

## B.S. GEOLOGY – WATER AND CLIMATE CONCENTRATION

Name: \_\_\_\_\_ ID: \_\_\_\_\_ Program Start Date: \_\_\_\_\_  
 Advisor: \_\_\_\_\_ Expected Month/Year of Graduation: \_\_\_\_\_  
 Dept. Chair Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Note: All information below should be from the student's most recent transcript and/or transfer evaluation sheet. Attach substitution/waiver forms as necessary.

### General Education Requirements

	Cr	Semester	Grade
<b><u>Communications – 9 Credits</u></b>			
(or other approved gen. ed. comm. courses)			
ENGL 110 First Year Composition I	3	_____	_____
ENGL 111 First Year Composition II	3	_____	_____
COMM 101 Fundamentals of Speech Comm.	3	_____	_____
<b><u>Humanities – 6-8 Credits</u></b>			
_____	_____	_____	_____
_____	_____	_____	_____
<b><u>Social Science – 6-8 Credits</u></b>			
_____	_____	_____	_____
_____	_____	_____	_____
<b><u>Cultural Diversity – 3-4 Credits</u></b>			
_____	_____	_____	_____
<b><u>Natural Science – 7-8 Credits</u></b>			
(Satisfied by courses listed under program requirements)			
<b><u>Mathematics – 3 Credits</u></b>			
(Satisfied by courses listed under program requirements)			

	Cr	Semester	Grade
<b>Supporting courses</b>			
EVRN 131 Intro. GIS/GPS	3	_____	_____
EVRN 389 Env. Research Methods	3	_____	_____
GEOG 108 Meteorology & Climatology	4	_____	_____
NSCI 116 Introduction to Oceanography	4	_____	_____
NRES 286 Principles. of Watersheds	3	_____	_____
CHEM 115 General Chemistry I	5	_____	_____
[PHYS 221 Principles of Physics I * <b>or</b>	4	_____	_____
PHYS 231 Applied Physics Eng./Sci I *]	_____	_____	_____
[CHEM 116 General Chemistry II <b>or</b>	4-5	_____	_____
PHYS 222 Principles of Physics II * <b>or</b>	_____	_____	_____
PHYS 232 Applied Physics Eng./Sci. II *]	_____	_____	_____
MATH 111 College Algebra	3	_____	_____
[MATH 112 Calculus for Bus. and Life Sci. *	4	_____	_____
or MATH 151 Calculus I *]	_____	_____	_____
[MATH 207 Prin. of Statistical Methods or	3	_____	_____
MATH 308 Prob. and Math. Statistics or	_____	_____	_____
BUSN 211 Business Statistics or	_____	_____	_____
BIOL 280 Biostatistics]	_____	_____	_____

**Supporting Courses Subtotal 40-41**

### Program Requirements

	Cr	Semester	Grade
NRES 199 Freshman Seminar	1	_____	_____
GEOL 121 Physical Geology	4	_____	_____
GEO L122 Historical Geology	4	_____	_____
GEOL 223 Earth Materials	4	_____	_____
GEOL 308 Structural Geology Systems	4	_____	_____
GEOL 315 Geoenvironmental Systems	4	_____	_____
GEOL 322 Geochemical Systems	4	_____	_____
GEOL 334 Hydrologic Systems:	4	_____	_____
GEOL 431 Geophysical Systems	4	_____	_____
GEOL 440 Technology in Geology	2	_____	_____
GEOL 450 Geology Seminar I	1	_____	_____
GEOL 451 Geology Seminar II	1	_____	_____
<b>Program Requirements Subtotal</b>	<b>37</b>		

<b>Distributed electives at least 10 credits</b>			
EVRN 211 Field Data Methods	1	_____	_____
EVRN 225 Intermediate GIS	3	_____	_____
EVRN 311 Environmental Law	3	_____	_____
EVRN 315 Human Impacts on the Env	4	_____	_____
EVRN 325 Geospatial Analysis	3	_____	_____
EVRN 341 Fate and Transport in the Env	4	_____	_____
EVRN 365 Applied Geospatial Technologies	4	_____	_____
EVRN 495 Senior Project	2	_____	_____
GEOL 355 Stratigraphy and Sedimentation	4	_____	_____
GEOL 480 Advanced Field Geology	3	_____	_____
GEOL 490 Research Topics in Geology	1-4	_____	_____
GEOL 495 Senior Project	2.	_____	_____
NSCI 103 Environmental Science	3	_____	_____
NRES 230 Introduction to Soil Science	4	_____	_____
NRES 284 Principles of Forest Con.	4	_____	_____
NRES 345 Limnology	4	_____	_____
NRES 399 Research Project Design	1	_____	_____
NRES 499 Senior Capstone	1	_____	_____
<b>Distributed Electives Subtotal</b>	<b>10</b>		

**Directions:** Fill in the semester and grade for each course as completed. Two semesters before your intended graduation date this form should be filled in indicating the courses you are then taking, and those you will take in the next semester. Have the form signed and submit to the Fletcher Center with your Graduation Application form. You must have a signed Course Substitution/Waiver Form for any deviations from the audit above – see your advisor for this form.

\* Students with adequate preparation in mathematics and/or interested in graduate studies are advised to take MATH151 and MATH152 and PHYS231 and PHYS232 and CHEM116.

**Students must complete additional course for a minimum of 124 credits to receive a Bachelor's degree.**