

AS Science: Mathematics (880-04)

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 Engineering and Mathematics	2		F, Sp
	CSC 221	Introduction to Problem Solving and Programming	3		F
	MTH 167	Pre-Calculus with Trigonometry	5	MTE 1-9	F, Sp, Su
	ENG 111	College Composition I	3	English Placement	F, Sp, Su
	HUM/FA	ART 101, ART 102, CST 130, HUM 201, HUM 202, MUS 121, PHI 100, PHI 101, PHI 220, REL 200, REL 230, SPA 201	3		
	MTH 263	Calculus I	4	MTH 167 - C	F, Sp, Su
	ENG 112	College Composition II	3	ENG 111	F, Sp, Su
	MTH 245	Statistics I	3	MTH 154 - C MTH 151 - C MTH 167 - C	F, Sp
	HIS 121	United States History I	3		F, Sp, Su
	ENG LIT	ENG 225, ENG 245, ENG 246, ENG 250, ENG 255, ENG 258, ENG 275	3	ENG 112	F, Sp, Su
	SCI Major SEQ I	AGR 141, AGR 142, BIO 101, BIO 102, BIO 141, BIO 142, BIO 270, BIO 271, CHM 111, CHM 112, GOL 105, GOL 106, PHY 201, PHY 202, PHY 241, PHY 242	4	Differs based on course chosen	
	MTH 264	Calculus II	4	MTH 263 - C	F, Sp, Su
	MTH 266	Linear Algebra	3	MTH 263 - B or MTH 264 - C	F, Sp
	SOC SCI	ECO 201, GEO 210, PLS 135, PLS 241, PSY 200, SOC 200, SOC 268	3		F, Sp, Su
	SCI Major SEQ I	AGR 141, AGR 142, BIO 101, BIO 102, BIO 141, BIO 142, BIO 270, BIO 271, CHM 111, CHM 112, GOL 105, GOL 106, PHY 201, PHY 202, PHY 241, PHY 242	4	Second Course in Sequence	
	MTH 288	Discrete Mathematics	3	MTH 263 - C	Sp
	MTH 267	Differential Equations	3	MTH 264 "C" or better	F, Sp
	MTH 265	Calculus III	4	MTH 264 "C" or better	F, Sp
<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>			Total program credits: 60		