

Sample Graduation Plan - MATHEMATICS & STATISTICS MAJOR
Track of Study - **MATHEMATICS**

Total Credit Hours: 121 **

Fall - Year 1 (15 hours)	Pre-Req	Cr Hr
MA 125 - Calculus I	C or better in MA 113 or MA 115 or sufficient MMT score*	4
Fine & Perf Arts (Bulletin)		3
EH 101 - Composition I		3
CAS 100 - First Year Experience		2
Hum & Fin Arts		3
	TOTAL HOURS:	15

Spring - Year 1 (16 hours)	Pre-Req	Cr Hr
MA 126 - Calculus II	C or better in MA 125	4
MA 320 - Foundations of Mathematics	C or better in EH 102 or EH 104 and MA 125	3
EH 102 - Composition II		3
CA 110 - Public Speaking		3
Hum & Fin Arts		3
	TOTAL HOURS:	16

Fall - Year 2 (16 hours)	Pre-Req	Cr Hr
MA 227 - Calculus III	C or better in MA 126	4
ST 315 - Applied Probability and Statistics	HS level algebra is recommended	3
Natural Science (Class 1 of 2 - see catalogue)		3
Natural Science Lab (see catalogue)		1
Lit Comp		3
Elective (minor field)		3
	TOTAL HOURS:	17

Spring - Year 2 (16 hours)	Pre-Req	Cr Hr
MA 237 - Linear Algebra I	C or better in MA 126	3
MA 238 - Applied Differential Equations I	Should have taken or currently taking MA 227	3
Natural Science (Class 2 of 2 - see catalogue)		3
Natural Science Lab (see catalogue)		1
Elective (minor field)		3
Elective (minor field)		3
	TOTAL HOURS:	16

Fall - Year 3 (15 hours)	Pre-Req	Cr Hr
MA 334 - Advanced Calc I	C or better in MA 227 and MA 237; taken MA 320 or consent of instructor	3
ST 335 - Applied Regression Analysis	ST 210 or ST 315 or ST 320	3
Foreign Language (Class 1 of 2)		3
HY 101 - History of Western Civilization I		3
Elective (minor field)		3
	TOTAL HOURS:	15

Spring - Year 3 (15 hours)	Pre-Req	Cr Hr
MA 335 - Advanced Calc II	C or better in MA 334	3
MA 316 - Linear Algebra II		3
Foreign Language (Class 2 of 2)		3
HY 102 - History of Western Civilization II		3
Elective (minor field)		3
	TOTAL HOURS:	15

Fall - Year 4 (15 hours)	Pre-Req	Cr Hr
MA 311 - Introduction to Number Theory		3
MA 413 - Algebra I		3
Hist, Soc, Beh (Bulletin)		3
Elective (minor field)		3
Elective		3
	TOTAL HOURS:	15

Spring - Year 4 (15 hours)	Pre-Req	Cr Hr
MA 437 - Complex Variables		3
Hist, Soc, Beh (Bulletin)		3
Elective (minor field)		3
Elective		3
	TOTAL HOURS:	12

The General 4-Year Graduation Plan is designed as a guide for students preparing for their course selections. This information provides only a Undergraduate students need 47 hours in Gen Ed and 44 hours in Mathematics/Statistics courses. See bulletin for required courses.

All College of Arts and Sciences (CAS) students must take CAS 100 their first semester. See bulletin for details.

* - MMT = MyMathTest (this is the Math Placement Test the university uses)

** - See breakdown of credit hours on Gen Ed and Math Req Tab

Elective courses	21 Hours
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Math course	45 Hours
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[Required Introductory and Intermediate Course for All Math Students](#)

[Required Course for MATHEMATICS track of study](#)

[Required elective \(may Substitute MA 414 Algebra II, MA 434 Topology or MA 490 Special Topics\)](#)