MATHEMATICS (BS)

The following requirements are in addition to the Bachelor of Science core requirements, found **here (https://catalog.cornerstone.edu/ undergraduate/cornerstone-core/).** *(does not require a minor)*

Required Courses

Code	Title	Hours
MAT-131	CALCULUS I	5
MAT-132	CALCULUS II	5
MAT-233	DIFFERENTIAL EQUATIONS	3
MAT-234	MULTIVARIATE CALCULUS	3
MAT-241	APPLIED LINEAR ALGEBRA	3
MAT-244	METHODS OF MATEMATICAL RESEARCH	3
MAT-245	MATHEMATICAL PROOFS	4
MAT-251	PROBABILITY & STATISTICS	3
MAT-333	REAL ANALYSIS	3
MAT-341	MODERN ALGEBRA	3
MAT-380	INTERNSHIP	3
MAT-401	CAPSTONE SEMINAR FOR MATHEMATICS	3
MAT-402	MATHEMATICAL SCIENCE SEMINAR I	3
MAT-403	MATHEMATICAL SCIENCE SEMINAR II	3
PHY-221	PHYSICS FOR SCI & ENGINEERS I	5
Total Hours		**52**