

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 _____

REQUIRED EDUCATION COURSES

EDUC 210	School in a Diverse Society	_____ 3 _____
EDUC 300	Development, Learning, & Assessment	_____ 3 _____
<input type="checkbox"/> EDUC 319	Technology in Education	_____ 1 _____
OR		
<input type="checkbox"/> EDUC 318	Computers in Education	_____ 3 _____
EDUC 416	Classroom Management	_____ 3 _____
SCED 339	Secondary/K-12 Methods Visitation	_____ 0 _____
SCED 367	Inclusive Instr. for Secondary Teachers	_____ 3 _____
SCED 374	Science/Reading Methods in Secondary School, Part I	_____ 3 _____
SCED 474	Science/Reading Methods in Secondary School, Part II	_____ 3 _____
SCED 426	Directed Teaching in Secondary School	_____ 6 _____
SCED 428	Directed Teaching in Secondary School	_____ 6 _____
SCED 433	Reflection & Inquiry in Teaching Practice	_____ 3 _____

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.

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

1. Apply for formal admission to the professional program.
2. Complete a minimum of 56 college credits with a minimum GPA of 2.50 including transfer credits.
3. Have a cumulative minimum GPA of 2.75 in geosciences including transfer grades.
4. Show satisfactory results on the PRAXIS I Examination as defined by the Maryland State Department of Education. In place of PRAXIS I, Maryland will accept the following options from candidates:
 - SAT taken after 2005, combined math and critical reading scores of 1100
 - SAT taken between 4/95 and 2005, math and verbal composite score of 1100
 - SATA taken prior to 4/95, math and verbal score of 1000
 - ACT composite score of 24
 - GRE math and verbal composite score of 1000
5. Submit at least three positive recommendations from faculty in departments other than education.
6. Obtain written approval of the application from their advisor(s).
7. Have completed 12 credit hours in the major field.
8. Admission to full time internship requires a passing score on the PRAXIS II Content Exam – Earth and Space Sciences: Content Knowledge.
9. Graduation requires passing score on Physical Science: Pedagogy.

EARTH SCIENCE SECONDARY EDUCATION TRACK

(Suggested curriculum guide) 127-133 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 (15-18)	
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	3
Gen Ed IIIA, B, or C	3-4	SCED 339	0
		ELECTIVE	3-4
FOURTH YEAR			
FALL (15-16)		SPRING (15)	
GEOG 414	3	SCED 426	6
EDUC 416	3	SCED 428	6
Gen Ed IIIA, B, or C	3-4	SCED 433	3
SCED 339	0		
SCED 367	3		
SCED 474	3		