

SUNY Adirondack Liberal Arts and Sciences: Mathematics and Science A.S.					University at Albany Atmospheric Science B.S. (Combined Major/Minor)				
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
CHM 111	General Chemistry I (SUNY Gen. Ed. Natural Science lab science)	X	X	4	ACHM 120/124	General Chemistry I/Lab	X	X	4
EGR 105	Engineering Physics I (Mathematics/Science Core)	X	X	4	APHY 140/145	Physics I: Mechanics/Lab	X	X	4
EGR 106	Engineering Physics II (Mathematics/Science Core)	X	X	4	APHY 150/155	Physics II: Electromagnetism/Lab	X	X	4
ENG 101	Introduction to College Writing	X		3	AENG 010Z	English Elective	X		3
MAT 131	Calculus I (Suggested SUNY Gen. Ed. Mathematics)	X	X	4	AMAT 112	Calculus I	X	X	4
MAT 132	Calculus II (Mathematics/Science Core)	X	X	4	AMAT 113	Calculus II	X	X	4
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. 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 Elective			6		Liberal Arts Elective			6
	Mathematics or Science Elective			4		Mathematics or Science			4
	Elective Credits			6		Elective Credits			6
HRD 110	Freshmen Experience*			1		No Credit Transferred			0
					Additional Required and Elective Courses for the Major/Minor at UAlbany				
						Challenges of the 21 st Century	X	X	3
					AATM 209	Weather Workshop (Corequisite with AATM 210)		X	1
					AATM 210	Atmospheric Structure, Thermodynamics, and Circulation (Corequisite with AATM 209)		X	3
					AATM 211	Weather Analysis and Forecasting		X	4
					AATM 315	Environmental Statistics and Computation		X	4
					AATM 316	Dynamic Meteorology I		X	3
					AATM 317	Dynamic Meteorology II		X	3
					AATM 320	Atmospheric Thermodynamics		X	3
					AATM 321	Physical Meteorology		X	4
					AATM 350	Meteorological Data Analysis and Visualization		X	2
					AATM 418	Dynamic Meteorology III		X	3
					AATM 419	Applications of Numerical Weather Prediction		X	3
						Atmospheric Science Electives (301 and higher)**		X	12
						Elective credits required for Degree Completion		X	8
				Total Credits eligible for Transfer	64				
								Total Transfer Credits Applied to Program	64
								Total Credits Required after Transfer	56
								Total Credits Required for Degree	120

*The University at Albany does not accept transfer credit for Freshmen Experience courses at this time.

**Excluding AATM 304 and including one of AATM 311 and AATM 405. No more than 6 credits from AATM 490, AATM 497, AATM 498, or AATM 499. A maximum of 3 credits from AATM 490 will apply.

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.