

Associate of Science, General Studies

	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	English Elective*	3
	PHL, SPA, REL, etc.	Humanities Elective	3
	PHL, SPA, REL, etc.	Humanities Elective (Or Second Literature)	3
AREA III	MTH 112	Precalculus Algebra	3
	BIO, PHY, PHS, CHM, GLY	Natural Science I	4
	BIO, PHY, PHS, CHM, GLY	Natural Science II	4
AREA IV	HIS*	History Elective*	3
	HIS, PSY, SOC, GEO, etc.	Social Science Elective (Or Second History Elective)	3
	HIS, PSY, SOC, GEO, etc.	Social Science Elective	3
	HIS, PSY, SOC, GEO, etc.	Social Science Elective	3
AREA V	General Elective	General Elective (Recommend MTH 113 for transfer)	3
	General Elective	General Elective (Recommend MTH 125 for transfer)	4
	General Elective	General Elective (Recommend MTH 126 for transfer)	4
	General Elective	General Elective (Recommend MTH 227 for transfer)	4
	General Elective	General Elective (Recommend CIS 251 for transfer)	3
	General Elective	General Elective	1-3

*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	Pathways to Success	3
ITE 301	Problem Solving with Computers <i>(Unless CIS 146 was completed at the community college level)</i>	3
CS 317	Computer Science I	3
MA 308	Discrete Mathematics	3
MA 310	Matrices & Linear Algebra <i>(Unless MTH 237 was completed at the community college level)</i>	3
MA 320	Introduction to Abstract Algebra	3
MA 314 or MA 321	College Geometry or Differential Equations <i>(Unless MTH 238 was completed at the community college level)</i>	3
MA 330	Advanced Mathematical Software	3
MA 331 or MA 431	Applied Probability & Statistics or Introduction to Mathematical Statistics	3
MA 470	Senior Mathematics Seminar	3
UNV 400	Career Seminar	1
Mathematics Electives	Choose three courses from Approved Mathematical Electives.	9
Required Minor	Required Minor Courses	Up to 18
Electives	Elective hours to meet graduation requirements	As needed

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