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

Complete Goal requirements as indicated below (36-37 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Critical Writing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 114 or ENGL 220</td>
<td>Critical Reading or Intro to Literary and Cultural Studies</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>COMM 200</td>
<td>Public Speaking</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Goal Course Requirements

- **Basic Requirements**: 9 credits
  - **ENGL 102** Critical Writing 3
  - **ENGL 114 or ENGL 220** Critical Reading or Intro to Literary and Cultural Studies 3
  - **COMM 200** Public Speaking 3

### Global Community (9 credits)

- **Goal – Non-US**: 3
- **Goal – US**: 3

### Human Institutions/Interpersonal Relationships (9 credits)

- **Goal**: 3

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

- **Recommended**:
  - CHEM 107 General Chemistry I 3
  - CHEM 111 General Chemistry I Lab 1
  - PHYS 211 General Physics I Lab 4
  - PHIL 113 Introduction to Logic 3

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

- **Goal**: 3

### Enrichment Course Requirements

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>PHIL 113</td>
<td>Introduction to Logic</td>
</tr>
</tbody>
</table>

### Other Basic Requirements

Check with your advisor or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit-hour minimum needed to earn a degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS 110</td>
<td>Beginning Algebra</td>
</tr>
</tbody>
</table>

### Computer Competency

Students must demonstrate “computer competency” by:

- Passed Exam: Pass Computer Competency Exam

**OR**

- **CPSC**

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

### Mathematics Core Courses (30 Credits)

- **MATH 131**: Discrete Math 3
- **MATH 230**: Calculus II 4
- **MATH 235**: Modern Concepts of Mathematics 3
- **MATH 238**: Calculus III 4
- **MATH 301**: Differential Equations 3
- **MATH 309**: Linear Algebra 3
- **MATH 313**: Introductory Analysis I 3
- **MATH 325**: Abstract Algebra I 3
- **STAT 352**: Mathematical Statistics I 3
- **MATH 491**: Mathematics Seminar 1

### Required Electives (15 Credits)

Five additional courses required at most one of 200-level, other 300-level or above (except MATH 210, 225, 310, 350)

- **MATH or STAT**: 3
- **MATH or STAT**: 3
- **MATH or STAT**: 3

### Mathematics Sequences – Two sequences required:

Choose at least one from MATH 313 – 314 or MATH 325 – 326. Credits earned from these courses will be applied to above requirements.

- **MATH 301-302**: Differential Equations I & II X
- **MATH 313-314**: Introductory Analysis I & II X
- **MATH 325-326**: Abstract Algebra I & II X
- **STAT 352-353**: Mathematics Statistics I & II X

### Approved Minors

Choose at least one of the following minors.

- **Actuarial Science**
- **Biology**
- **Chemistry**
- **Computer Science**
- **Environmental Science**
- **Geology**
- **Geophysics**
- **Meteorology**
- **Philosophy**
- **Physics**
- **Psychology**
- **Public Health**
- **Secondary School Mathematics**
- **Statistics**

### Natural Science and Math College-wide Requirements

Students must take the following four courses (12 Credits)

- **CHEM 107**: General Chemistry I X
- **CHEM 111**: General Chemistry I Lab X
- **MATH 225**: Calculus I X
- **PHYS 211**: General Physics I Lab X

### Competency in an Approved Computer Programming Language is Required – Seek Advisor Approval

- **CPSC**

### Electives

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