Challenges

Math (9 credits)

Science (6-8 credits)

Science, Technology & Math

Global Community (6 credits)

Select two Non-U.S. Goal Courses from the following list of courses. MUST be from different departments.

GES 100 Discover Geography
GES 105 World Regional Geography
HIST 151 Ancient & Medieval World
HIST 152 Rise of the Modern World
HIST 153 Contemporary World History
POLI 103 International Relations
INDP 202 Introduction to Anthropology
SOWK 105 Human Diversity

Global Community (3 credits)

Select one U.S. Goal Course from the following list of courses.

GES 202 United States & Canada
HIST 201 Colonial America to 1815
HIST 202 United States 1815 to 1920
HIST 203 U.S. History Since 1920
POLS 101 American National Government
BUS 101 Taxes in America

Human Institutions & Interpersonal Relationships (3 credits)

INDP 201 Principles of Sociology
PSYC 105 Intro to Psychology

Science, Technology & Math (16-17 credits total)

Science (6-8 credits) Select two science goal courses, each from a different department.

BIOL 101- or
BIOL 102 General Biology
BIOL 104- or
Principles of Biology / Lab
CHEM 107/111- General Chemistry I / Lab

Math (9 credits)

MATH 118 Elementary Geometry
MATH 210 Elementary Math I
STAT 152 Elementary Statistics I

Challenges of the Modern Age (3 credits)

Student must have at least 45 semester hours to enroll in this required course.

PHYS 317- Space Science

LIBERAL STUDIES REQUIREMENTS (49-50 credits)
See Liberal Studies Guide for Goal and Enrichment choices

GOAL COURSE REQUIREMENTS
Complete Goal requirements as indicated below (40-41 credits)

✓ Course Title Cr Gr
Basic Requirements (6 credits)

ENGL 102 Critical Writing 3
ENGL 104 or
ENGL 220 Critical Reading or Intro to Literary and Cultural Studies

The Arts (3 credits)

ART 225 Overview of Western Art 3
ART 226 Overview of World Art 3
DANC 100 Dance: Art & Culture 3
MUSI 101 Introduction to Music 3
THEA 141 Art of the Theatre 3

Global Community (6 credits)

Select two Non-U.S. Goal Courses from the following list of courses. MUST be from different departments.

GES 100 Discover Geography 3
GES 105 World Regional Geography 3
HIST 151 Ancient & Medieval World 3
HIST 152 Rise of the Modern World 3
HIST 153 Contemporary World History 3
POLI 103 International Relations 3
INDP 202 Introduction to Anthropology 3
SOWK 105 Human Diversity 3

Global Community (3 credits)

Select one U.S. Goal Course from the following list of courses.

GES 202 United States & Canada 3
HIST 201 Colonial America to 1815 3
HIST 202 United States 1815 to 1920 3
HIST 203 U.S. History Since 1920 3
POLS 101 American National Government 3
BUS 101 Taxes in America 3

LIBERAL STUDIES REQUIREMENTS (continued)

ENRICHMENT COURSES

See Liberal Studies Guide for Goal and Enrichment choices

✓ Course Title Cr Gr
The Arts (3 credits)

ENGL 214 Film Analysis 3
ENGL 217 Intro to Shakespeare 3
ENGL 242 Afro-American Literature 3
ENGL 243 Lit. of Women’s Movement 3
ENGL 244 Native American Literature 3
ENGL 248 Eastern Literature 3
ENGL 263 World Literature 3
ENGL 311 Chaucer and Medieval Culture 3
ENGL 314 European Film 3
ENGL 315 Cinematic Review 3
ENGL 317 British Literature I 3
ENGL 318 British Literature II 3
ENGL 319 American Literature I 3
ENGL 320 American Literature II 3
ENGL 330 Literary Publications & Design 3

Global Community (3 credits)

GES 201 Latin America & the Caribbean 3
GES 204 Post-Soviet Union 3
GES 242 Geography of Religion 3
GES 303 Asia 3
GES 308 Europe 3
GES 309 Africa 3

Science, Technology and Mathematics (3 credits)

R MATH 310 Elementary Math II 3

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.

ACSD 110 Beginning Algebra 3

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

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 counts for 50% of Major
R Required Course
PASSHE = Pennsylvania State System of Higher Education Institution

MIDDLE-LEVEL SCIENCE (4-6) – BSED (1235)
Effective Fall 2018
Revised 07-2018

Continued on PAGE 2
**MAJOR REQUIREMENTS**  
(79 credits)  
- 40 major credits must be taken at SRU or PASSHE  
- 37 major credits must be taken at the 300 level or above

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEFE 200~</td>
<td>Introduction to Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 230~</td>
<td>Prod. &amp; Utilization of Inst. Tech.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 251~</td>
<td>Teaching Reading in Content Areas 4-8</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 300~</td>
<td>Middle Level Cognitive Dev.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 326~</td>
<td>ELL Strategies and Practices</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 338~</td>
<td>Inst/Assess Inclus., Classroom</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 342~</td>
<td>Educational Psychology for Diverse Learners</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 349~</td>
<td>Teaching Middle-Level Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 370~</td>
<td>Educ. Meas., Assess. &amp; Eval★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 380~</td>
<td>History &amp; Philosophy of Educ.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 422~</td>
<td>Practicum Middle-Level Grades</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>SEFE 456~</td>
<td>Student Teaching – Mid. Level</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>SPED 121~</td>
<td>High Incidence Disabilities</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 315~</td>
<td>SPED Issues in Div. Classroom★</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**PROFESSIONAL EDUCATION REQUIREMENTS**  
(49 credits)  
**Note:** SPED 315 & SEFE 456 must be taken in the same semester. All Grades in Professional Education & Specialization must be grades “C” or above.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEFE 200~</td>
<td>Introduction to Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 230~</td>
<td>Prod. &amp; Utilization of Inst. Tech.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 251~</td>
<td>Teaching Reading in Content Areas 4-8</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 300~</td>
<td>Middle Level Cognitive Dev.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 326~</td>
<td>ELL Strategies and Practices</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 338~</td>
<td>Inst/Assess Inclus., Classroom</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 342~</td>
<td>Educational Psychology for Diverse Learners</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 349~</td>
<td>Teaching Middle-Level Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 370~</td>
<td>Educ. Meas., Assess. &amp; Eval★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 380~</td>
<td>History &amp; Philosophy of Educ.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEFE 422~</td>
<td>Practicum Middle-Level Grades</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>SEFE 456~</td>
<td>Student Teaching – Mid. Level</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>SPED 121~</td>
<td>High Incidence Disabilities</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 315~</td>
<td>SPED Issues in Div. Classroom★</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**SCIENCE CERTIFICATION SPECIALIZATION**  
(30 credits)  
- 9 -11 credits from Liberal Studies course  
- 19-21 credits from Science Certification Specialization courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105~</td>
<td>Environmental Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 108/112~</td>
<td>General Chemistry II / Lab ★</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>E GEO 101/111~</td>
<td>Physical Geology / Lab ★</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>E GEO 201~</td>
<td>Earth Materials and Processes/Lab★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>E GEO 121~</td>
<td>Meteorology / Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYS 201~</td>
<td>Elements of Physics I / Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYS 202~</td>
<td>Elements of Physics II / Lab★</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**COMPETENCY**

CPR and First Aid & Safety Certifications or SAFE 205

---

**FOR INFORMATION ONLY……..**

**PLEASE SEE ADVISOR FOR MORE DETAILS PERTAINING TO THIS CERTIFICATION**

**OPTIONAL DUAL CERTIFICATION**  
IN MIDDLE LEVEL AND SPECIAL EDUCATION  
(24 credits)

Middle-level majors can add special education certification by taking the following courses in addition to those required for the middle-level major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 230~</td>
<td>Developmental Disorders★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 325~</td>
<td>Inclusive Classroom★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 326~</td>
<td>SPED Law &amp; Procedures★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 430~</td>
<td>Positive Behavior Strategies★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 431~</td>
<td>Behavior Disorders &amp; Autism★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 432~</td>
<td>Interventions Content Areas★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 433~</td>
<td>Assessment in SPED★</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPED 434~</td>
<td>Professional Collaboration★</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

---

**Prerequisites for Admission to Teacher Candidacy**

Basic courses (6 courses) required (ENGL 025 and ENGL 199 are transfer courses only). Grades below a “C” are not admissible.

- ENGL 102
- ENGL 104 or ENGL 025 or ENGL 199 or ENGL 220
- SPED 121
- SEFE 230
- SEFE 326
- SEFE 370

**Six (6) Credits of Math**  
Required Prior to Admission to Teacher Candidacy

Math Requirement for BS in Education

- MATH 118 or 210 or 310
- STAT 152

---

**ATTENTION!**

To meet the English Language Arts 12 credit Pennsylvania Department of Education requirements, students must complete SEFE 251 – Teaching Reading in the Content Areas Grades 4-8 if they have not completed ENGL 102.