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

See Liberal Studies Guide for Goal and Enrichment choices

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
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<tbody>
<tr>
<td>ENGL 102</td>
<td>Critical Writing</td>
<td>3</td>
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<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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### Goal Course Requirements

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

- **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: 3 Cr

- **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: 3 Cr

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

- CHEM 107: General Chemistry I (3 Cr)
- CHEM 111: General Chemistry I Lab (1 Cr)
- PHIL 113: Intro to Logic (3 Cr)
- PHYS 211: General Physics I Lab (4 Cr)

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

- **Goal**: 3 Cr

### Enrichment Course Requirements

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

- **Global Community**: 3 Cr
- **Human Institutions/Interpersonal Relationships**: 3 Cr
- **Science, Technology & Math**: 3 Cr

### 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.

- AUSB 110: Beginning Algebra (3 Cr)

### Computer Competency

Students must demonstrate "computer competency" by:

- Passed Exam: Pass Computer Competency Exam at SRU Orientation
- OR: CPSC ___ Complete one of the following courses: CPSC 100, 110, 120, or PE 202 at SRU or another post-secondary institution. (1-3 Cr)

### Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already enrolled students who understand their intended major curriculum. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisors to ensure accurate progress towards degree completion. The information on this guide is current as of the date below. Students are responsible for curriculum requirements at the time of enrollment at the University.

### GPA Requirement

2.00 or higher Major GPA

2.00 or higher Overall GPA

### Course Counting

- Course counts for 50% Major requirement and Major GPA
- Course counts for 50% Major but not for Major GPA
- Course counts for 50% Major but not for Major GPA

### Mathematics Core Courses (30 credits)

- MATH 131+: Discrete Math +   3
- MATH 230+: Calculus II +   4
- MATH 231+: Calculus III +   4
- MATH 235+: Modern Concepts of Mathematics +   3
- MATH 301+: Differential Equations I +   3
- MATH 309+: Linear Algebra +   3
- MATH 313+: Introductory Analysis I +   3
- MATH 325+: Abstract Algebra I +   3
- MATH 352+: Mathematical Statistics I +   3
- MATH 491+: Mathematics Seminar +   1

### Special Interest Area Mathematics courses (6 credits)

Choose two courses from the following:

- MATH 304+: Geometric Structures + REQUIRED   3
- MATH 320+: Theory of Numbers + REQUIRED   3

### Mathematics Electives (9 credits)

Three additional courses required, 200 level or above (except MATH 210, 225, 310); at least 6 credits at 300 level and above.

- 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
- MATH 352+: Mathematical Statistics I & II +   X

### Special Interest Area Interdisciplinary courses (15 credits)

Choose 15 credits from below (including required courses SEFE 338 and SPED 121). At least 6 credits must be 300-level or above (SEFE 338 plus 1 other course):

- SEFE 338+: Standards-Based Instruction + REQUIRED   3
- SEFE 370+: Educational Measurements, Assessment and Evaluation +   3
- SEFE 380+: History & Philosophy of Education +   3
- PHIL 315+: Symbolic Logic +   3
- PHIL 351+: Philosophy of Natural Science +   3
- MATH 153+: Elementary Statistics +   3
- MATH 252+: Introduction to Statistical Modeling +   3

### Competency in an Approved Computer Programming Language is Required

### Obsv

Classroom Observation Hours as required for SRU Secondary Education majors must be completed by end of sophomore year – see adviser approval

### Natural Science and Math College-Wide Requirements

Students must take the following four courses (12 credits):

- CHEM 101+: General Chemistry I +   3
- CHEM 111+: General Chemistry I Lab +   1
- MATH 225+: Calculus I + +   4
- PHYS 211+: General Physics I Lab +   4

### Electives

### Master of Mathematics in Mathematics

- Bachelor of Mathematics in Mathematics

- Concentration in Pre Masters in Education

- Effective Fall 2016

- Enrollment Management

- Revised 7-2016