BACHELOR of Science in MATHEMATICAL ECONOMICS (#731)
GENERAL MATHEMATICAL ECONOMICS CONCENTRATION
Department of Economics / Department of Mathematics
Gordon Ford College of Business / Ogden College of Science and Engineering
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

Success Markers

SAMPLE - 4 year plan

FIRST YEAR	Fall Semester		Spring Semester	
Visit The Learning Center for free tutoring	General Education Course A-II	3	PHIL 215 – Elementary Logic **OR** EE 180 -	3
	ENG 100 – Introduction to College Writing	3	General Education Course E	3
	HIST 119 – Western Civ to 1648 **OR** HIST 120 – Western Civ Since 1648	3	General Education Course B-II	3
	General Education Course C	3	MATH 137 – Calculus II (*MATH 136, C or better*)	4
	MATH 136* – Calculus I	4	General Education Course F	1
	TOTAL CREDIT HOURS	**16**	**TOTAL CREDIT HOURS**	**16**

SECOND YEAR	Fall Semester		Spring Semester	
	Econ 202* - Principles of Economics (Micro)	3	Econ 203* - Principles of Economics (Macro)	3
	ENG 200 – Introduction to Literature	3	COMM 161 – Business and Professional Speaking	3
	MATH 307 – Introduction to Linear Algebra (*MATH 136 & EE 180/PHIL 215, "C" or Better*)	3	General Education Course D	3
	MATH 310 – Intro to Discrete Math **OR** MATH 331 – Differential Equations	3	MATH 237 – Multivariable Calculus (*MATH 137, "C" or Better*)	3
	*ECON 206 – Statistics (*ECON 202/203*) **OR** STAT 301 – Probability and Applied Statistics (*MATH 136, MATH 142, "C" or Better*)	3	General Elective Course	3
			General Education Course F	1
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**16**

WINTER TERM	Winter Term	
Why not Study Abroad?		
	TOTAL CREDIT HOURS	

Bachelor of Science in Mathematical Economics: General - Sample 4 year plan (2013-2014)

THIRD YEAR	Fall Semester		Spring Semester	
	ECON 302 – Microeconomic Theory *(ECON 202, 203, and 206)*	3	ECON 303 – Macroeconomic Theory *(ECON 202, 203, and 206)*	3
Visit Career Services	ECON 306 – Stat Analysis *(ECON 206)* **OR** ECON 307 – Fin Data Modeling *(ECON 206)*	3	ECON 465 – Regression and Econometric Analysis *(ECON 206)* **OR** ECON 480 – Economic Forecasting *(MATH 116 (or higher), ECON 202, 203, &206)*	3
	General Elective	3	ENG 300 – Writing in the Disciplines	3
	General Elective	3	General Elective	3
	General Elective	3	General Education Course D-IL	4
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**16**

FOURTH YEAR	Fall Semester		Spring Semester	
	ECON 464 – Mathematical Economics *(ECON 302 and 303)*	3	ECON 497 **OR** MATH 497 – Senior Seminar in Mathematical Economics	1
Apply for Graduation	Math Upper-Division Elective**	3	ECON Upper-Division Elective**	3
	General Elective	3	General Elective	3
	General Elective	3	Upper Division General Elective	3
	Upper Division General Elective	3	Upper Division General Elective	3
Celebrate	**TOTAL CREDIT HOURS**	**15**	**TOTAL CREDIT HOURS**	**13**
			Total Credit Hours: 120	

* Denotes prerequisite courses before admission to the Gordon Ford College of Business

** Three more hours from MATH 305, 310, 331, 382, 405, 435.

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change.

Consult your advisor each semester.

Course Descriptions may be viewed at http://www.wku.edu/catalog

For more Information:

Department: Economics	Mathematics
Website: www.wku.edu/economics	www.wku.edu/math
Phone: (270)745-2249	270-745-3651
Email: econ@wku.edu	math@wku.edu

Course Descriptions: http://www.wku.edu/undergraduatecatalog/

Bachelor of Science in Mathematical Economics: General - Sample 4 year plan (2013-2014)