATH 3303 - Ordinary Differential Equations
- MATH 4003 - Dynamic Systems
- MATH 4103 - Operations Research
- MATH 4153 - Applied Mathematic Modeling