Mathematics Major

Degree Type
Major

A total of 44 hours of mathematics courses and 8 additional hours of natural science are required.

Required

Common Core – 16 hours

Item #	Title	Credits
MT140	CALCULUS I	4
MT141	CALCULUS II	4
MT233	DISCRETE MATHEMATICS	4
MT330	LINEAR ALGEBRA	4

Required

Item #	Title	Credits
MT332	CALCULUS III	4

Required

8 hours of Natural Science courses from the General Education list of Natural Science courses.

Item #	Title	Credits
AG130G	FUNDAMENTALS OF HORTICULTURE	4
AG133	PRINCIPLES OF CROP AND ANIMAL SCIENCE PRODUCTION II	4
AG250	TOPICS IN AGRICULTURE	2
BI100/100G	TOPICS IN BIOLOGY	4
BI131	HUMAN NUTRITION	4
BI203	HUMAN BIOLOGY	4
BI230	BIOLOGICAL SCIENCES I	4
BI231	BIOLOGICAL SCIENCES II	4
CH101G	CHEMISTRY AND THE ENVIRONMENT	4
CH230	PRINCIPLES OF CHEMISTRY I	4
CH231	PRINCIPLES OF CHEMISTRY II	4
EQ240	EQUINE HEALTH MANAGEMENT	4
EQ349	PRINCIPLES AND STUDY OF EQUINE PRODUCTION/ REPRODUCTION	4
ES101G	ENVIRONMENTAL SCIENCE	4
HS344	ANATOMY & PHYSIOLOGY I	4
HS345	ANATOMY & PHYSIOLOGY II	4
PH100	BASICS OF PHYSICAL SCIENCE	4
PH101G	BASICS OF EARTH SCIENCE	4
PH230	FUNDAMENTALS OF PHYSICS I	4
PH231	FUNDAMENTALS OF PHYSICS II	4

Required

16 hours of the following courses

Item #	Title	Credits
MT328	MODERN GEOMETRIES	4
MT335	ABSTRACT ALGEBRA	4
MT338	HISTORY OF MATHEMATICS	4
MT341	APPLIED MATHEMATICS	4
MT358	CALCULUS BASED PROBABILITY AND STATISTICS	4
MT359	DIFFERENTIAL EQUATIONS WITH NUMERICAL METHODS	4
	Total Credits	**92**
	Includes 48 Credits of General Education	