

Dutchess Community College Liberal Arts and Sciences – Science A.S.					University at Albany Chemistry B.A. (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 221	Calculus I (Suggested Math) (1)	X	X	4	AMAT 112	Calculus I	X	X	4
MAT 222	Calculus II (Suggested Elective) (1)	X	X	4	AMAT 113	Calculus II	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 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 444	Biophysical Chemistry I		X	3
						Advanced Chemistry Elective (5)		X	3
						Elective Credits Required for Degree Completion		X	31
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.

(5) Advanced Chemistry Electives must be at the 300-level or higher.

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.