

Mohawk Valley Community College LAS: Mathematics & Science - Chemistry					University at Albany Forensic 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	
CF100	College Foundations Seminar (1)			1	QNCRE00	No Credit Given at UAlbany			0	
CH141	General Chemistry 1	X	X	4	ACHM 120/124	General Chemistry I/Lab	X	X	4	
EN101	English 1: Composition	X		3	ANEG 100Z	Introduction to Analytical Writing	X		3	
MA151	Calculus 1	X	X	4	AMAT 112	Calculus I	X	X	4	
	Core GE Social Science (A)	X		3		SUNY Gen Ed Social Science Elective	X		3	
	Physical Education			.5		General Elective Credit			.5	
CH 142	General Chemistry II	X	X	4	ACHM 121/125	General Chemistry II/Lab	X	X	4	
EN102	English 2: Ideas & Values in Literature	X		3	AENG 121	Reading Literature	X		3	
MA152	Calculus 2	X	X	4	AMAT 113	Calculus 2	X	X	4	
PH261	Engineering Physics 1	X	X	4	APHY 140/145	Physics I: Mechanics/Lab	X	X	4	
	Physical Education			.5		General Elective Credit			.5	
CH247	Organic Chemistry 1	X	X	5	ACHM 220/222	Organic Chemistry I/Lab	X	X	5	
PH262	Engineering Physics 2	X	X	4	APHY 150/155	Physics II: Electromagnetism/Lab	X	X	4	
	Restricted Elective (B)			4		General Elective Credit				
	Physical Education			.5		General Elective Credit			.5	
CH248	Organic Chemistry 2	X	X	5	ACHM 221/223	Organic Chemistry II/Lab	X	X	5	
HI101	History of Civilization 1	X		3	AHISE10WD	100-Level History Elective	X		3	
	Restricted Elective (B)			3-4		General Elective Credit			3-4	
CH246	Quantitative Analysis (Suggested Restricted Elective) (2)		X	5	ACHM 226/227	Quantitative Analysis/Lab		X	5	
	Physical Education			.5		General Elective Credit			.5	
					Total Credits Eligible for Transfer					60-61
					Additional Required and Elective Courses for the Major at UAlbany					
						Challenges of the 21 <sup>st</sup> Century	X	X	3	
					ACHM 250/251	Introduction to Forensic Chemistry/Lab		X	4	
					ACHM 342 or ACHM 442	Introduction to Biochemistry Comprehensive Biochemistry I		X	3	
					ACHM 350 or ACHM 444	Physical Chemistry I Biophysical Chemistry I		X	3	
					ACHM 351 or ACHM 445	Physical Chemistry II Biophysical 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	
					ACHM 429/431	Instrumental Analysis/Lab		X	4	
					ACHM 447	Advanced Forensic Chemistry		X	3	
					ACHM 448	Advanced Forensic Chemistry Lab I		X	2	
					ACHM 449	Advanced Forensic Chemistry Lab II		X	2	
					AMAT 108	Elementary Statistics	X	X	3	
					Elective Credits Required for Degree Completion					20-21
Total credits required for degree completion at MVCC				61-62	Total Credits required at UAlbany				59-60	
					Total Credits Applied to Program				60-61	
					Total Credits Required for Degree				120	

(A)Social Science (choose one): AN 101, GE 101, PS 101, PY 101, or SO 101.

(B)Restricted Elective (choose three):BI 141, BI 142, BI 201, CH 246, ES 161, GL 101, MA 253, MA 260, or OH 263.

(1)The University at Albany does not accept transfer credit for College Foundations Seminar courses.

(2)This course is suggested because it meets a requirement for the major at UAlbany upon transfer.

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.