**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>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Critical Writing</td>
<td>3</td>
<td>3</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>3</td>
</tr>
<tr>
<td>COMM 200</td>
<td>Public Speaking</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**GOAL COURSE REQUIREMENTS**

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>3</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>3</td>
</tr>
<tr>
<td>COMM 200</td>
<td>Public Speaking</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>THE ARTS (3 credits)</td>
<td>Goal</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GLOBAL COMMUNITY (9 credits)</td>
<td>Goal – Non-US</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Goal – US</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HUMAN INSTITUTIONS/INTERPERSONAL RELATIONSHIPS (3 credits)</td>
<td>Goal</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>SCIENCE, TECHNOLOGY &amp; MATH (9–10 credits)</td>
<td>Recommended</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 107</td>
<td>General Chemistry</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>General Chemistry I Lab</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>General Physics I Lab</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 113</td>
<td>Introduction to Logic</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**CHALLENGES OF THE MODERN AGE (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
</table>

**ENRICHMENT COURSE REQUIREMENTS**

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Microeconomics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ECON 210</td>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ECON 225</td>
<td>Principles of International Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ECON 315</td>
<td>Economics of Sustainable Development</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ECON 318</td>
<td>Intermediate Statistical Analysis</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ECON 326</td>
<td>International Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 252</td>
<td>Introduction to Statistical Modeling</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 280</td>
<td>Theory of Interest</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 305</td>
<td>Operations Management I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 352</td>
<td>Operations Management II</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**OTHER BASIC REQUIREMENTS**

Check with your advisor or the 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>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSD 110</td>
<td>Beginning Algebra</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**COMPUTER COMPETENCY** (for students entering Fall 2008 and after)

Students must demonstrate computer competency by:

- Passed Exam
- CPSC 106

Pass Computer Competency Exam at SRU Orientation

**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-earned and/or in progress courses in different, yet valid, curriculum categories. 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.

- 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-credits total.
- Minimum grade of C is required to register for 300-400 level math
- Course counts for 50% Major requirement and Major GPA
- Course counts for 50% Major but not for Major GPA

**GPA REQUIREMENT**

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

**COMPETENCY IN AN APPROVED COMPUTER PROGRAMMING LANGUAGE IS REQUIRED** – seek advisor approval

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPSCI</td>
<td></td>
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</tr>
</tbody>
</table>

**MATHEMATICS – BS (6155)**

**CONCENTRATION IN ECONOMICS**

Effective Fall 2016

Enrollment Management

Revised 7-2016

**MAJOR REQUIREMENTS** (60 credits)

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 131</td>
<td>Discrete Math</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 230</td>
<td>Calculus II</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MATH 235</td>
<td>Modern Concepts of Mathematics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 237</td>
<td>Calculus III</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MATH 301</td>
<td>Differential Equations I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 309</td>
<td>Linear Algebra</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 313</td>
<td>Introductory Analysis I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 325</td>
<td>Abstract Algebra I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 352</td>
<td>Mathematical Statistics I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 491</td>
<td>Mathematics Seminar</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

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

Choose TWO courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
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**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

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
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</thead>
<tbody>
<tr>
<td>MATH 301-302</td>
<td>Differential Equations I &amp; II</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>MATH 313-314</td>
<td>Introductory Analysis I &amp; II</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>MATH 325-326</td>
<td>Abstract Algebra I &amp; II</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>MATH 352-353</td>
<td>Mathematical Statistics I &amp; II</td>
<td>X</td>
<td>X</td>
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**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.**

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<tr>
<td>MATH 301</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
<td>3</td>
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<td>MATH 302</td>
<td>Principles of Microeconomics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 301-302</td>
<td>Macroeconomic Analysis I or Microeconomic Analysis</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 302</td>
<td>Macroeconomic Analysis II</td>
<td>3</td>
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**ELECTIVES**

**LIBERAL STUDIES REQUIREMENTS**

See Liberal Studies Guide for Goal and Enrichment choices

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<td>General Chemistry</td>
<td>3</td>
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<td>CHEM 111</td>
<td>General Chemistry I Lab</td>
<td>3</td>
<td>3</td>
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<tr>
<td>MATH 225</td>
<td>Calculus I</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>General Physics I</td>
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