

Mohawk Valley Community College Liberal Arts & Sciences: Mathematics & Science - Biology				SUNY Polytechnic Institute Biology				
Course #	Course Title	SUNY Gen Ed	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Credits Accepted	
CF 100	College Foundation Seminar		1	FYS 101	First Year Seminar		1	
BI141	General Biology 1	X	4	BIO 103T + BIO 103L	Biology I Lecture + Biology I Laboratory	X	4	
MA150	Pre-Calculus	X	4	MAT 120	Precalculus	X	4	
CH141	General Chemistry 1	X	4	CHE 130T + CHE 130L	Introductory Chemistry I Lecture and Laboratory	X	4	
	Physical Education		.5	REC 000	Recreation Elective		.5	
EN 101	Composition	X	3	ENG 101	English Composition	X	3	
EN102	English 2: Ideas & Values in Literature	X	3	ENG 110	Intro to Literature	X	3	
BI142	General Biology 2	X	4	BIO 104T + BIO 104L	Biology II Lecture and Biology II Laboratory	X	4	
MA151	Calculus 1	X	4	MAT 150	Calculus I	X	4	
CH142	General Chemistry 2	X	4	CHE 131T + CHE 131L	Introductory Chemistry II Lecture and Laboratory	X	4	
	Physical Education		.5	REC 000	Recreation Elective		.5	
CH247	Organic Chemistry 1	X	5	CHE 230T + CHE 230L	Organic Chemistry I Lecture and Laboratory	X	5	
MA152	Calculus 2	X	4	MAT 152/ STA 100	Calculus III/ Statistics	X	4	
HI101	History of Civilization	X	3		OCV & WCV Gen Ed	X	3	
	Social Science Elective (see 'C' below)	X	3		Social Science Elective	X	3	
	Physical Education		.5	REC 000	Recreation Elective		.5	
Spring Year Two				Spring Year Two				
CH248	Organic Chemistry 2	X	5	CHE 231T + CHE 231L	Organic Chemistry II Lecture and Laboratory	X	5	
	Natural Science Elective (see 'A' below)	X	4		Natural Science Elective	X	4	
	History Elective (see 'B' below)	X	3		History Elective	X	3	
	Social Science Elective (see 'C' below)	X	3		Social Science Elective	X	3	
	Physical Education		.5		Physical Education		.5	
				Fall Year Three				
				BIO 270	Cell Biology		4	
				CHE 430T + CHE 430L	Biochemistry I Lecture and Laboratory		3,1	
				PHY 101T + PHY 101L	Physics I Lecture and Laboratory		3,1	
				COM 308	Analytical and Research Writing		4	
				BIO 390	Junior Seminar		1	
				Spring Year Three				
				BIO 351	Genetics		4	
				STA 100	Statistics		4	
				BIO 315	Plant/Animal Physiology		4	
					Open elective		4	
				Fall Year Four				
				BIO 300T + BIO 300L	Ecology Lecture and Laboratory		3,1	
					Biology program required elective		4	
				PHY 101T + PHY 101L	Physics I Lecture and Laboratory		3,1	
				Spring Year Four				
				BIO 380	Evolution		4	
				BIO 315	Plant/Animal Physiology		4	
					Biology program required elective 300/400 level		4	
					Open elective		4	
				BIO 487	Senior Seminar		1	
			<b>Total Credits Eligible for Transfer</b>				<b>64</b>	
						<b>Total Transfer Credits Applied to Program</b>	<b>64</b>	
						<b>Total Credits Required after Transfer</b>	<b>60</b>	
						<b>Total Credits Required for Degree</b>	<b>124</b>	

- A.) Natural Sciences (choose one): BI105, BI151, BI201, WE101  
 B.) History elective (choose one): HI102, HI111, HI112  
 C.) Social Science elective (choose one): AN101, BM101, PS101, PY101, or SO101

Poly Recommendations: BI201 if planning on health care professions