

Name: _____ ID: _____ Date: _____

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)
 _____ 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
 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
 Satisfied by major _____ X _____
 C. Select one course from MATH
 Satisfied by major _____ X _____

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 for graduation by Nov. 15 for May and May 15 for December.

ACADEMIC MAJOR REQUIREMENTS

check courses taken and record year/grade. SemYr Grade

CHEMISTRY REQUIREMENTS

| | | | | |
|-----------------------------------|-------------------------------------|---|-------|-------|
| <input type="checkbox"/> CHEM 107 | Chemistry: A Human Perspective | } | _____ | _____ |
| OR | | | _____ | _____ |
| <input type="checkbox"/> CHEM 109 | Energy and the Environment | | _____ | _____ |
| CHEM 121 | General Chemistry I | | _____ | _____ |
| CHEM 122 | General Chemistry II | | _____ | _____ |
| CHEM 207 | Laboratory Safety | | _____ | _____ |
| CHEM 221 | Organic Chemistry I | | _____ | _____ |
| CHEM 222 | Organic Chemistry II | | _____ | _____ |
| CHEM 306 | Fundamentals of Inorganic Chemistry | | _____ | _____ |
| CHEM 321 | Analytical Chemistry | | _____ | _____ |
| CHEM 341 | Physical Chemistry I | | _____ | _____ |
| CHEM 342 | Physical Chemistry II | | _____ | _____ |
| CHEM 417 | Biochemistry I | | _____ | _____ |

PHYSICS COURSES

| | | | |
|----------|------------|-------|-------|
| PHYS 221 | Physics I | _____ | _____ |
| PHYS 223 | Physics II | _____ | _____ |

MATHEMATICS

| | | | |
|----------|-------------|-------|-------|
| MATH 201 | Calculus I | _____ | _____ |
| MATH 202 | Calculus II | _____ | _____ |

BIOLOGY COURSES

| | | | |
|----------|-------------------------|-------|-------|
| BIOL 101 | Fundamentals of Biology | _____ | _____ |
|----------|-------------------------|-------|-------|

PRE-PROFESSIONAL REQUIREMENTS – 6 HOURS

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

Competency Tests: - Show satisfactory results on PRAXIS I, SAT or ACT examinations as defined by the Maryland State Department of Education (see Education Advisor regarding passing score).

PROFESSIONAL PROGRAM (see professional requirements on reverse)

METHODS – 15-17 hours

| | | | |
|------------------------------|---|-------|-------|
| Junior Year, Spring Semester | | | |
| EDUC 319* | Technology in Education | _____ | _____ |
| OR EDUC 318 | Computers in Education | _____ | _____ |
| SCED 374* | Science/Reading Methods I | _____ | _____ |
| Senior Year, Fall Semester | | | |
| SCED 367* | Inclusive Instr. For Secondary Teachers | _____ | _____ |
| SCED 474* | Science/Reading Methods II | _____ | _____ |
| SCED 434* | Classroom Management | _____ | _____ |

INTERNSHIP – 15 hours (see internship requirements on reverse)

| | | | |
|-----------|--|-------|-------|
| SCED 426 | Directed Teaching in Middle and High Schools | _____ | _____ |
| SCED 428 | Directed Teaching in Middle and High Schools | _____ | _____ |
| SCED 433* | Reflection & Inquiry in Teaching | _____ | _____ |

Praxis II passed: (date) _____ **Content Knowledge**
 (Maryland Scores) (date) _____ **Pedagogy**

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

Departmental Policies

1. Students should meet with their academic advisor for detailed advice.
2. 128-130 Credit Hours are required for this program.

PROFESSIONAL PROGRAM REQUIREMENTS

In order to enroll in professional education program courses, students must meet the following requirements:

1. Complete an application for formal admission to the Professional Program. Obtain written approval of the application from both content and Education advisors.
2. Complete a minimum of 56 college credits with a minimum of 2.50 GPA, including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in the major, including transfer credits.
4. Complete all pre-professional requirements.
5. Complete four courses in the major field.

DIRECTED TEACHING REQUIREMENTS

Candidates must meet the following requirements for Directed Teaching

1. Complete the written application for Directed Teaching.
2. Complete a minimum of 90 credits including methods and at least eight courses of the academic major (secondary and K-12 programs).
3. Have an overall GPA of at least 2.50 including transfer credit.
4. Have a minimum GPA of at least 2.75 in the academic major courses, including transfer credit, as defined by the academic department.
5. Have a minimum GPA of 2.75 in professional education courses with no grade below C. Students may repeat education courses only once.
6. Obtain verification of completion of requirements from the director of field experiences.

CHEMISTRY SECONDARY EDUCATION TRACK

(Suggested curriculum guide) 127-129 credit hours total

FIRST YEAR

| <u>FALL (16)</u> | <u>SPRING (16)</u> |
|----------------------------|--------------------|
| CHEM 121 (4) | CHEM 122 (4) |
| MATH 201 (4) | MATH 202 (4) |
| CHEM 107 OR 109 (4) | ENGL 103 (4) |
| HIST 101 or 102(4) | BIOL 101 (4) |

SECOND YEAR

| <u>FALL (17-18)</u> | <u>SPRING (16)</u> |
|---------------------|--------------------|
| CHEM 221 (4) | CHEM 207 (1) |
| PHYS 221 (4) | CHEM 222 (4) |
| EDUC 210 (3) | PHYS 223 (4) |
| Gen Ed IIIB (3-4) | EDUC 300 (3) |
| PHEC 106 (3) | HIST XXX (4) |

THIRD YEAR

| <u>FALL (15-16)</u> | <u>SPRING (16-18)</u> |
|---------------------|--|
| CHEM 321 (4) | CHEM 342 (4) |
| CHEM 341 (4) | CHEM 417 (4) |
| Gen Ed IIIA (4) | EDUC 319 OR 318 (1 OR 3) |
| Gen Ed IIIC (3-4) | SCED 374 (4) |
| | SCED 434 (3) |

FOURTH YEAR

| <u>FALL (15)</u> | <u>SPRING (14)</u> |
|--------------------------|---------------------|
| CHEM 306 (4) | SCED 426 & 428 (12) |
| SCED 474 (4) | SCED 433 (2) |
| SCED 367 (3) | |
| ENGL Lit (Gen Ed IB) (4) | |