

SUNY Adirondack Liberal Arts and Sciences: Mathematics and Science A.S. – Chemistry Concentration					University at Albany Chemistry 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	X	X	4	ACHM 120/124	General Chemistry I/Lab	X	X	4
CHM 112	General Chemistry II		X	4	ACHM 121/125	General Chemistry II/Lab		X	4
CHM 203	Organic Chemistry I		X	4	ACHM 220/222	Organic Chemistry I/Lab		X	4
CHM 204	Organic Chemistry II		X	4	ACHM 221/223	Organic Chemistry II/Lab		X	4
EGR 105	Engineering Physics I	X	X	4	APHY 140/145	Physics I: Mechanics	X	X	4
EGR 106	Engineering Physics II	X	X	4	APHY 150/155	Physics II: Electromagnetism/Lab	X	X	4
EGR 204	Engineering Physics III	X	X	4	APHY 240/245	Physics III: Structure of Matter/Lab	X	X	4
ENG 101	Introduction to College Writing	X		3	AENG 010	English Elective	X		3
MAT 131	Calculus I	X	X	4	AMAT 112	Calculus I	X	X	4
MAT 132	Calculus II	X	X	4	AMAT 113	Calculus II	X	X	4
MAT 231	Calculus III (Suggested Elective Credits)		X	4	AMAT 214	Calculus of Several Variables		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
	Elective Credits			4		Elective Credits			4
HRD 110	Freshmen Experience *			1		No Credit Transferred			0
					Additional Required and Elective Courses for the Major at UAlbany				
						Challenges of the 21 st Century	X	X	3
					ACHM 226/227	Quantitative Analysis/Lab	X	X	4
					ACHM 342 or ACHM 442	Introduction to Biochemistry or Comprehensive Biochemistry I		X	3
					ACHM 350	Physical Chemistry I		X	3
					ACHM 351	Physical Chemistry II		X	3
					ACHM 352Z	Physical Chemistry Lab		X	3
					ACHM 417	Advanced Synthesis Lab		X	3
					ACHM 420	Inorganic Chemistry I		X	3
						Advanced Chemistry Laboratory**		X	3
						Advanced Chemistry***		X	3
						Elective credits required for Degree Completion		X	25
				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

**Advanced Chemistry Laboratory select from: ACHM 426; ACHM 430; ACHM 450

***Advanced Chemistry courses other than: ACHM 424; ACHM 425; ACHM 426

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.