SUNY Adirondack Liberal Arts and Sciences: Mathematics and Science A.S.					University at Albany Mathematics B.A.				
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
ENG 101	Introduction to College Writing	X		3	AENG 010	English Elective	X		3
MAT 127	Introductory Statistics with Probability (Suggested SUNY Gen. Ed. Mathematics)	X		4	AMAT 108	Elementary Statistics	X		4
MAT 131	Calculus I (Mathematics/Science Core)	X		4	AMAT 112	Calculus I	X		4
MAT 132	Calculus II (Mathematics/Science Core)	X		4	AMAT 113	Calculus II	X		4
MAT 220	Linear Algebra (Mathematics/Science Core)		X	3	AMAT 220	Linear Algebra		X	3
MAT 231	Calculus III (Mathematics/Science Core)		X	4	AMAT 214	Calculus of Several Variables		X	4
MAT 232	Differential Equations (Mathematics/Science Core)		X	4	AMAT 311**	Ordinary Differential Equations		X	4
	SUNY Gen. Ed. American History	X		3		SUNY Gen. Ed. American History	X		3
	SUNY Gen. Ed. The Arts, Foreign Language or Humanities	X		3		SUNY Gen. Ed. The Arts, Foreign Language or Humanities	X		3
	SUNY Gen. Ed. Basic Communication	X		3		SUNY Gen. Ed. Basic Communication	X		3
	SUNY Gen. Ed. Natural Science with Lab	X		4		SUNY Gen. Ed. Natural Science with Lab	X		4
	SUNY Gen. Ed. Social Science	X		3		SUNY Gen. Ed. Social Science	X		3
	SUNY Gen. Ed. Western Civilization	X		3		SUNY Gen. Ed. Western Civilization	X		3
	Health and Wellness Elective			2		General Elective Credits			2
	Mathematics or Science Elective			3		Mathematics or Science Elective			3
	Liberal Arts Electives			6		Liberal Arts Electives			6
	Elective Credits			8		Elective Credits			8
HRD 110	Freshmen Experience*			1		No Credit Transferred			0
					Additional Required and Elective Courses for the Major at UAlbany				
						Challenges of the 21st Century	X	X	3
					AMAT 299	Introduction to Proofs (same semester as UUNL 299)		X	3
						Algebra Elective**		X	3
						Geometry/Topology Elective**		X	3
						Probability/Statistics**		X	3
					UUNL 299	Information Literacy in Mathematics and Statistics (same semester as AMAT 299)		X	2
						Elective credits required for Degree Completion		X	15-21
					Minor	A Minor is required at UAlbany		X	18-24
Total Credits eligible for Transfer				64	Total Transfer Credits Applied to Program				64

*The University at Albany does not accept transfer credit for Freshmen Experience courses at this time
**Algebra Elective: AMAT 326; AMAT 327; AMAT 328; AMAT 424
**Analysis Elective: Transfer credit meets this requirement
**Geometry/Topology Elective: AMAT 331; AMAT 312; AMAT 314; AMAT 409; AMAT 412; AMAT 413; AMAT 414
**Probability/Statistics: AMAT 308; AMAT 362 or 367; AMAT 363; AMAT 370; AMAT 464; AMAT 467

Total Credits Required after Transfer	56
Total Credits Required for Degree	120

A transfer student admitted to the University at Albany who has completed his/her A.A. or A.S. degree will be given credit for meeting SUNY's General Education requirements.
Restricted Major – before declaring a major, students must complete one of the following: AMAT 113, 119, 214, or 218 with a grade of A, B, C, or S. (Transfer credits and grades may be used to satisfy this).