

Dutchess Community College Liberal Arts and Sciences – Science A.S.					University at Albany Biology 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
BIO 105	General Biology I (Suggested Science Elective) (1)	X	X	4	ABIO 131/201	General Biology: Molecular & Cell Biology/Lab	X	X	4
BIO 106	General Biology II (Suggested Science Elective) (1)	X	X	4	ABIO 130/201	General Biology: Ecology, Evolution and Physiology I/Lab	X	X	4
BIO 205	Genetics (Suggested Elective) (1)	X	X	4	ABIO 212Y	Introductory Genetics	X	X	4
BIO 213	Cell Physiology (Suggested Electives/Free Electives) (1)		X	3	ABIO 217	Cell Biology		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
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 121	General Physics I (Suggested Elective) (1)	X	X	4	APHY 105/106	General Physics I/Lab	X	X	4
PHY 122	General Physics II (Suggested Elective) (1)	X	X	4	APHY 108/109	General Physics II/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			3		General Electives			3
	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
					<b>Total Credits Eligible for Transfer</b>				
					<b>63</b>				
					<b>Additional Required and Elective Courses for the Major at UAlbany</b>				
						Challenges of the 21 <sup>st</sup> Century	X	X	3
					ABIO 365	Biological Chemistry I		X	3
					ABIO 402	Evolution		X	3
					ACHM 220/222	Organic Chemistry I/Lab		X	4
					ACHM 221/223	Organic Chemistry II/Lab		X	4
						Biology Electives (5)		X	15
						Elective credits required for Degree Completion		X	25
<b>Total credits required for degree completion at SUNY Dutchess</b>					<b>Total Credits Required at UAlbany</b>				
<b>64</b>					<b>57</b>				
					<b>Total Transfer Credits Applied to Program</b>				
					<b>63</b>				
					<b>Total Credits Required for Degree</b>				
					<b>120</b>				

- (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) Major Electives must have 6 credits at the 300-level, and 3 credits at the 400-level. Must include at least 3 courses that are partially or exclusively laboratory courses. ABIO 399/399Z and 499/499Z may be used to fulfill 1 laboratory course if the student completes at least 4 credits over at least 2 semesters. ABIO 399/399Z and 499/499Z may contribute 4 credits towards the major.

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.