

Dutchess Community College Liberal Arts and Sciences – Science A.S.					University at Albany Chemistry – 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
BHS 103	Social Problems in Today's World	X		3	ASOC 180	Social Problems	X		3
CHE 121	General Chemistry I (Suggested Science Elective) (1)	X	X	4	ACHM 120/124	General Chemistry I/Lab	X	X	4
CHE 122	General Chemistry II (Suggested Science Elective) (1)	X	X	4	ACHM 121/125	General Chemistry II/Lab	X	X	4
CHE 231	Organic Chemistry I (Suggested Science Elective) (1)	X	X	4	ACHM 220/222	Organic Chemistry I/Lab	X	X	4
CHE 232	Organic Chemistry II (Suggested Science Elective) (1)	X	X	4	ACHM 221/223	Organic Chemistry II/Lab	X	X	4
ENG 101	English Composition	X		3	AENG 100Z	Introduction to Analytical Writing	X		3
ENG 102	English Composition II	X		3	AENG 010Z	English Elective	X		3
MAT 118	Elementary Statistics (Suggested Math) (1)	X	X	3	AMAT 108	Elementary Statistics	X	X	3
MAT 221	Calculus I (Suggested Elective) (1)	X	X	4	AMAT 112	Calculus I	X	X	4
PHY 151	Engineering Physics I (Suggested Elective) (1)	X	X	4	APHY 140/145	Physics I: Mechanics/Lab	X	X	4
PHY 152	Engineering Physics II (Suggested Elective) (1)	X	X	4	APHY 150/155	Physics II: Electromagnetism/Lab	X	X	4
SCI 100	Science Introductory Seminar			1	NOCR	No Credit Transferred			0
WFE 101	Lifetime Wellness and Fitness			3	DPEC 030	Physical Education Elective			3
	American History	X		3		History Elective	X		3
	Electives/Free Electives			7		General Electives			7
	General Education Elective (2)	X		3		General Education Elective	X		3
	Humanities (3)	X		3		Humanities Elective	X		3
	Social Science (4)			3		Social Science Elective			3
					Total Credits Eligible for Transfer				
					63				
					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	4
					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 or Biophysical Chemistry I		X	3
					ACHM 351 or ACHM 445	Physical Chemistry II or 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 447/448	Advanced Forensic Chemistry/Lab		X	3
					ACHM 449	Advanced Forensic Chemistry Lab II		X	2
						Elective Credits Required for Degree Completion		X	19
Total credits required for degree completion at SUNY Dutchess					Total Credits Required at UAlbany				
64					57				
					Total Transfer Credits Applied to Program				
					63				
					Total Credits Required for Degree				
					120				

- (1) This course is suggested because it meets a requirement for the major at UAlbany upon transfer.
- (2) General Education electives should be selected from courses listed in General Education Appendices D, E, F, and I. Students may select a course from Appendix D only if HIS 104 has not been previously taken. Students may select from Appendix F only if HIS 108 has not been previously taken.
- (3) Humanities courses should be selected from the applicable area of the General Education Appendices. Students may not use ENG 102 to satisfy this requirement.
- (4) Social Science courses should be selected from one of the applicable areas: behavioral science, economics, geography, government, history, HE 101, or psychology. Students may not use BHS 103 to satisfy this requirement.

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.