

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

**General Education Requirements:**

Circle appropriate credit for course taken      SemYr    Grade

**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 credits 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.

**Major Requirements:**

check courses taken and record sem/yr/grade.

CORE REQUIREMENTS

	SemYr	Grade
Required for all Earth Science majors		
GEOG 201      Weather & Climate	_____	4 _____
GEOG 204      Spatial Analysis	_____	4 _____
GEOG 219      Map Interpretation & Analysis	_____	3 _____
GEOG 311      Coastal Processes	_____	3 _____
GEOG 319      Geographic Information Science	_____	4 _____
GEOG 414      Research & Writing	_____	3 _____
GEOL 103      Introduction to Physical Geology	_____	4 _____
GEOL 206      Historical Geology	_____	4 _____
BIOL115/MDTC101 Safety in Biology/Chemistry/Clinical Lab	_____	1 _____
CHEM 121      General Chemistry I	_____	4 _____
<input type="checkbox"/> COSC 117      Programming Fundamentals	}	4 _____
OR		
<input type="checkbox"/> COSC 118      Introductory Scientific Programming		
MATH 155      Modern Statistics	_____	3 _____

TRACK REQUIREMENTS

Complete at least two from the following:

GEOG 316      Biogeography	_____	3 _____
GEOG 401      Soil, Water, and the Environment	_____	3 _____
GEOG 411      Geomorphology	_____	3 _____
GEOL 405      Environmental Geology	_____	3 _____

OTHER REQUIRED SCIENCE COURSES

BIOL 101      Fundamentals of Biology	_____	4 _____
GEOG 141      Current Issues in Earth Science	_____	3 _____
PHYS 108      Introduction to Astronomy	_____	4 _____
PHYS 121      General Physics I	_____	4 _____

PRE-PROFESSIONAL REQUIREMENTS – 6 HOURS

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

**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	_____	1 _____
OR EDUC 318      Computers in Education	_____	3 _____
SCED 374*      Science/Reading Methods I	_____	4 _____

*Senior Year, Fall Semester*

SCED 367*      Inclusive Instr. For Secondary Teachers	_____	3 _____
SCED 474*      Science/Reading Methods II	_____	4 _____
SCED 434*      Classroom Management	_____	3 _____

INTERNSHIP – 15 hours (see internship requirements on reverse)

SCED 426      Directed Teaching in Middle and High School	_____	6 _____
SCED 428      Directed Teaching in Middle and High School	_____	6 _____
SCED 433*      Reflection & Inquiry in Teaching	_____	2 _____

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

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

OTHER RECOMMENDED ELECTIVES

GEOG 389      Regional Field Studies of the U.S.	_____	3 _____
GEOG 399      International Field Study	_____	3-6 _____

**See Professional Education Requirements on reverse.      LDL 6/2009**

## 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.

## EARTH SCIENCE SECONDARY EDUCATION TRACK

(Suggested curriculum guide) 128-130 credit hours total

FIRST YEAR			
FALL (15)		SPRING (15)	
BIOL 101	4	GEOL 104	4
MATH 155	3	GEOG 141	3
ENGL 103	4	CHEM 121	4
HIST 101 or 102	4	ENGL Lit (Gen Ed IB)	4
SECOND YEAR			
FALL (17-18)		SPRING (17-18)	
GEOG 201	4	GEOG 219	3
PHYS 121	4	BIOL 115/MDTC 101	1
Gen Ed IIIA, B, or C	3-4	COSC 117 OR 118	4
GEOG/GEOL Elective	3	Gen Ed IIIA, B, or C	3-4
EDUC 210 or 300	3	PHEC 106	3
		EDUC 210 OR 300	3
THIRD YEAR			
FALL (17-18)		SPRING (16-19)	
GEOL 206	4	PHYS 108	4
GEOG 204	4	GEOG 319	4
GEOG 311	3	EDUC 319 OR 318	1-3
GEOG/GEOL Elective	3	SCED 374	4
Gen Ed IIIA, B, or C	3-4	ELECTIVE	3-4
FOURTH YEAR			
FALL (16-17)		SPRING (14)	
GEOG 414	3	SCED 426	6
SCED 434	3	SCED 428	6
Gen Ed IIIA, B, or C	3-4	SCED 433	2
SCED 367	3		
SCED 474	4		