	BACHELOR of SCIENCE in MATHEMATICAL ECONOMICS (#731) **General Track** Department of Mathematics / Department of Economics Ogden College of Science and Engineering / Gordon Ford College of Business 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.

SAMPLE – Finish in Four Plan

FIRST YEAR			
Fall Semester		**Spring Semester**	
MATH 136 – Calculus I (F-Quantitative Reasoning)	4	MATH 137 – Calculus II	4
ENG 100 – Introduction to College Writing (F-College Composition)	3	COMM 145 – Fundamentals of Public Speaking and Communication (F-Human Communication)	3
HIST 101 – World History I **OR** HIST 102 – World History II (F-World History)	3	Colonnade (E-Arts & Humanities)	3
Colonnade (E-Social & Behavioral Sciences)	3	Colonnade (E-Natural & Physical Sciences)	3
Foreign Language	3	General Elective	3
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
ECON 206 – Statistics **OR** STAT 301 – Probability and Applied Statistics	3	MATH 237 – Multivariable Calculus	4
MATH 307 – Introduction to Linear Algebra	3	ENG 200 – Introduction to Literature (F-Literary Studies)	3
MATH 310 – Intro to Discrete Math **OR** MATH 331 – Differential Equations	3	Colonnade (C-Social & Cultural)	3
Colonnade (E-Natural & Physical Science, with lab)	3-5	Colonnade (C-Local to Global)	3
TOTAL CREDIT HOURS	**15-17**	**TOTAL CREDIT HOURS**	**16**

THIRD YEAR				
Fall Semester			**Spring Semester**	
ECON 302 – Microeconomic Theory	3		ECON 303 – Macroeconomic Theory	3
ECON 306 – Stat Analysis **OR** ECON 307 – Financial Data Modeling	3		ECON 465 – Regression and Econometric Analysis **OR** ECON 480 – Economic Forecasting **OR** STAT 401 – Regression Analysis	3
MATH Upper-Division Elective*	3		ECON Upper-Division Elective	3
Colonnade (F-Writing in the Disciplines)	3		General Electives	6
Colonnade (C-Systems)	3			
TOTAL CREDIT HOURS	**15**		**TOTAL CREDIT HOURS**	**15**

FOURTH YEAR				
Fall Semester			**Spring Semester**	
ECON 464 – Mathematical Economics	3		ECON 497 **OR** MATH 497 – Senior Seminar in Mathematical Economics	1
General Electives	10		General Electives	11-13
TOTAL CREDIT HOURS	**13**		**TOTAL CREDIT HOURS**	**12-14**

<p style="color:red;">Total Credit Hours: 120</p>

* MATH 310 (if not taken above), MATH 331 (if not taken above), MATH 305, 382, 405, or 435.

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

For more Information:

Department: Mathematics	Economics
Website: www.wku.edu/math	www.wku.edu/economics
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Course Descriptions: http://www.wku.edu/undergraduatecatalog/