Mathematics

Degree Type
Bachelor of Science

Division Dean: Bret Clark, Ph.D.

Department Chair: Steve Lambert, Ph.D.

Associate Professors: AbdelNaser Al-Hasan, Ph.D.; Otis Walker, Ph.D.
Assistant Professor: Jessica Otis, M.S.
Adjunct Faculty: Legun Emmanwori, Ph.D., Kerry Frick, M.A.T., Jennifer Pressley, M.Ed., Tyler Williams, M.S.

Requirements for the **Major in Mathematics** (not including General Education Core.)

Requirements for the Major

Item #	Title	Credits
MAT 211	Calculus I—Differential Calculus	4
MAT 212	Calculus II--Integral Calculus	4
MAT 213	Calculus III Multivariable Calculus	4
MAT 225	Survey of Higher Mathematics	3
MAT 261	Differential Equations	3
MAT 334	Linear Algebra	3
MAT 433	Abstract Algebra I	3
MAT 481	Junior Capstone Experience	1
MAT 482	Senior Capstone Experience	1

Choose 3 courses from the following

Item #	Title	Credits
MAT 335	Modern Geometry	3
MAT 338	Vector Analysis	3
MAT 342	Partial Differential Equations	3
MAT 351	Introduction to Probability and Statistics	4
MAT 371	Numerical Analysis	3
MAT 434	Abstract Algebra II	3
MAT 443	Real Analysis I	3
MAT 444	Real Analysis II	3
MAT 445	Complex Analysis	3
MAT 451	Topology	3
MAT 455	Number Theory	3
MAT 490	Special Topics in Mathematics	3
	Total Credits	**35**