BUSINESS

	MALOR REQUIREMENTS (not including 4.5 h, counted in Arga I, ghough				C 4
11.	AAJOR REQUIREMENTS (not including 4 s.h. counted in Area I, above)				
Α.	Mathematics Common Core (14 hours)				
	MAT 1110 (4) Calculus with Analytic Geometry I (Pre: Ma	AT 1110 (4) Calculus with Analytic Geometry I (Pre: MAT 1025 w/min grade C-)			HONORS STUDENTS
	MAT 1120 (4) Calculus with Analytic Geometry II (Pre: MAT 1110 w/min grade C-)			You may substitute MAT	
	MAT 2110 (3) Techniques of Proof (<i>Pre: MAT 1120</i>)			2510 Sophomore Honors	
	MAT 2240 (3) Introduction to Linear Algebra (Pre: MAT 1120)			Seminar for MAT 2110, and MAT 4510 Senior	
В.	Mathematics Courses for the Concentration (14 hours)				Honors Thesis for your
٠.	MAT 2130 (4) Calculus with Analytic Geometry III (Pre: MAT 1120 w/min grade C-)				Capstone. This will
	MAT 3220 (3) Intro to Real Analysis I [WID] (Pre: RC 2001,			,	slightly change your elective requirements to
	STT 3850 (4) Statistical Data Analysis I (<i>Pre: MAT 1110</i>)			ensure you earn 65	
	Choose one:			hours in Area II. Please	
	MAT 3130 (3) Intro to Differential Equations (Pre: MAT 1120)			see your advisor for	
	MAT 3310 (3) Discrete & Continuous Mathematical Models (Pre: MAT 1120; Co: 2240)			approval and more information.	
	(6, 235) 65 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		c 11 1 0, 00	,	illionnation.
	MAT 4010 (1-3) Current Topics in Mathematics MAT 4140 (3) Differential Geometry (Pre: MAT 2130; Co: MAT 2240) MAT 4220 (3) Intro to Real Analysis II (Pre: MAT 3220) MAT 4310 (3) Numerical Methods (Pre: MAT 2310) MAT 4340 (3) Intro to Operations Research (Pre: MAT 2240, STT 3850; Sr st MAT 4420 (3) Dynamical Systems Theory (Pre: MAT 3130 or 3310) MAT 4590 (3) Adv Topics in Differential Equations (Pre: MAT 3130; Sr st) MAT 4710 (3) Intro to Topology (Pre: MAT 3220; St st) MAT 4720 (3) Abstract Algebra (Pre: MAT 3110; Sr st) MAT 4990 (3) Numerical Linear Algebra (Pre: MAT 4310; Sr. st) STT 4820 (3) Design & Analysis of Experiments (Pre: STT 3820; Sr st) STT 4830 (3) Linear Regression Models (Pre: MAT 2240; STT 3830; Sr. st) STT 4840 (3) Regression & Time Series Forec (Pre: MAT 2240; STT 3250, 385)	AND AND AND AND AND AND AND	MAT 4141 _ MAT 4221 _ MAT 4311 _ MAT 4341 _ MAT 4591 _ MAT 4711 _ MAT 4721 _ MAT 4991 _ STT 4831 _ STT 4841 _	(1) Differe (1) Intro t (1) Nume (1) Intro t (1) Dynar (1) Adv To (1) Introc (1) Abstra (1) Nume (1) Desigr (1) Linear (1) Regre	
D. I	Major Approved Electives: 10 hours in mathematical sciences to bring	g total h	ours in AREA	II to 65 hou	irs
	3 hours at the 4000 level Remaining 7 hours: (At least 3 hours in MAT if STT combination was chosen in	. Aron C	Canatanal		
E.	Business Concentration (at least 20 advisor-approved hours in busine		· -		
F. C	Concentration Electives (3 hours) Advisor-approved elective in busines				
III.	MINOR (optional)				
	ELECTIVES (taken to total 122 hours for the degree)				<u>17</u> 122
	ELECTIVES (taken to total 122 hours for the degree)				