

Dutchess Community College Liberal Arts and Sciences – Science A.S.					University at Albany Environmental Science 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
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 (Math)	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
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			15		General Electives			15
	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
					AATM 210	Atmospheric Structure, Thermodynamics, and Circulation		X	3
					AATM/AENV 315	Environmental Statistics and Computation		X	4
					AATM/AENV 327	Meteorological and Environmental Measurement		X	3
					ABIO 330	Principles of Ecology and Evolution		X	3
					AENV 105/106	Introduction to Environmental Science/Lab		X	4
					AENV 302	Ocean Science		X	3
					AENV 490	Major Topics in Environmental Science		X	3
					AGEO 221	Understanding the Earth		X	3
						Elective Credits required for Degree Completion		X	6-7
						Environmental Science Specialization (5)		X	21-22
<b>Total Credits Eligible for Transfer</b>					<b>Total Transfer Credits Applied to Program</b>				
<b>64</b>					<b>63</b>				
					<b>Total Credits Required after Transfer</b>				
					<b>57</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)At the time of major declaration, students will select one of the follow specializations: Climate Change, Ecosystems, Geography, or Sustainability Science and Policy.

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.