

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.viriniawestern.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
	MTH 261	Applied Calculus I		MTH 161 or MTH 167 - C or better	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	Pre: MTE 1-5 or Co: MCR 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	Principles of Macroeconomics	3		F, Sp, Su
	PLS 211	U.S. Government I			F, Sp
	CST 100	Principles of Public Speaking	3		F, Sp, Su
	BIO 285	Biological Problems in Contemporary Society	3		Sp
	ART 101	History and Appreciation of Art I	3		F, Sp, Su
	IES ELE	BIO 270, BIO 271, CHM 111, CHM 112 or GOL 105	4		
	ECO 202	Principles of Microeconomics	3		F, Sp, Su
	PLS 212	U.S. Government II			Sp

**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.

Total program credits: 61