

Mohawk Valley Community College LA&S Math & Science: Environmental Studies					SUNY Polytechnic Institute Biology				
Course #	Course Title	SUNY Gen Ed		Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed		Credits Accepted
CF 100	College Foundations Seminar			1	FYS 101	First Year Seminar			1
BI 141	General Biology I	X		4	BIO 103T + BIO 103L	Biology I Lecture and Biology I Laboratory	X		4
BI 105	Environmental Science			4	BIO 106	Solutions for a Sustainable World	X		4
EN 101	English I: Composition	X		3	ENG 101	English Composition	X		3
MA 115	Intermediate Mathematics	X		4		Gen Ed Mathematics	X		4
Phys Ed	Physical Education			5		Recreation Elective			5
BI 142	General Biology II	X		4	BIO 104T + BIO 104L	Biology II Lecture and Biology II Laboratory	X		4
CH 141	General Chemistry I	X		4	CHE 130T + CHE 130L	Introductory Chemistry I Lecture and Laboratory	X		4
MA 125	College Algebra & Trigonometry	X		4	MAT 110	College Algebra	X		4
EN 102	English II: Ideas & Values in Literature	X		3	ENG 110	Intro to Literature	X		3
Phys Ed	Physical Education			5		Recreation Elective			5
MA 110	Elementary Statistics	X		3	STA 100	Statistics	X		3
HI 101	History of Civilization I	X		3		Gen Ed	X		3
EN 150	Effective Speech	X		3	COM 200	Principles of Speech Communication/Public Speaking	X		3
SO 101	Introduction to Sociology	X		3	SOC 101	Introduction to Sociology	X		3
	Restrictive Elective (see "A" below)	X		4		General Education	X		4
Phys Ed	Physical Education					Recreation Elective			
BI 202	Ecology	X		4	BIO 300	Ecology	X		4
	Business Management Elective (see "B" below)	X		3	BUS	TBD—Gen Ed Social Science	X		3
PS 101	American National Government	X		3		Gen Ed Soc Sci	X		3
	General Education Elective (see "C" below)	X		3		Gen Ed	X		3
Phys Ed	Physical Education			5		Recreation Elective			5
					Fall Year Three				1
					BIO 270	Cell Biology			4
					CHE 230T + CHE 230L	Organic Chemistry I Lecture and Laboratory			3,1
					MAT 120	Precalculus			4
					COM 308	Analytical and Research Writing			4
					Spring Year Three				
					BIO 351	Genetics			4
					CHE 230T + CHE 230L	Organic Chemistry II Lecture and Laboratory			3,1
					MAT 151	Calculus I			4
						Open elective			4
					Fall Year Four				
					CHE 430T + CHE 430L	Biochemistry I Lecture and Laboratory			3,1
					PHY 101T + PHY 101L	Physics I Lecture and Laboratory			3,1
						Biology program required elective			4
						Open elective			4
					Spring Year Four				
					BIO 380	Evolution			4
					BIO 315	Plant/Animal Physiology			4
						Biology program required elective			4
						Biology program required elective 300/400 level			4
					BIO 487	Senior Seminar			1
				Total Credits Eligible for Transfer					62
								Total Transfer Credits Applied to Program	62
								Total Credits Required after Transfer	62
								Total Credits Required for Degree	124

- A.) Students can choose one from the following: CH 142, GL 101, WE 101 or MA 150
 B.) Students can choose one from the following: BM 101, BM 110 or BM 115
 C.) Students can choose one from the following: AN 102, EN 197, GE 101, HI 102, HI 103, HI 104, HI 111
 HI 112, FL 101, HU 183, HU 187, HU 188, HU 204, HU 227,
 HU 228, HU 295, SO 207, TH 193, TH 195, or any foreign language

Poly Recommendations: Social Sciences electives PY101 and SO101 if planning on health care profession/med school

Poly recommendations: CH142 and MA150 as restricted electives, MA151 if possible

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Additional required courses completed at MVCC prior to Poly open up more electives that can be used to complete a minor or pre-graduate school requirements.