

Mohawk Valley Community College LAS: Mathematics & Science – General Science					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	
EN101	English 1: Composition	X		3	ENG 101	English Composition	X		3	
BI141	General Biology 1	X		4	BIO 103T + BIO 103L	Biology I Lecture and Biology I Laboratory	X		4	
MA125	College Algebra & Trigonometry	X		4	MAT 100	College Algebra	X		4	
HI101	History of Civilization 1	X		3		Gen Ed	X		3	
	Physical Education			.5		Recreation Elective			.5	
Spring Year One					Spring Year One					
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	
CH141	General Chemistry 1	X		4	CHE 130T + CHE 130L	Introductory Chemistry I Lecture and Laboratory	X		4	
MA150	Pre-Calculus	X		4	MAT 120	Pre-Calculus	X		4	
	Physical Education			.5	Rec 000	Recreation Elective			.5	
CH142	General Chemistry 2	X		4	CHE 131T + CHE 131L	Introductory Chemistry II Lecture + Laboratory	X		4	
	Natural Science Elective (see 'A' below)	X		4		Elective	X		4	
	Natural Science Elective (see 'A' below)	X		4		Elective	X		4	
	Social Science Elective (see 'B' below)	X		3		Soc Sci Gen Ed	X		3	
	Physical Education			.5		Recreation Elective			.5	
IS101	Computers and Society	X		3					3	
	History Elective (see 'E' below)	X		3		Gen Ed	X		3	
	Natural Science Elective (see 'A' below)	X		4		NSC	X		4	
	Social Science Elective (see 'B' below)	X		3		Soc Sci Gen Ed	X		3	
	Restricted Elective (see 'C' below)	X		3 – 4		Elective	X		3 – 4	
	Physical Education			.5	REC 000	Recreation Elective			.5	
					Fall Year Three					
					BIO 270	Cell Biology			4	
					CHE 230T + CHE 230L	Organic Chemistry I Lecture and Laboratory			3,1	
					BIO 390	Junior Seminar			1	
					COM 308	Analytical and Research Writing			4	
					PHY 101T + PHY 101L	Physics I Lecture and Laboratory			3,1	
					Spring Year Three					
					BIO 351	Genetics			4	
					CHE 231T + CHE 231L	Organic Chemistry II Lecture and Laboratory			3,1	
					STA 100	Statistics			4	
						Biology program required elective			4	
					Fall Year Four					
					BIO 300T + BIO 300L	Ecology Lecture and Laboratory			3,1	
					CHE 340T + CHE 430L	Biochemistry I Lecture and Laboratory			3,1	
						Biology program required elective			4	
						Biology program required elective			4	
					Spring Year Four					
					BIO 380	Evolution			4	
					BIO 315	Plant/Animal Physiology			4	
					BIO 487	Senior Seminar			1	
						Biology program required elective 300/400 level			4	
						Open elective			4	
				<b>Total Credits Eligible for Transfer</b>					<b>62-64</b>	
								<b>Total Transfer Credits Applied to Program</b>	<b>62-64</b>	
								<b>Total Credits Required after Transfer</b>	<b>60-62</b>	
								<b>Total Credits Required for Degree</b>	<b>124</b>	

- A.) Natural Sciences (choose one): BI105, BI201, BI202, BI216, BI217, CH247, CH248, GL101, GL102, PH141, PH142, PH151, PH152, or WE101
- B.) Social Science elective (choose two): AN101, BM101, GE101, PS101, PY101, or SO101
- C.) Restricted elective (choose one): EN150, EN153, MA115
- D.) Mathematics elective (choose one): MA110, or MA150
- E.) History elective (choose one): HI111, or HI112

Poly Recommendations: Electives PY101, SO101, BI201, BI216 + BI217 if planning on health care profession/med school, CH247 +CH248 if planning to get minor in chemistry