Mathematics

GENERAL EDUCATION STUDIES  64 Hours

General Education: 14 hours
   COM 1143 Fundamentals of Speech Communication
   ENG 1113 Composition and Rhetoric I
   ENG 1123 Composition and Rhetoric II
   3 hours from the following:
      ENG 2233 American Literature I
      ENG 2273 Introduction to Literature
   GES 1122 Strategies for Student Success

Social/Behavioral Sciences: 15 hours
   GOV 2213 National and State Government
   GOV 2333 World Political Systems
   HIS 1113 American History I
   HIS 1123 American History II
   PSY 2333 Psychology of Education

Natural Science/Mathematics: 7 hours
   BIO 1113 Biological Science
   PHY 1113 Physical Science and PHY 1111 Lab

Physical Education: 4 hours
   PED 2232 Wellness and Lifestyle
   2 hours from activity courses without duplication: PED 1101-2291

General Biblical Studies: 24 Hours
   BIB 1143 The Church in Mission
   BIB 2213 Bible Study
   CMN 2213 Foundations of Church Ministries
   REL 1133 Authentic Christianity
   REL 1153 New Testament Literature
   REL 1163 Old Testament Literature
   THE 2113 Introduction to Theology and Apologetics
   THE 2333 Pentecostal Doctrine and History

The purpose of the Bachelor’s program in Mathematics is to prepare undergraduate students for a career in business, education, or the advanced study of mathematics.

Upon completion of this program, students will have acquired mastery of the following key elements of mathematics: Calculus, Linear Algebra and Matrix Theory, Real Analysis, Statistics and Probability and Abstract Algebra.
MAJOR STUDIES  41 Hours

BUS 1123 Survey of Economics
MTH 2211 Calculus I Lab
MTH 2213 Calculus I
MTH 2221 Calculus II Lab
MTH 2223 Calculus II
MTH 3313 Calculus III
MTH 3323 Introduction to Proofs and Discrete Mathematics
MTH 3333 Introduction to Linear Algebra
MTH 3343 Linear Algebra
MTH 3413 Statistics
MTH 4113 Abstract Algebra
MTH 4123 Real Analysis I
MTH 4133 Numerical Methods
MTH 4143 Number Theory
MTH 4153 Modern Geometry

ELECTIVE STUDIES  15 Hours

Declare a minor from those available in the catalog, or choose 15 hours of electives including at least 6 hours upper level.

TOTAL PROGRAM REQUIREMENTS  120 Hours

Additional Program Stipulations

1. All students are to include one Bible, theology, or religion course each semester until degree requirements have been satisfied.
2. First-year students enrolled full-time are to include GES 1122 in their first semester program.
3. First-year students are to enroll in activity physical education courses each of their first two semesters at SAGU. Exceptions will be granted only with approval of the College Dean.
4. Veterans with at least 6 months of service may apply for and receive 4 hours of credit for physical education. Contact the Registrar’s Office.