

# AS Science - Integrated Environmental Studies

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 <b>OR</b> MTH 261	Pre-Calculus I <b>OR</b> Applied Calculus I	3	MTE 1-9 MTH 161 or MTH 167 - C	F, Sp, Su F, Sp, Su
	ENV 161	Introduction to Environmental Compliance	3		F
	BIO 101	General Biology I	4	MTE 1-5 & English Placement	F, Sp, Su
	ENG 112	College Composition II	3	ENG 111	F, Sp, Su
	BIO 102	General Biology II	4	BIO 101	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	Statistical Reasoning	3	MTE 1-5	F, Sp, Su
	IES ELE	BIO 270, BIO 271, CHM 111, CHM 112 or GOL 105	4		
	IES ELE	BIO 270, BIO 271, CHM 111, CHM 112 or GOL 105	4		
	ECO 201 <b>OR</b> PLS 211	Principles of Macroeconomics <b>OR</b> U.S. Government I	3		F, Sp F, Sp
	CST 100	Principles of Public Speaking	3		F, Sp, Su
	BIO 285	Biological Problems in Contemporary Society	3		Sp
	HUM 202	Survey of Western Culture II	3		F, Sp
	IES ELE	BIO 270, BIO 271, CHM 111, CHM 112 or GOL 105	4		
	ECO 202 <b>OR</b> PLS 212	Principles of Microeconomics <b>OR</b> U.S. Government II	3		F, Sp Sp

**Total program credits: 61**

\*\*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.

