### UNIVERSITY POLICIES
- Refer to the SU catalog for approved prerequisites and General Education courses.
- Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
- All graduates must have a minimum of 30 credits of 300/400-level courses with a grade of C or above; at least 15 of these credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- It is the student’s responsibility to satisfy graduation requirements. Please refer to the SU catalog for detailed major requirements.
- Students must apply online for graduation by November 15 for May and by May 15 for December.

### GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Course No. &amp; Title</th>
<th>#Credits</th>
<th>Grade</th>
<th>Term Completed</th>
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</table>
| **Group I: English Composition and Literature (2 courses)**
  A. C or better in ENGL 103 or HONR 111 | 4 | | |
  B. Literature course (from either ENGL or MDFL Depts.) | 4 | | |
| **Group II: History (2 courses)**
  A. HIST101, 102, or 103 | 4 | | |
  B. HIST101, 102, 103 or a HIST course above 103 | 4 | | |
| **Group III: Humanities and Social Sciences (3 courses)**
  A. Select one course from one of the following seven areas:
    ART, CMAT, DANC or THEA, MDFL, MUSC, PHIL, HONR 211 | 4 | | |
  B. Select one course from one of the following eight areas:
    ANTH, CADR, ECON or FINA, ENVH, Human GEOG, POSC, PSYC, SOCI, HONR 112 | 3/4 | | |
  C. Select one course from either Group IIIA or IIIB
    (course must be from a different area than previously selected) | 3/4 | | |
| **Group IV: Natural Science, Math and Computer Science (4 courses)**
  A. Select courses with laboratories from at least two of the following four areas:
    BIOL, CHEM, GEOL or Physical GEOG, PHYS | 4 | | |
  B. Select one additional course (need not be a lab) from Group IVA or ENVH or EWNH or COSC or MATH or HONR 212 | 4 | | |
  C. Select one course from MATH | | | |
| **Group V: Health Fitness (1 course)**
  FTWL106 - Lifelong Fitness and Wellness | 3 | | |

### MAJOR REQUIREMENTS
- All courses taken for the major must be completed with a grade of C or better.
- Transfer students are required to complete at least 12 credits of approved upper-division MATH/COSC courses at SU.
- Math courses taken before declaring the mathematics major should be evaluated by an advisor before proceeding with course selection.

<table>
<thead>
<tr>
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</table>
| **MATHEMATICS CORE (6 courses)**
  MATH201 - Calculus I | 4 | | |
  MATH202 - Calculus II | 4 | | |
  MATH210 - Introduction to Discrete Mathematics | 4 | | |
  MATH216 - Statistical Thinking | 4 | | |
  MATH306 - Linear Algebra | 4 | | |
  MATH310 - Calculus III | 4 | | |
| **STATISTICS CONCENTRATION REQUIREMENTS (10 courses)**
  MATH313 - Survey Design and Sampling | 4 | | |
  MATH314 - Regression Analysis | 4 | | |
  MATH411 - Design and Analysis of Experiments | 4 | | |
  MATH413 - Mathematical Statistics I | 4 | | |
  MATH414 - Mathematical Statistics II | 4 | | |
  MATH493 - Advanced Topics in Statistics | 4 | | |
  MATH | | | |
  C. Select one course from Group V or IIIB
    (course must be from a different area than previously selected) | 3/4 | | |
| **SUGGESTED ELECTIVES**
  MATH451 - Analysis I | 4 | | |
  MATH465 - Mathematical Models and Applications | 4 | | |
  MATH471 - Numerical Methods | 4 | | |