

MATHEMATICS
Bachelor of Science (B.S.)
2015-2016

At least 124 hours are required for graduation, and students must earn a 2.0 overall GPA and a 2.0 GPA in the major. Students must also complete all courses required for University Requirements and for the General Education program.

Requirements for Major: At least 37 credit hours in the department, including:

MA 151 Calculus and Analytic Geometry I
MA 152 Calculus and Analytic Geometry II
MA 153 Calculus and Analytic Geometry III
MA 207 Discrete Mathematics
MA 301 Linear Algebra
MA 343 Applied Statistics
MA 344 Mathematical Statistics I
MA 354 Abstract Algebra
MA 371 Introduction to Real Analysis I
MA 372 Introduction to Real Analysis II
MA 387 Capstone Experience
MA 388 Capstone Research

The following Humanities correlated course:

PH 220 Symbolic Logic (General Education Course)
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One of the following correlated sequences:

PS 261 College Physics I (General Education course) & PS 262 College Physics II
PS 281 General Physics I (General Education course) & PS 282 General Physics II
EC 200 Principles of Microeconomics (General Education course), EC 201 Principles of Macroeconomics (General Education course), BU 342 Organization & Management, & BU 347 Production & Operations Management
EC 200 Principles of Microeconomics (General Education course), EC 201 Principles of Macroeconomics (General Education course), AC 224 Financial Accounting, AC 225 Managerial Accounting, & BU 381 Business Finance
A specially designed sequence approved by the Mathematics' Department Chair

Required minor – 30 credit hours:

The B.S. degree also requires a 30-hour minor to be chosen from the Natural Sciences (Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy, or Computer Information Science). This minor must be in departments other than the major, and must have at least 20 hours in one department.
