

AS Science

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	F, Sp, Su
MTH 167	Pre-Calculus with Trigonometry		MTE 1-9	F, Sp, Su
SCI SEQ I	BIO 101, BIO 141, CHM 111, GOL 105, PHY 201, PHY 241	4	Differs based on course chosen	
ITE 115	Introduction to Computer Applications and Concepts	3		F, Sp, Su
ITE 119	Information Literacy			F, Sp
ENG 112	College Composition II	3	ENG 111	F, Sp, Su
MTH 261	Applied Calculus I	3	MTH 161 or MTH 167 - C	F, Sp, Su
MTH 263	Calculus I		MTH 167 - C	F, Sp, Su
SCI SEQ II	BIO 102, BIO 142, CHM 112, GOL 106, PHY 202, PHY 242	4	Differs based on course chosen	
HUM/FA	ART 101, ART 102, CST 130, MUS 121, MUS 122, PHI 101 or REL 230	3		
Science Elective I	BIO 205, BIO 206, BIO 251, BIO 252, BIO 270, BIO 271, FOR 115, AGR 141	4	Differs based on course chosen	
HIS 121	United States History I	3		F, Sp, Su
HIS 111	History of World Civilization I			F, Sp, Su
MTH 262	Applied Calculus II	3	MTH 261 - C	F, Sp, Su
MTH 264	Calculus II		MTH 263 - C	F, Sp, Su
SCI SEQ I	BIO 101, BIO 141, CHM 111, GOL 105, PHY 201, PHY 241	4	Differs based on course chosen	
SOC ELE	ECO 201, GEO 210, PLS 211, PSY 200, or SOC 200	3		F, Sp, Su
Science Elective II	BIO 220, BIO 285, CHM 241, CHM 242, CHM 260, ENV 161, ENV 162, AGR 142	3	Differs based on course chosen	
HUM/FA	ART 101, ART 102, CST 130, MUS 121, MUS 122, PHI 101 or REL 230	3		
SOC SCI	ECO 201, GEO 210, HIS 111, HIS 112, PLS 211, PSY 200 or SOC 200	3		F, Sp, Su
SCI SEQ II	BIO 102, BIO 142, CHM 112, GOL 106, PHY 202, PHY 242	4	Differs based on course chosen	
Science Elective II	BIO 220, BIO 285, CHM 241, CHM 242, CHM 260, ENV 161, ENV 162, AGR 142	3	Differs based on course chosen	

**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: 62