### Liberal Studies Requirements (45-46 credits)

See Liberal Studies Guide for Goal and Enrichment choices.

#### Goal Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
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</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Critical Writing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 104 or ENGL 220</td>
<td>Critical Reading or Intro to Literary and Cultural Studies</td>
<td>3</td>
<td></td>
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<tr>
<td>COMM 200</td>
<td>Public Speaking</td>
<td>3</td>
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</tr>
</tbody>
</table>

#### Basic Requirements (9 credits)

- **ENGL 102** Critical Writing 3 Cr
- **ENGL 104 or ENGL 220** Critical Reading or Intro to Literary and Cultural Studies 3 Cr
- **COMM 200** Public Speaking 3 Cr

#### The Arts (3 credits)

- **Goal**

#### Global Community (9 credits)

- **Goal – Non-US** 3 Cr
- **Goal – Non – US** 3 Cr
- **Goal – US** 3 Cr

#### Human Institutions/Interpersonal Relationships (3 credits)

- **Goal**

#### Science, Technology & Math (9-10 credits)

**Recommended**

- **CHEM 107** General Chemistry 3 Cr
- **CHEM 111** General Chemistry I Lab 1 Cr
- **PHYS 201 or PHYS 211** Elements of Physics I or Lab 4 Cr
- **PHIL 113** Introduction to Logic 3 Cr

#### Challenges of the Modern Age (3 credits)

- **Goal**

#### Enrichment Course Requirements

Choose one course from three of the following Enrichment areas. (9 credits)

- **The Arts**
- **Global Community**
- **Human Institutions/Interpersonal Relationships**
- **Science, Technology & Math**

#### BA Modern Language Requirement (0-9 credits)

BA degree requires language proficiency at the 103 class level. Exemption by placement or examination is possible.

- **ACSD 110** Beginning Algebra 3 Cr

### Important Curriculum Guide Notes

- **Course may have a prerequisite.** See Undergraduate Online Catalog.
- **Course can be counted as a Liberal Studies Requirement,** but earns credit only once toward your 120-credit total.
- **Minimum grade of C required to register for 300-400 level math**
- **Course counts for 50% Major requirement and Major GPA.**

#### Mathematics BA (6.52)

**Effective Fall 2006**

**Enrollment Management**

**Revised 1-2016**

### Major Requirements (40 credits)

- 20 major credits must be taken at SRU or PASSHE
- 20 major credits must be taken at the 300 level or above
- 12 math credits must be taken at the 300-400 level at SRU

#### Course | Title | Cr | Gr |
<table>
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<tbody>
<tr>
<td>MATH 131</td>
<td>Discrete Math</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 230</td>
<td>Calculus II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 235</td>
<td>Modern Concepts of Mathematics</td>
<td>3</td>
<td></td>
</tr>
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</table>

#### Required Mathematics Courses (19 credits)

- **MATH 231** Calculus III 4 Cr
- **MATH 240** Linear Algebra & Differential Eq 3 Cr
- **MATH 309** Linear Algebra 3 Cr
- **MATH 313** Introductory Analysis I 3 Cr
- **MATH 314** Introductory Analysis II 3 Cr
- **MATH 325** Abstract Algebra I 3 Cr

#### Required Mathematics Courses (2 credits)

- **MATH 491** Mathematics Seminar 1 Cr
- **MATH 497** Mathematics Seminar 1 Cr

#### Independent Study Thesis (3 credits)

- **MATH 490** Independent Study Thesis 3 Cr

#### Required Electives – 300 level and above (6 credits)

(Except for MATH 309, 310, 313, 314, 491)

- **MATH** 3 Cr
- **MATH** 3 Cr

### Natural Science and Math College-Wide Requirements

Students must take the following four courses (12 credits)

- **CHEM 107** General Chemistry I 3 Cr
- **CHEM 111** General Chemistry I Lab 1 Cr
- **MATH 125 or MATH 225** Precalculus or Calculus I 4 Cr
- **PHYS 201 or PHYS 211** Elements of Physics I/Lab 4 Cr

### Computer Competency

Students must demonstrate “computer competency” by:

- **Passed Exam**
- **Pass Computer Competency Exam**
- **CPSC**

Complete one of the following courses: CPSC 100, 110, 130, or PE 202 at SRU or another post-secondary institution 1-3

### Electives

- **GPA Requirement**
- **2.00 or higher Major GPA**
- **2.00 or higher Overall GPA**