Concentration requirement

IDN: \_\_\_\_\_

Printed Name: \_\_\_\_

# BS-Geoscience-Major Code: 3059 Concentrations: Professional C072; Environmental C073

This degree is not available in a guaranteed 8-semester plan for qualified freshmen. See your advisor to declare your major and sign an official degree plan. The prerequisites and corequisites of the degree requirements are subject to change.

requisites: ENGL 0201 ENGL 0202 N	MATH 0301	MATH 0302	MATH 0201
FRESHMAN YEAR- FALL SEMESTER: 15 hours			
Courses			
STEM 1001 College Preparation for STEM Majors	1 Hour		Grade
CHEM 1403/1401 College Chemistry I/Lab	4 Hours		Grade
GEOL 1253/1251 Physical Geology/Lab Or			
GEOL 2653 Earth Science/Lab	4 Hours	Note 2	Grade
CS 1093 Computer and Information Science Concept	s 3 Hours	Note 2	Grade
English composition requirement	3 Hours	Note 1	Grade
FRESHMAN YEAR- SPRING SEMESTER: 15 hours			
Courses			
CHEM 1413/1411 College Chemistry II/Lab	4 Hours		Grade
GEOL 2263/2261 Historical Geology/Lab	4 Hours	Note 2	Grade
MATH 2804 Calculus I	4 Hours		Grade
English composition requirement	3 Hours	Note 1	Grade
SOPHOMORE YEAR- FALL SEMESTER: 15 hours			
Courses			
FIN 1521 Personal Finance Application	1 Hour	Note 4	Grade
GEOL 2003 Geoscience Seminar	3 Hours	Note 2	Grade
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade
UAS 1103 Introduction to GIS	3 Hours	Note 2	Grade
PHYS 2803/2811 College Physics I/Lab or			
PHYS 2903/2911 University Physics I/Lab	4 Hours	Note 2	Grade
Elective	1 Hour		Grade
SOPHOMORE YEAR- SPRING SEMESTER: 14 hours			
Courses			
GEOL 3014 Geological Field Methods	4 Hours	Note 2	Grade
PHYS 2823/2831 College Physics II/Lab or			
PHYS 2923/2931 University Physics II/Lab	4 Hours	Note 2	Grade
SPCH 1203 Introduction to Speech Communication	3 Hours		Grade
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade
IUNIOR YEAR- FALL SEMESTER: 15 hours			
Courses			
GEOL 3404 Structural Geology	4 Hours	Note 2	Grade
GEOL 4104 Sedimentary Deposition	4 Hours	Note 2	Grade
GEOL 2313/2311 Minerals and Rocks/Lab	4 Hours	Note 2	Grade
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade
JUNIOR YEAR- SPRING SEMESTER: 15 hours			
Courses			
GEOL 4124 Sedimentary Stratigraphy	4 Hours	Note 2	Grade
GEOL 3504 Petrology	4 Hours	Note 2	Grade
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade
Concentration requirement	A Hours	Note 2 & 3	Grade

4 Hours

Note 2 & 3

Grade\_\_\_\_\_

## IDN: \_\_\_\_\_ Printed Name: \_\_\_\_\_

SUMMER SEMESTER: 0-6 Hours GEOL 4406 Summer Field Geology (Professional Concentration only)	6 Hours	Note 2	Grade
SENIOR YEAR- FALL SEMESTER: 14-17 hours			
Courses			
Concentration requirement			
(Environmental Concentration only)	3 Hours	Note 2 & 3	Grade
Concentration requirement	3 Hours	Note 2 & 3	Grade
Concentration requirement	4 Hours	Note 2 & 3	Grade
Concentration requirement	4 Hours	Note 2 & 3	Grade
History/Government requirement	3 Hours	Note 1	Grade

### SENIOR YEAR- SPRING SEMESTER: 11-14 hours

### Courses

Concentration requirement			
(Environmental Concentration only)	3 Hours	Note 2 & 3	Grade
Concentration requirement	3 Hours	Note 2 & 3	Grade
Concentration requirement	4 Hours	Note 2 & 3	Grade
Concentration requirement	4 Hours	Note 2 & 3	Grade

### Total Hours: 120 At least 40 hours must be upper level

### NOTES

- 1. Follow the State General Education Core Requirements, see Graduation Requirements section of this catalog.
- 2. These courses are used to determine major GPA, see Graduation Requirements section of this catalog. A grade of C or better is required in all courses in the major.
- 3. Concentration requirements -32 Hours

#### Professional Concentration \_\_\_\_\_

GEOL 4214 Invertebrate Paleontology

GEOL 4406 Summer Field Geology Plus 22 additional hours to satisfy the minimum 120 hours required for graduation. At least 10 of these hours must be upper level GEOL courses to satisfy the minimum 40 hours of upper-level courses required for graduation.

### Environmental Concentration

UAS 1203 GPS GNSS Fundamentals UAS 2003 GIS Analysis CHEM 2703/2701 Organic Chemistry I/Lab GEOL 3833 Environmental Geology GEOL 4023 Applied Geographic Information Systems GEOL 4304 Environmental Geochemistry Plus 12 additional hours to satisfy the minimum 120 hours required for graduation. At least 10 of these hours must be upper level GEOL courses to satisfy the minimum 40 hours of upper-level courses required for graduation.

4. Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.

#### **Student Degree Program Requirements**

A student's degree program requirements are those specified in the catalog in effect at the time of declaration of program major. Students must meet the above program requirements and the graduation requirements as indicated by institutional and college policy. The program can be changed only with the approval of the official advisor. If original courses are eliminated, students may be required to meet new curriculum requirements in the degree program. If students are not enrolled for two or more consecutive terms (excluding summer terms), they must re-enter under the program requirements of the current catalog. Students are responsible for understanding program requirements and changes. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature	Date
Advisor Signature	Date