

BACHELOR OF ARTS IN MATHEMATICS

(For Bulletin Year 2006-2007 and earlier)

Undergraduate degree programs in mathematics presuppose a background equivalent to two years of high school algebra, one year of plane geometry, and one semester of trigonometry. Students in doubt as to their satisfaction of these prerequisites should consult the department. MATH 60, 70, and 109 may be used to remedy deficiencies. Because of the sequential nature of mathematics courses, all students must consult with a departmental adviser at the beginning of their degree programs. MATH 500 through MATH 599 may not be counted as electives toward the mathematics major. CR/NC grades are not acceptable in courses to be counted for a mathematics major or minor program.

[On-line course descriptions](#) are available.

Required Courses		Units
MATH 309	Computation in Mathematics <i>or</i>	3
CSC 201	Introduction to Computer Programming for Non-majors <i>or</i>	
CSC 210	Introduction to Computer Programming	
MATH 226-228	Calculus I-III (4 units each)	12
MATH 325	Linear Algebra	3
MATH 335	Modern Algebra I	3
MATH 370	Real Analysis I	3
MATH 380	Introduction to Functions of a Complex Variable <i>or</i>	3
MATH 470	Real Analysis II—Several Variables <i>or</i>	
MATH 471	Real Analysis II—Series <i>or</i>	
PHYS 385	Introduction to Theoretical Physics	
Upper division mathematics courses on advisement: Two of the upper-division courses taken to satisfy the Mathematics major must form a sequence, for example:		15
MATH 376 and MATH 477 <i>or</i>		
MATH 309 and MATH 400 <i>or</i>		
MATH 310 and MATH 375 <i>or</i>		
MATH 350 and MATH 455 <i>or</i>		
MATH 376 and MATH 460 <i>or</i>		
MATH 340 and MATH 441		
Other sequences can be arranged with consent of adviser		
Total		42