### Liberal Learning Breadth Requirements

**NOTE:** courses in *italics* are also listed as major and/or correlate courses.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 127 Calculus A</td>
<td>None</td>
</tr>
<tr>
<td>Any two natural science courses from the Dept. list (see website), at least one with a lab.</td>
<td>None</td>
</tr>
<tr>
<td>CRI 215 Data Mgmt.</td>
<td>None</td>
</tr>
</tbody>
</table>

### Transfer Information:

School

Credit

Accepted:

School

Credit

Accepted:

Pending:

### Correlate Courses: 3 Courses

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Any two natural science courses from the Dept. list (see website), at least one with a lab.</td>
<td>None</td>
</tr>
<tr>
<td>CRI 215 Data Mgmt.</td>
<td>None</td>
</tr>
</tbody>
</table>

### MAJOR PROGRAM REQUIREMENTS

**NOTE:** courses in *italics* are also listed as liberal learning courses.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 128 Calculus B</td>
<td>None</td>
</tr>
<tr>
<td>MAT 200 Proof Writing</td>
<td>None</td>
</tr>
<tr>
<td>MAT 205 Linear Algebra</td>
<td>None</td>
</tr>
<tr>
<td>MAT 229 Multivar. Calc.</td>
<td>None</td>
</tr>
<tr>
<td>MAT 316 Probability</td>
<td>None</td>
</tr>
<tr>
<td>STA 215 Stat. Inference</td>
<td>None</td>
</tr>
<tr>
<td>STA 305 Regression Anal.</td>
<td>None</td>
</tr>
<tr>
<td>STA 410 Math. Stat.</td>
<td>None</td>
</tr>
<tr>
<td>STA 498 Capstone</td>
<td>None</td>
</tr>
</tbody>
</table>

### Civic Responsibilities, Proficiencies & Electives

**Major Core: 9 Courses**

- MAT 128 Calculus B
- MAT 200 Proof Writing
- MAT 205 Linear Algebra
- MAT 229 Multivar. Calc.
- MAT 316 Probability
- STA 215 Stat. Inference
- STA 305 Regression Anal.
- STA 498 Capstone

**Major Options/Concentrations: 5 Courses**

Choose 3 from the following:

- STA 303 Design of Exp.
- STA 306 Applied Multivariate Analysis
- STA 307 Data Mining and Predictive Modeling
- STA 314 Quality Control

**AND 2 MAT/STA Options (with advisement)**

**Civic Responsibilities – May be met through Courses, Programs or Sustained Experiences**

- Community Engaged Learning
- Gender
- Global Perspective
- Race & Ethnicity
- Intellectual & Scholarly Growth:
  - WRI 101 (if required)
  - WRI 102 (if required)
- Writing Intensive Courses: 3
  - FSP First Seminar
  - Other
  - STA 498 Capstone
- Information Literacy
  - On-Line Library
- Second Language
  - Demonstrated proficiency at the Low-Intermediate Level (0-3 Courses Based on Placement)
  - Not Applicable
- Electives 3 Courses
  - None
  - None
  - None

**Graduation Requirements:**

1. Minimum GPA of 2.00
2. Minimum of 6 units in the major must be earned in the department. A minimum of 4 of the final 6 units must be earned in the department
3. At least a B- in MAT 127 or 128; and at least C in STA 215 and in MAT 316
4. At least C- in all other MAT & STA courses with the following exception: for 300-400 level courses at most 1 grades of D or D+
5. At least C- in any course that is prerequisite for subsequent course
6. At most one course unit of independent work courses can count towards the major requirements.

**Waivers & Substitutions**

**Evaluator Approval:**