	SUNY Adirondack Liberal Arts and Sciences: Mathematics and Science A.S. – Math Concentration					University at Albany Mathematics B.S.			
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	X		4	AMAT 108	Elementary Statistics	X		4
MAT 131	Calculus I	X		4	AMAT 112	Calculus I	X		4
MAT 132	Calculus II	X		4	AMAT 113	Calculus II	X		4
MAT 220	Linear Algebra		X	3	AMAT 220	Linear Algebra		X	3
MAT 231	Calculus III		X	4	AMAT 214	Calculus of Several Variables		X	4
MAT 232	Differential Equations			4	AMAT 311	Ordinary Differential Equations			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
	Liberal Arts Electives			6		Liberal Arts Electives			6
	Mathematics or Science Elective			3		Mathematics or Science Elective			3
	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
						2 AMAT Sequences **		X	12
						Computer Science Elective		X	6
					UUNL 299	Information Literacy in Mathematics and Statistics (same semester as AMAT 299)		X	2
						Elective credits required for Degree Completion		X	6-12
					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

**Select two of the following Sequences:
- Any two of AMAT 326, AMAT 327, or AMAT 328
- Either (a) AMAT 314 & AMAT 315, or (b) any two of AMAT 312, AMAT 412, AMAT 413, AMAT 414
- Either (a) any two of AMAT 308, AMAT 362/367, AMAT 363, AMAT 369, AMAT 464, AMAT 465, AMAT 467, AMAT 468; or (b) AMAT 370 and of the following AMAT 367, AMAT 369, AMAT 464, AMAT 465, AMAT 467, AMAT 468
- AMAT 312 and AMAT 424 (AMAT 312 cannot be a part of two sequence options)

***Select two courses from: ICSI 101, ICSI 203, ICSI 204, ICSI 205, ICSI 310

****Select one of the following Minors: Atmospheric Science, Biology, Business, Chemistry, Computer Science, Economics, Electronics, Geology, Informatics, or Physics

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.

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).