CSIS: BS Major in Computer Science and Information Systems 2009-10
Sample Course Sequence -- Starting at CS 21 Computer Programming I

The definitive source for degree requirements is the official UVM Catalogue.

Your specific sequence may be different from this one. Responsibility for completion of degree requirements rests with you, the student. Read the catalog and plan your course sequence carefully. Note prerequisites. Contact your academic advisor in the Computer Science Department if you have questions.
The *minimum* number of academic credits required is 120.

	SEMESTER	
FIRST YEAR	**1st**	**2nd**
CS 21, Computer Prog. I	3	-
MATH 19, Calculus I[1]	3	-
ECON 11, Macro	3	-
English I, Written Exp.	3	-
Electives[1]	3	3
CS 14, Visual BASIC	-	3
CS 110, Computer Prog. II	-	4
MATH 20, Calculus II[1]	-	3
ECON 12, Micro	-	3
	15	**16**
SOPHOMORE YEAR		
BSAD 60, Financial Acct.	3	-
CS 0xx or above[1]	3	-
CS 64, Discrete Structures	3	-
STAT 141, Prob/Statistics	3	-
Electives[1]	4	6
BSAD 61, Managerial Acct.	-	3
CS 121, Computer Org.	-	3
CS 124, Data Structures	-	3
	16	**15**
JUNIOR YEAR		
BSAD 120, Mgmt. Org. Behav	3	-
BSAD 141, Mgmt. Info. Syst.	3	-
CS 1XX or above (123?)[1]	3	-
Electives[1]	6	6
BSAD 150, Market Mgmt.	-	3
BSAD 173, Prod.Oper.Anal.	-	3
CS 148, DataBase for Web	-	3
	15	**15**
SENIOR YEAR		
BSAD 132, Legal Political..	3	-
BSAD 143, Struct.Analysis	3	-
CS 292, Senior Seminar	1	-
Electives[1]	9	-
CS 2XX	-	3
BSAD 180, Manag. Finance	-	3
CS 2XX	-	3
CS 2XX	-	3
	16	**12**

[1]Electives:

Students with no programming experience may want to take an 0XX level course with a programming component as one of their CS electives *prior* to CS21 Computer Programming I.

See requirements for all elective categories.

Science electives (8-10 credits): Requires one laboratory science *sequence* selected from the following three:

Biology 1, 2;
Chemistry 31, 32;
Physics 31 or 51, 125 or 152.

CS 123 is not required, but recommended for graduate study in CS.

Keep in mind that most courses are 3 credits, so it is likely that one will need to take a full 3-credit course even if only 2 more credits are actually required.

[2]MATH:

MATH 21, 22 (in place of MATH 19, 20) is recommended for the most flexibility in switching degree programs. Also, certain higher-level CS elective courses (e.g., Computer Graphics) and sciences (e.g., Physics 31/21) have prerequisites that require MATH 21, 22.