

Name: _____

ID: _____

Date: _____

General Education Requirements:

Circle appropriate credit for courses taken.

Group I- English Composition and Literature (2 courses)

- | | | | |
|---|-------|-----|-------|
| A. ENGL 103 ("C" or better) or HONR 111 | _____ | 3-4 | _____ |
| B. Literature (either ENGL or MDFL) | _____ | 3-4 | _____ |

Group II- History (2 courses)

- | | | | |
|---|-------|-----|-------|
| A. HIST 101, 102, or 103 | _____ | 3-4 | _____ |
| B. HIST 101, 102, 103, or a HIST course above 103 | _____ | 3-4 | _____ |

Group III-Humanities & Social Sciences (3 courses)

A. Select one course from one of the following six areas:

- | | | | |
|--|-------|-----|-------|
| ART, CMAT, DANC or THEA, MDFL, MUSC, PHIL, or HONR 211 | _____ | 3-4 | _____ |
|--|-------|-----|-------|

B. Select one course from one of the following seven areas:

- | | | | |
|---|-------|-----|-------|
| ANTH, CADR, ECON, Human GEOG, POSC, PSYC, SOCI, or HONR 112 | _____ | 3-4 | _____ |
|---|-------|-----|-------|

C. Select one course from either Group IIIA or III B (course must be from a different area than previously selected)

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|-------|-------|-----|-------|
| _____ | _____ | 3-4 | _____ |
|-------|-------|-----|-------|

Group IV- Natural Science, Math, and Computer Science (4 courses)

A. Select courses with laboratories from at least two of the following four areas (at least six credit hours total): BIOL, CHEM, GEOL or Physical GEOG, PHYS

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|--------------------|-------|---|-------|
| Satisfied by major | _____ | X | _____ |
| Satisfied by major | _____ | X | _____ |

B. Select one additional course (need not be a lab) from

- | | | | |
|---|-------|---|-------|
| Group IVA or ENVH or COSC or MATH or HONR | _____ | X | _____ |
|---|-------|---|-------|

C. Select one course from MATH

- | | | | |
|--------------------|-------|---|-------|
| Satisfied by major | _____ | X | _____ |
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Group V-Health Fitness (1 course)

- | | | | |
|----------|-------|---|-------|
| PHEC 106 | _____ | 3 | _____ |
|----------|-------|---|-------|

University Policies

1. Refer to the SU catalog for approved general education courses.
2. Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
3. All graduates must have a minimum of 30 credits of 300/400 level courses with "C" grade or above; at least 15 of those credits must be taken at SU.
4. Students must have a minimum cumulative GPA of 2.0 for graduation.
5. Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
6. Students must take 30 of the last 37 credit hours at SU.
7. Students should consult the degree progress report in GullNet for information on their academic progress.
8. It is the student's responsibility to satisfy graduation requirements. Please refer to the SU catalog for detailed major requirements.
9. Students must apply online by Nov. 15 for May graduation and May 15 for December graduation.

ACADEMIC MAJOR REQUIREMENTS

PHYSICS CORE REQUIREMENTS – 27 hours

	Sem/Yr	Grade
PHYS 221*	Physics I	_____ 4
PHYS 223*	Physics II	_____ 4
PHYS 225*	Physics III	_____ 3
PHYS 309*	Mathematical Physics	_____ 3
PHYS 311*	Circuits & Electronics	_____ 4
PHYS 313*	Modern Physics	_____ 3
PHYS 314*	Mechanics	_____ 3
PHYS 315*	Electricity & Magnetism	_____ 3

ADDITIONAL PHYSICS COURSES – 4 hours

PHYS 108*	Astronomy	_____ 4
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MATHEMATICS – 16 hours

MATH 201*	Calculus I	_____ 4
MATH 202*	Calculus II	_____ 4
MATH 310*	Calculus III	_____ 4
MATH 311*	Differential Equations	_____ 4

CHEMISTRY COURSES – 8 hours

CHEM 121*	General Chemistry I	_____ 4
CHEM 122*	General Chemistry II	_____ 4

LAB SAFETY COURSE – 1 hour

CHEM 207 or MDTC 101	_____ 1
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GEOGRAPHY COURSE 4 hours

GEOL 103* Physical Geol OR GEOG 104* Earth & Space Science	_____ 4
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BIOLOGY COURSE – 4 hours

BIOL 101*	Fundamentals of Biology	_____ 4
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PRE-PROFESSIONAL REQUIREMENTS – 6 HOURS

EDUC 210*	School in a Diverse Society	_____ 3
EDUC 300*	Development, Learning, & Assessment	_____ 3

COMPETENCY TESTS (PRAXIS 1)

Reading (177/235)	_____	Mathematics (177/322)	_____
Writing (173/319)	_____	or SAT or ACT or GRE	_____

PROFESSIONAL PROGRAM (see professional requirements on reverse)

METHODS

Junior Year, Spring Semester

EDUC 319*	Techology in Education	_____ 1
OR EDUC 318	Computers in Education	_____ 3
SCED 339	Secondary/K-12 Methods Visitation	_____ 0
SCED 374*	Science/Reading Methods I	_____ 3

Senior Year, Fall Semester

SCED 339	Secondary/K-12 Methods Visitation	_____ 0
SCED 367*	Inclusive Instr. For Secondary Teachers	_____ 3
SCED 474*	Science/Reading Methods II	_____ 3
EDUC 416*	Classroom Management	_____ 3

INTERNSHIP – 15 hours (see internship requirements on reverse)

SCED 426 & 428	Directed Teaching in Secondary School	_____ 12
SCED 433*	Reflection & Inquiry in Teaching	_____ 3

PRAXIS II passed:

Content Knowledge part I	_____ (date)
Pedagogy	_____ (date)

* Courses must be completed with grade of C or better.

Departmental Policies

1. Students should meet with their academic advisor for detailed advice.
2. 127-131 Credit Hours are required for this program.

ADDITIONAL RECOMMENDED COURSES:

PHYS 316 Quantum Mechanics	PHYS 407 Senior Lab
COSC 120 Computer Science I	ENGR 100 Intro Engineering

PROFESSIONAL PROGRAM REQUIREMENTS

A student is eligible for the Methods Semester after:

1. Completing an application for formal admission to the Professional Program.
2. Completing at least 56 Credits with a minimum GPA of 2.5, including transfer credit.
3. Having a minimum GPA of 2.75 in the academic major, including transfer credits.
4. Passing the required competency tests.
5. Furnishing 3 recommendations from faculty in departments other than the Education Department.
6. Completing 12 credits in major field.

INTERNSHIP REQUIREMENTS

A student is eligible for Internship after:

1. Completing the methods semesters with a minimum GPA of 2.75 in all professional education courses (with no grade below C) including transfer courses.
2. Completing 90 credits with a minimum overall GPA of 2.5, including transfer credit.
3. Having a minimum GPA of 2.75 in the academic major, including transfer credit.
4. Furnishing 2 recommendations from faculty in the Education Department and 1 from the major advisor.

PHYSICS SECONDARY EDUCATION TRACK

(Suggested curriculum guide) 127-131 credit hours total

FIRST YEAR	
FALL	SPRING
PHYS 221 (4)	PHYS 223 (4)
MATH 201 (4)	MATH 202 (4)
HIST 101 or 102(4)	ENGL 103 (4)
EDUC 210 # (3)	PHYS 108 (4)

SECOND YEAR	
FALL	SPRING
PHYS 225 (3)	PHYS 309 (3)
CHEM 121 (4)	CHEM 122 (4)
MATH 310 (4)	MATH 311 (4)
Gen Ed IIIA, B, or C (3-4)	Gen Ed IIIA, B, or C (3-4)
	EDUC 300 # (3)

Field experience in Middle School or High School (choose level that you will NOT student teach).

THIRD YEAR	
FALL	SPRING
PHYS 311 (4)	PHYS 314 (3)
PHYS 313 (3)	PHYS 315 (3)
GEOL 103 or GEOG 104 (4)	CHEM 207 or MDTC 101 (1)
BIOL 101 (4)	EDUC 319 (or 318) (1 or 3)
PHEC 106 (3)	SCED 374 & 339 + (3)
	HIST XXX (4)

+ Field experience in Middle School of High School (choose level that you will NOT student teach).

FOURTH YEAR	
FALL	SPRING
Gen Ed IIIA, B, or C (3-4)	SCED 426 & 428 (12)
SCED 474 & 339 + (3)	SCED 433 (3)
SCED 367 (3)	
ENGL Lit (Gen Ed IB) (4)	
EDUC 416 (3)	

+ Field experience in Middle School or High School (choose level that you WILL student teach).