



YOUR SUGGESTED COURSE MAP
 From Associate of Science, General Studies –
 Concentration in Business to Athens State
 University's Bachelor of Science in
 Mathematics

Associate of Science General Studies, Mathematics Concentration			
Course Prefix		Course Description	Credit Hours
	ORI 110	Freshman Seminar	1
AREA I	ENG 101	English Composition I	3
	ENG 102	English Composition II	3
AREA II	ART, MUS, THR	Fine Arts Elective	3
	ENG*	Literature Elective*	3
	PHL, SPA, REL, etc.	Humanities Elective	3
	PHL, SPA, REL, etc.	Humanities Elective (<i>or second Literature Elective</i>)	4
AREA III	MTH 113	Precalculus Trigonometry	3
	PHY 213	General Physics with Calculus I	4
	PHY 214	General Physics II	4
AREA IV	HIS*	History Elective*	3
	HIS, PSY, SOC, GEO, etc.	Social Science Elective (<i>or second History Elective</i>)	3
	HIS, PSY, SOC, GEO, etc.	Social Science Elective	3
	HIS, PSY, SOC, GEO, etc.	Social Science Elective	3
AREA V	CIS 251	C++ Programming	3
	MTH 125	Calculus I	3
	MTH 126	Calculus II	3
	MTH 227	Calculus III	3
	MTH 237	Linear Algebra	3
			3
			3

*A course sequence in either literature or history is required.

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Bachelor of Science in Mathematics (With Required Minor)			
	Course Prefix	Course Description	Credit Hours
	UNV 300	Pathway to Success	3
	ITE 301	Problem Solving with Computers (Unless CIS 146 was completed at Drake the community college level)	3
	CS 317	Computer Science I	3
	MA 308	Discrete Mathematics	3
	MA 310	Matrices & Linear Algebra (Unless MTH 237 was completed at community college level)	3
	MA 320	Introduction to Abstract Algebra	3
	MA 314 or MA 321	College Geometry or Differential Equations (Unless MTH 238 was completed at the community college level)	3
	MA 330	Advanced Mathematical Software	3
	MMA 331 or MA 431	Applied Probability & Statistics or Introduction to Mathematical Statics	3
	MA 470	Senior Mathematics Seminar	3
	UNV 400	Career Seminar	1
	Mathematics Electives	Choose three courses from Approved Mathematics Electives	9
	Required Minor	Required Minor Courses	Up to 18
	Electives	Electives hours to meet graduation requirements	As needed