

**Bachelor of Science, Mathematics:
Applied Mathematical Sciences Emphasis
Computer Science Concentration
2008-2009 Bulletin**

Course Prefix and Number with number of semester hours credit in parentheses

<u>Semester 1</u>		<u>Semester 2</u>		<u>Semester 3</u>		<u>Semester 4</u>	
Math 131	(4)	Math 132	(4)	Math 233	(4)	LAC	(4-6)
LAC 1a	(3)	Math 228	(3)	Math 221	(3)	Math 350	(4)
LAC	(6)	LAC 1b	(3)	LAC	(4-5)	CS 301 ^a	(3)
CG 120	(3)	CS102	(3)	CS 200	(3)	Math 375 ^{bc}	(3)
		LAC	(3)				
total:	16		16		14-15		14-16
<u>Semester 5</u>		<u>Semester 6</u>		<u>Semester 7</u>		<u>Semester 8</u>	
Math 335	(3)	CS 301 ^a	(3)	Math 495 ^d	(3)	Math 375 ^{bc}	(3)
Math 495 ^d	(3)	Math 375 ^{bc}	(3)	LAC	(3)	CS upper div.	(3)
LAC	(3)	LAC	(3)	Math/CS Elect	(3)	Math/CS Elect	(3)
Electives	(6-9)	Electives	(9)	Electives	(6-9)	Electives	(6)
total:	15		15		15		15

^a CS 301 is only offered every EVEN numbered spring, and for this reason is listed in two different places, indicating that it should be taken in either the 4th or 6th semester.

^b Choose either CS upper division course or Math 375. The other course may be taken as an elective. Elective CS upper division courses are: CS 302, CS 440, CS 441, CS 480, or CS497. These will be offered based on demand.

^c Math 375 is only offered every ODD numbered spring, and for this reason is listed in two different places, indicating that it should be taken in either the 6th or 8th semester.

^d Similarly Math 495 is only offered every ODD numbered fall, and is listed in two different places, indicating that it should be taken in either the 5th or 7th semester.

NOTES: LAC denotes "Liberal Arts Core" classes. Math 131/132 count for 3 hours in LAC Category 2 and 5 hours of LAC electives. An additional 32 hours are needed for the Liberal Arts Core as reflected above. Make sure to consult the Liberal Arts Core Checklist as you plan your program.

Scheduling restrictions on required classes are as follows: All courses listed in semesters 1) through 4) above are offered every semester except for CS 301 as indicated above. All other requirements are offered once per year as indicated in the schedule (except for CS 301, Math 375 and Math 495 as noted in ^{a, c, and d} above).