

## Computer Science

Scott Community College				University of Missouri-Rolla		
Semester	SCC #	Title	Hours	UMR #	Title	Hours
First	MATH 150	Calculus and Analytic Geometry I	5	MATH 014	Calculus with Analytic Geometry	5
	CHEM 120	General Chemistry I	5	CHEM 001,002	General Chemistry and Lab	5
	EN 105	English Composition I	3	ENG 020	Exposition and Argumentation	3
	HIST 100 or HIST 105	U.S. History through 1877 or U.S. History after 1877	3	HIST 175 or HIST 176	American History to 1877 or American History since 1877	3
	Total Semester Hours		16	Total Semester Hours		16
Second	MATH 155	Calculus and Analytic Geometry II	5	MATH 015	Calculus with Analytic Geometry II	5
	PHYS 210	Engineering Physics I	5	PHYS 023	Engineering Physics I	4
	SPEE 105	Principles of Speech	3	SPMS 085	Principles of Speech	3
Total Semester Hours		13	Total Semester Hours		12	
Third	MATH 220	Calculus and Analytic Geometry III	4	MATH 022	Calculus with Analytic Geometry III	4
	PHYS 215	Engineering Physics II	5	PHYS 024	Engineering Physics II	4
	EN 110	English Composition II	3	ENG 060	Writing and Research	3
	IT 200	C++ II	3	CS 53, 54	Introduction to Programming and Lab	4
Total Semester Hours		15	Total Semester Hours		15	
Fourth	MATH 215	Fundamentals of Statistics	3	STAT 215	Engineering Statistics	3
		Social Service Elective	3		Social Science Elective	3
		Humanities Elective	3		Humanities Elective	3
		Literature Elective	3		Literature Elective	3
Total Semester Hours		12	Total Semester Hours		12	

This is a guide; with the consent of your advisor you may choose to vary the sequence or combination of some courses in a manner appropriate to individual course requirements and prerequisites. A grade of "C" or better is required in calculus and physics.