

MATHEMATICS DEGREE REQUIREMENTS

	MATH #	CLASS	CREDITS	PRE-REQ.
<input type="checkbox"/>	MATH 1210	Calculus I	5	MATH 1050/1060 OR 1065
<input type="checkbox"/>	MATH 1220	Calculus II	4	MATH 1210
<input type="checkbox"/>	MATH 2210	Multivariable Calculus	3	MATH 1220
<input type="checkbox"/>	MATH 2270	Linear Algebra	3	MATH 1210
<input type="checkbox"/>	MATH 2280	Ordinary Differential Equations	3	MATH 1220
<input type="checkbox"/>	MATH 2200	Discrete Mathematics	3	MATH 1210
<input type="checkbox"/>	MATH 3200	Introduction to Analysis	3	MATH 2210/2200
<input type="checkbox"/>	MATH 3400	Probability and Statistics	3	MATH 1220
<input type="checkbox"/>	MATH 3900	Number Theory	3	MATH 2200
<input type="checkbox"/>	MATH 4000	Foundations of Algebra	3	MATH 2200
<input type="checkbox"/>	MATH 4900	Senior Capstone Seminar	3	Math Major AND Senior Standing
		TOTAL SEMESTER CREDITS	36	(Must achieve a "C" or better in each course)
ELECTIVE MATH COURSES(Choose 12 credits)				
<input type="checkbox"/>	MATH 3000	History of Mathematics	3	MATH 1220
<input type="checkbox"/>	MATH 3100	Euclidean/ Non-Euclidean Geometry	3	MATH 2200
<input type="checkbox"/>	MATH 3210	Introduction to Analysis II	3	MATH 3200
<input type="checkbox"/>	MATH 3500	Numerical Analysis	3	MATH 2270 & 2280
<input type="checkbox"/>	MATH 4010	Abstract Algebra	3	MATH 4000
<input type="checkbox"/>	MATH 4100	Introduction to Topology	3	MATH 2200 & 2210
<input type="checkbox"/>	MATH 4200	Complex Analysis	3	MATH 3200
		TOTAL SEMESTER CREDITS	12 of 21	(Must achieve a "C" or better in each course)
		TOTAL MATH CREDITS	48	
OTHER REQUIRED COURSES				
<input type="checkbox"/>	PHYS 2210	Physics for Scientists/Engineers I	4	MATH 1210
<input type="checkbox"/>	PHYS 2215	Physics Lab I	1	w/PHYS 2210
<input type="checkbox"/>	PHYS 2220	Physics for Scientists/Engineers II	4	PHYS 2210
<input type="checkbox"/>	PHYS 2225	Physics Lab II	1	w/PHYS 2220
<input type="checkbox"/>	CS 1400	Foundations of Programming	3	
		TOTAL SEMESTER CREDITS	13	(Must achieve a "C" or better in each course)
		ELECTIVE CREDIT	34	
		(16 MUST BE UPPER DIVISION)		
		TOTAL GE COURSES CREDITS	25	
		TOTAL DEGREE CREDITS	120	