BUSINESS

l.	GENERAL EDUCATION CURRICULUM		••••••			44
II.	MAJOR REQUIREMENTS (not including 4 s.h. counted in Area I, above)					
A. B.	MAT 1110				HONORS STUDENTS You may substitute MAT 2510 Sophomore Honors Seminar for MAT 2110, and MAT 4510 Senior Honors Thesis for your Capstone. This will slightly change your elective requirements to ensure you earn 65 hours in Area II. Please see your advisor for approval and more information.	
C.	Capstone Requirement: (4 hours) - Choose one 4 hour combination (courses must be taken in same semester); [CAP] is Capstone course: each has corequisite of first class in each pair below					
	MAT 4010 (1-3) Current Topics in Mathematics MAT 4140 (3) Differential Geometry (<i>Pre: MAT 2130; Co: MAT 2240</i>) MAT 4220 (3) Intro to Real Analysis II (<i>Pre: MAT 3220</i>) MAT 4310 (3) Numerical Meth (<i>Pre: MAT 2310, 2240; rec: MAT 2130 or 3130</i>)) MAT 4340 (3) Intro to Operations Research (<i>Pre: MAT 2240, STT 3850; Sr st</i>) MAT 4420 (3) Dynamical Systems Theory (<i>Pre: MAT 3130 or 3310</i>) MAT 4590 (3) Adv Topics in Differential Equations (<i>Pre: MAT 3130; Sr st</i>) MAT 4710 (3) Intro to Topology (<i>Pre: MAT 3220; St st</i>) MAT 4720 (3) Abstract Algebra (<i>Pre: MAT 3110; Sr st</i>) MAT 4990 (3) Numerical Linear Algebra (<i>Pre: MAT 4310; Sr. st</i>) STT 4820 (3) Design & Analysis of Experiments (<i>Pre: STT 3820; Sr st</i>) STT 4830 (3) Linear Regression Models (<i>Pre: MAT 2240; STT 3830; Sr. st</i>) STT 4840 (3) Regression & Time Series Forec (<i>Pre: MAT 2240; STT 3250, 3850</i>)	AND AND AND AND AND AND AND	STT 4821 _ STT 4831 _	(1) Differ (1) Intro (1) Nume (1) Intro (1) Dynar (1) Adv T (1) Intro (1) Abstra (1) Nume (1) Design (1) Linea	nt Topics in Math [CAP] ential Geometry [CAP] to Real Analysis II [CAP] erical Methods [CAP] to Oper Research [CAP] mical Systems Theory [CA opics in Diff Equations [Cap] act Algebra [CAP] erical Linear Algebra [CAP] n & Analysis of Exper [CAP r Regression Models [CAP ession & Time Series Forec	AP]
D.	Major Approved Electives: 9 hours in mathematical sciences to bring to 3 hours at the 4000 level	otal ho	ours in AREA	II to 65 hour	s	
	Remaining 6 hours: (At least 3 hours in MAT if STT combination was chosen in	Area C.	Capstone)			
E.						
F. (Concentration Electives (2 hours) Advisor-approved elective in business		thematical so			-
	MINOR (optional)					17
ıV.	ELECTIVES (taken to total 122 hours for the degree)		••••••	••••••		<u>17</u> 22