

APPLIED MATHEMATICS MAJOR
Department of Mathematics
College of Arts and Sciences

Name:

WIN Number:

Expected date of Graduation:

Curriculum:

Catalog used:

REQUIRED COURSES:

TRANSFER/WAIVER/SUBSTITUTION:

		Hrs.	Number	Course Title	Hrs.
	1220/1700	Calculus I			4
	1230/1710	Calculus II			4
	2300	Elementary Linear Algebra			4
	2720	Vector & Multivariate Calculus			4
	3740	Diff Eqns & Linear Alg			4
	1450	Discrete Math Structures			3
	OR				
	3140	Mathematical Proofs			3
	4020	Mathematical Modeling			3
	5070	Numerical Analysis			3
ELECTIVES: (Choose 3 of the following:)					
	3300	Modern Algebra I			4
STAT	3620	Probability			4
	4080	Linear Programming			3
	4400	Graphs & Math Models			3
	4450	Algor & Applied Combinatorics			3
	4900	Topics in Mathematics			3
	5100	Applied Matrix Algebra			3
	OR				
	5300	Linear Algebra			3
	5270	Differential Geometry			3
STAT	5670	Stat Design/Anal Theory			4
STAT	5680	Regression Analysis			3
	5700	Advanced Calculus I			4
	5720	Vector Calc & Complex Vrbles			4
	5740	Adv Differential Equations			3
COGNATE SCIENCE REQUIREMENTS:					
	(CS 1110) or (CS 1040 & (CS 2010 or CS 2040))				4
STAT	364	Statistical Methods			4
PHY	2050/2060	Mechanics and Heat			5
PHY	2070/2080	Elec & Light			5
	OR				
Chem	100/1110	General Chemistry I			4

Minor: Biomedical Sciences, Chemistry, Physics, Statistics, Computer Science

* Transfer credit school:

** Transfer credit school:

*** Transfer credit school:

Date typed:

Department Advisor:

Students should see an advisor in the College of Arts & Sciences Advising Office for assistance with General Education Requirements. No changes may be made in these recommendations without written consent of a Departmental Advisor.