Requirements for the Major in Mathematics-Economics - B.A.
(Pending APC Approval-2007)

Economics Courses

Course	Name	Cr Hrs	Pre Req	Pre or Co Req	Available	Other
ECON-12100	Principles of Macroeconomics	3	none		S, Y	1
ECON-12200	Principles of Microeconomics	3	none		F, Y	1
ECON-32100	Money and Banking	3	ECON-12100 & 22200 & 2 courses in humanities, social sciences, ***or*** business		F, Y	
ECON-33300	Econometrics I	3	ECON-12100 & 22200, MATH-24300, MATH-24400 or MATH-14400		F, Y	
ECON-33400	Econometrics II	3	ECON-33300		S, E	
ECON-34100	Micro Analysis	3	ECON-12100 & 22200 & 2 courses in humanities, social sciences, or business		F, Y	
ECON-34200	Macro Analysis	3	ECON-12100 & 22200 & 2 courses in humanities, social sciences, or business		S, Y	
ECON-41100	International Economics	3	ECON-34200 & two courses in humantities social sciences or business		S, Y	
ECON-49200	Special Problems in Economics (tutorial)	3	ECON-12100 & 22200 & senior standing		F, Y	
	Total	**27**				

Computer Science/Mathematics Courses

Course	Name	Cr Hrs	Pre Req	Pre or Co Req	Available	Other
Take either:						
COMP-17100 **or**	Principles of Computing Science	3 - 4			F-S, Y	2b
MATH-18500	Mathematical Experimentation		Math placement 1		S, Y	NS LA
MATH-11100	Calculus I	4	Math placement 1		F-S, Y	2b
MATH-11200	Calculus II	4	MATH-11100		F-S, Y	2b
MATH-21100	Calculus III	4	MATH-11100 & 11200		F-S, Y	2b
MATH-21400	Differential Equations	3	MATH-11200		S, Y	
MATH-21600	Intro to Mathematical Statistics	3	MATH-11200		F, Y	
MATH-23100	Linear Algebra	3	MATH-11200		F, Y	
MATH-27000	Mathematical Reasoning with Discrete Math	3	MATH-18500 ***or*** MATH-23100	MATH-18500	S, Y	
MATH-29100	Sophomore Seminar	1	MATH-11200 & MATH-23100 ***or*** 27000	MATH-27000	S, Y	
*	Math Electives (See below)	3 - 4				
	Total	**31-33**				

*** Select one math elective at the level 3 or above (except for MATH-39100, 39500, 49100, or 49500)**

Electives	**60-62**
Total B.A. in Mathematics-Economics	**120**