

**Bachelor of Science, Mathematics:  
Applied Mathematical Sciences Emphasis  
Applied Mathematics 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	(6-7)
LAC 1a	(3)	Math 228	(3)	Math 221	(3)	Math 350	(4)
LAC	(6)	LAC 1b	(3)	LAC 6L	(4-5)	Elective	(3-4)
CG 120	(3)	CS102	(3)	CS 200	(3)		
		LAC	(3)				
total:	16		16		14-15		14-15
<u>Semester 5</u>		<u>Semester 6</u>		<u>Semester 7</u>		<u>Semester 8</u>	
Math 335	(3)	Math 351 <sup>a</sup>	(3)	Math 495 <sup>c</sup>	(3)	Math 375 <sup>c</sup>	(3)
Stat 406 <sup>a</sup>	(3)	Math 336 <sup>b,c</sup>	(3)	Math 437	(3)	Math 336 <sup>b,c</sup>	(3)
Math 495 <sup>c</sup>	(3)	Math 375 <sup>b,c</sup>	(3)	Electives	(5-6)	Math Elective	(3)
LAC	(3)	Electives	(9)			Electives	(5-6)
Electives	(3-6)						
total:	15		15		14-15		14-15

<sup>a</sup> Choose either Stat 406 or Math 351. The other course may be taken as an elective.

<sup>b</sup> Choose either Math 336 or Math 375. The other course may be taken as an elective.

<sup>c</sup> 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 6<sup>th</sup> or 8<sup>th</sup> semester. 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 5<sup>th</sup> or 7<sup>th</sup> semester. Math 336 will be offered in Spring 2009 and then every EVEN numbered spring.

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. All other requirements are offered once per year as indicated in the schedule (except for Math 336, Math 375 and Math 495 as noted in <sup>c</sup> above). Students interested in pursuing graduate study in mathematics are strongly encouraged to take the liberal arts emphasis.