COMPUTER SCIENCE
Sample Graduation Plan for BS/MS Program

FIRST YEAR

Fall Semester				Spring Semester		
Course	**Title**	**Cr**		**Course**	**Title**	**Cr**
CMSC131	Object Oriented Programming I	4		**CMSC132**	Object Oriented Programming II	4
MATH140	Calculus I	4		**MATH141**	Calculus II	4
ENGL101	Academic Writing	3		GEN ED	Natural Science w/lab (DSNL)	4
GEN ED	Oral Communication (FSOC)	3		GEN ED	History & Social Science (DSHS)	3
CMSC100	Bits & Bytes of Computer Sci.	1				
	Total Credits	**15**			**Total Credits**	**15**

SECOND YEAR

Fall Semester				Spring Semester		
Course	**Title**	**Cr**		**Course**	**Title**	**Cr**
CMSC216	Intro. to Computer Systems	4		**CMSC330**	Organization of Programming Languages	3
CMSC250	Discrete Structures	4		**CMSC351**	Algorithms	3
MATH2XX	Must have MATH141 prereq.	4		**STAT4XX**	Must have MATH141 prereq	3
GEN ED	Scholarship in Practice (DSSP)	3		GEN ED	Natural Science (DSNS)	3
				GEN ED	Humanities (DSHU)	3
	Total Credits	**15**			**Total Credits**	**15**

THIRD YEAR

Fall Semester				Spring Semester		
Course	**Title**	**Cr**		**Course**	**Title**	**Cr**
CMSC4XX		3		**CMSC4XX**		3
CMSC4XX		3		**CMSC4XX**		3
GEN ED	History & Social Science (DSHS)	3		ENGL39X	Professional Writing (FSPW)	3
GEN ED	Humanities (DSHU)	3		GEN ED	Plural Societies (DVUP)	3
GEN ED	Scholarship in Practice (DSSP)	3		ULC	Upper Level Concentration*	3
	Total Credits	**15**			**Total Credits**	**15**

FOURTH YEAR

Fall Semester ‡				Spring Semester		
Course	**Title**	**Cr**		**Course**	**Title**	**Cr**
CMSC4XX**		3		**CMSCXXX*****		3
CMSC4XX**		3		ULC	Upper Level Concentration*	3
CMSC4XX**		3		ULC	Upper Level Concentration*	3
ULC	Upper Level Concentration*	3		Elective		3
GEN ED	Cultural Competency (DVCC)	3		Elective		3
	Total Credits	**15**			**Total Credits**	**15**

FIFTH YEAR/GRADUATE COURSES

Fall Semester				Spring Semester		
Course	**Title**	**Cr**		**Course**	**Title**	**Cr**
CMSC6-8XX		3		**CMSC6-8XX**		3
CMSC6-8XX		3		**CMSC6-8XX**		3
CMSC6-8XX		3		**CMSC6-8XX**		3
Total Credits		9		**Total Credits**		9

* **Upper level concentration must be a minimum of 12 credits outside of CMSC within the same discipline.**

** **Students may use up to 9 credits of CMSC4XX to satisfy both their undergraduate and graduate degree requirements.**

*** **Students may take 3 additional credits of CMSC4XX or 600-800 level coursework as an undergraduate to count as credit towards their graduate degree only.**

‡ **The Graduate School cannot retroactively approve courses for BS/MS credit, so courses that will be double counted for the BS/MS program must be taken in the same term. This may create complications if students cannot register for a third 400-level CS course; however, students may be able to utilize a suitable 400-level AMSC/MATH/STAT substitute.**

More information about the undergraduate program and degree requirements can be found here.

More information on the BS/MS program and application process can be found here.

More information about the graduate program and degree requirements can be found here.