

## AS Science - Integrated Environmental Studies (880-05)

The following provides information regarding courses required to complete this major at Virginia Western for planning purposes only. Please see the Academic Catalog and full disclosure statement at <http://catalog.virginiawestern.edu>.

Completed	Course	Course Title	Credit	Requisite	Term Offered
	SDV 101	Orientation to Science	2		F, Sp
	MTE 1	Operations with Positive Fractions	**	Math Placement	F, Sp, Su
	MTE 2	Operations with Positive Decimals and Percents	**	MTE 1	F, Sp, Su
	MTE 3	Algebra Basics	**	MTE 2	F, Sp, Su
	MTE 4	First Degree Equations and Inequalities in One Variable	**	MTE 3	F, Sp, Su
	MTE 5	Linear Equations, Inequalities and Systems of Linear Equations in Two Variables	**	MTE 4	F, Sp, Su
	MTE 6	Exponents, Factoring and Polynomial Equations	**	MTE 5	F, Sp, Su
	MTE 7	Rational Expressions and Equations	**	MTE 6	F, Sp, Su
	MTE 8	Rational Exponents and Radicals	**	MTE 7	F, Sp, Su
	MTE 9	Functions, Quadratic Equations and Parabolas	**	MTE 8	F, Sp, Su
	ENG 111	College Composition I	3	English Placement	F, Sp, Su
	MTH 161	Pre-Calculus I	3	Pre: MTE 1-9 or Co: MCR 6	F, Sp, Su
	ENV 161	Introduction to Environmental Compliance	3		F
	BIO 101 <b>OR</b> CHM 111	General Biology I General Chemistry I	4	MTE 1-5; English Placement	F, Sp, Su
	ENG 112	College Composition II	3	ENG 111	F, Sp, Su
	BIO 102 <b>OR</b> CHM 111	General Biology II General Chemistry II	4	BIO 101 CHM 111	F, Sp, Su
	PHI 220	Ethics	3		F, Sp, Su
	ENV 162	Environmental Principles in Public Health	3		Sp
	GEO 210	People and the Land: Introduction to Cultural Geography	3		F, Sp
	MTH 155 <b>OR</b> MTH 261	Statistical Reasoning Applied Calculus I	3	Pre: MTE 1-5 or Co: MCR 5 MTH 161 or MTH 167 - C or better	F, Sp, Su
	BIO 270	General Ecology	4	Two of the following: BIO 101, BIO 102, BIO 110, BIO 120	F
	FOR 115	Dendrology	4		F
	ECO 201 <b>OR</b> PLS 135	Principles of Macroeconomics U.S. Government and Politics	3		F, Sp, Su
	CST 100	Principles of Public Speaking	3		F, Sp, Su
	BIO 285	Biological Problems in Contemporary Society	3		Sp
	ENG LIT	ENG 241, ENG 242, ENG 243, ENG 244, ENG 251, ENG 252	3	ENG 112	F, Sp, Su
	BIO 271	Introduction to Ecological Systems	4	BIO 101	Sp
	HIS 121 <b>OR</b> HIS 111	United States History I History of World Civilization I	3		F, Sp, Su
<p>**MTE classes are developmental courses. Students may place out of these classes based on various measures, including high school GPA, standardized test scores, or placement testing.</p>				<b>Total program credits: 61</b>	