GEOLOGY, BACHELOR OF SCIENCE

To obtain a B.S. with a major in Geology, a student must fulfill university, college, and departmental requirements.

Geology, Bachelor of Science Career Geology Track Requirements

Code GENERAL EDUCATION Required	Title C DN REQUIREMENTS - 46 Hours	redits
Minimum of "C-"requi	ired	
Fundamental Acad	emic Skills	15
ENGL 1150	ENGLISH COMPOSITION I	
ENGL 1160	ENGLISH COMPOSITION II	
GEOL 4950	SENIOR THESIS (Writing in the Discipline Course)	
CMST 1110	PUBLIC SPEAKING FUNDS	
or CMST 2120	ARGUMENTATION AND DEBATE	
MATH 1120	INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING	
or MATH 1100	DATA LITERACY AND VISUALIZATION	
or MATH 1130	QUANTITATIVE LITERACY	
or MATH 1140	QUANTITATIVE REASONING FOR HEALTHCARI PROFESSIONALS	Ē
or MATH 1300	COLLEGE ALGEBRA WITH SUPPORT	
or STAT 1100	DATA LITERACY AND VISUALIZATION	
or STAT 1530	ELEMENTARY STATISTICS	
Distribution Requir	ements	31
Natural Science - F 7 hrs	rom two disciplines and at least one lab -	
Social Science - Fro	om two disciplines - 9 hrs	
Humanities and Fir	ne Arts - From two disciplines- 9 hrs	
Global Diversity - 3	hrs	
US Diversity - 3 hrs		

**Course will satisfy UNO's General Education requirement
^Course requires pre-requisite(s) Geology Major, Geology Career - 65-74 Hours Required

Required Course	work	28
GEOL 1170	INTRODUCTION TO PHYSICAL GEOLOGY (**)	
GEOL 1180	INTRODUCTION TO HISTORICAL GEOLOGY (^)	
GEOL 2300	GEOSCIENCE DATA ANALYSIS AND MODELING (^)	
GEOL 2750	MINERALOGY (^)	
GEOL 2754	MINERALOGY LABORATORY (^)	
GEOL 3300	STRUCTURAL GEOLOGY (^)	
GEOL 3310	STRUCTURAL GEOLOGY FIELD METHODS (^)	
GEOL 3400	INTRODUCTION TO SEDIMENTARY GEOLOGY (^)	
GEOL 4620	ADVANCED FIELD COURSE (^)	

GEOL 4260	PROCESS GEOMORPHOLOGY (^)	
GEOL/GEOG 4640	CRITICAL ZONE SCIENCE (^)	
GEOL/GEOG 4330	SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION (^)	
Select one of the fo	llowing	3
GEOL 4800	INTERNSHIP IN ENVIRONMENTAL/ REGIONAL PLANNING/EARTH SCIENCE (** ^)	
GEOL 4950	SENIOR THESIS (** ^)	
Additional Geology consultation with a	or Geography courses in dvisor	12
Additional Chemist	ry coursework	4
CHEM 1180	GENERAL CHEMISTRY I (** ^)	
CHEM 1184	GENERAL CHEMISTRY I LABORATORY (^)	
Select one of the fo Required	llowing Chemistry options - 3-4 Hours	3-4
CHEM 1190	GENERAL CHEMISTRY II (^)	
CHEM 1194	GENERAL CHEMISTRY II LABORATORY	
OR		
GEOL 4540	GEOCHEMISTRY (^)	
	llowing Mathematics options	3-9
MATH 1950	CALCULUS I (^)	
MATH 1960	CALCULUS II	
OR	CALCULUS FOR THE MANAGERIAL LIFE	
MATH 1930	CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES (^)	
Additional Physics		5
PHYS 2110	GENERAL PHYSICS I - CALCULUS LEVEL (^)	
PHYS 1154	GENERAL PHYSICS LABORATORY I (** ^)	
Select one of the fo	llowing Physics options	3-5
PHYS 2120	GENERAL PHYSICS-CALCULUS LEVEL (^)	
PHYS 1164	GENERAL PHYSICS LABORATORY II (^)	
OR		
GEOL 4400	GEOPHYSICS (^)	
College Breadth (ch		15-30 +
Option 1: Complete ar certificate - 15+ hours	ny UNO minor or undergraduate	
Option 2: Additional G hours	General Education Requirements - 19+	
Additional quantita	tive literacy - 3 hours	
Additional Social So hours	cience Gen. Ed. from 3rd Discipline - 3	
Additional Humani	ties Gen. Ed. from 3rd Discipline - 3 hours	
HIST 1000 and HIS	T 1010 - 6 hours	
Additional Nat. and	d Physical Science w/ Lab - 4-5 hours	
Option 3: CAS compre UNO major (30+ hour	hensive major (50+ hours) OR any second s)	
Bachelor of Science	e Cognate Requirement	0-15
See advisor.		
ELECTIVES		
Elective hours as requ	ired to reach a total of 120 hours	

MAJOR REQUIREMENTS

Geology, Bachelor of Science General Geology Track Requirements

RENERAL EDUCATION REQUIREMENTS - 46 Hours required finimum of "C-"required undamental Academic Skills 15 ENGL 1150 ENGLISH COMPOSITION I ENGL 1160 ENGLISH COMPOSITION II GEOL 4950 SENIOR THESIS (Writing in the Discipline Course) CMST 1110 PUBLIC SPEAKING FUNDS or CMST 2120 ARGUMENTATION AND DEBATE MATH 1120 INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING or MATH 1130 QUANTITATIVE LITERACY or MATH 1140 QUANTITATIVE LITERACY or MATH 1300 COLLEGE ALGEBRA WITH SUPPORT or STAT 1300 ELEMENTARY STATISTICS sistribution Requirements 31 Natural Science - From two disciplines and at least one lab - 7 hrs Social Science - From two disciplines - 9 hrs Humanities and Fine Arts - From two disciplines- 9 hrs Global Diversity - 3 hrs MAJOR REQUIREMENTS "Course will satisfy UNO's General Education requirement Course requires pre-requisite(s) seclogy Major, General Geology - 63-65 Hours Required required Coursework 28 GEOL 1170 INTRODUCTION TO PHYSICAL GEOLOGY ("*) GEOL 2300 GEOSCIENCE DATA ANALYSIS AND MODELING (") GEOL 2750 MINERALOGY (") GEOL 3310 STRUCTURAL GEOLOGY (") GEOL 3310 STRUCTURAL GEOLOGY (") GEOL 3310 STRUCTURAL GEOLOGY (") GEOL 3400 INTRODUCTION TO SEDIMENTARY GEOL 4620 PROCESS GEOMORPHOLOGY (") GEOL 4620 ADVANCED FIELD COURSE (") GEOL 4620 PROCESS GEOMORPHOLOGY (") GEOL 4620 PROCESS GEOMORPHOLOGY (")	Kequirem	ents	
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decology Major, General Geology - 63-65 Hours Required Coursework 28 GEOL 1170 INTRODUCTION TO PHYSICAL GEOLOGY (**) GEOL 1180 INTRODUCTION TO HISTORICAL GEOLOGY (**) GEOL 2300 GEOSCIENCE DATA ANALYSIS AND MODELING (^) GEOL 2750 MINERALOGY (^) GEOL 2754 MINERALOGY LABORATORY (^) GEOL 3300 STRUCTURAL GEOLOGY (^) GEOL 3310 STRUCTURAL GEOLOGY FIELD METHODS (^) GEOL 3400 INTRODUCTION TO SEDIMENTARY GEOLOGY (^) GEOL 4620 ADVANCED FIELD COURSE (^) elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^)	•	·	
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GEOL 1180 INTRODUCTION TO HISTORICAL GEOLOGY (^) GEOL 2300 GEOSCIENCE DATA ANALYSIS AND MODELING (^) GEOL 2750 MINERALOGY (^) GEOL 2754 MINERALOGY LABORATORY (^) GEOL 3300 STRUCTURAL GEOLOGY (^) GEOL 3310 STRUCTURAL GEOLOGY FIELD METHODS (^) GEOL 3400 INTRODUCTION TO SEDIMENTARY GEOLOGY (^) GEOL 4620 ADVANCED FIELD COURSE (^) elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^) GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)	•	INTRODUCTION TO PHYSICAL GEOLOGY	
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GEOL 2750 MINERALOGY (^) GEOL 2754 MINERALOGY LABORATORY (^) GEOL 3300 STRUCTURAL GEOLOGY (^) GEOL 3310 STRUCTURAL GEOLOGY FIELD METHODS (^) GEOL 3400 INTRODUCTION TO SEDIMENTARY GEOLOGY (^) GEOL 4620 ADVANCED FIELD COURSE (^) elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^) GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)	GEOL 2300	GEOSCIENCE DATA ANALYSIS AND	
GEOL 2754 MINERALOGY LABORATORY (^) GEOL 3300 STRUCTURAL GEOLOGY (^) GEOL 3310 STRUCTURAL GEOLOGY FIELD METHODS (^) GEOL 3400 INTRODUCTION TO SEDIMENTARY GEOLOGY (^) GEOL 4620 ADVANCED FIELD COURSE (^) elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^) GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)	GEOL 2750		
GEOL 3300 STRUCTURAL GEOLOGY (^) GEOL 3310 STRUCTURAL GEOLOGY FIELD METHODS (^) GEOL 3400 INTRODUCTION TO SEDIMENTARY GEOLOGY (^) GEOL 4620 ADVANCED FIELD COURSE (^) elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^) GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)		* /	
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GEOL 3400 INTRODUCTION TO SEDIMENTARY GEOLOGY (^) GEOL 4620 ADVANCED FIELD COURSE (^) elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^) GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)	GEOL 3310	STRUCTURAL GEOLOGY FIELD METHODS	
elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^) GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)	GEOL 3400	INTRODUCTION TO SEDIMENTARY	
elect one of the following 4 GEOL 4260 PROCESS GEOMORPHOLOGY (^) GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)	GEOL 4620	• • • • • • • • • • • • • • • • • • • •	
GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)		()	4
GEOL/GEOG 4640 CRITICAL ZONE SCIENCE (^)	GEOL 4260	PROCESS GEOMORPHOLOGY (^)	
,	GEOL/GEOG 4640		
CLASSIFICATION (^)	GEOL/GEOG 4330	SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION (^)	
elect one of the following 3	Select one of the fo		3

GEOL 4800	INTERNSHIP IN ENVIRONMENTAL/ REGIONAL PLANNING/EARTH SCIENCE (** ^)	
GEOL 4950	SENIOR THESIS (** ^)	
Additional Geology consultation with a	or Geography courses in dvisor	12
An approved Statis	tics course	3
Other required cou	rsework	10
CHEM 1140	FUNDAMENTALS OF COLLEGE CHEMISTRY (** ^)	
CHEM 1144	FUNDAMENTALS OF COLLEGE CHEMISTRY LABORATORY (** ^)	
PHYS 1110	GENERAL PHYSICS I (** ^)	
PHYS 1154	GENERAL PHYSICS LABORATORY I (** ^)	
Select one of the fo	llowing options	3-5
PHYS 1120	GENERAL PHYSICS II	
PHYS 1164	GENERAL PHYSICS LABORATORY II (^)	
OR		
GEOL 4400	GEOPHYSICS (^)	
Required	noose one option) - 15-30+ Hours	15-30+
Required	ny UNO minor or undergraduate	15-30+
Required Option 1: Complete accertificate - 15+ hours	ny UNO minor or undergraduate	15-30 +
Required Option 1: Complete an certificate - 15+ hours Option 2: Additional Chours	ny UNO minor or undergraduate	15-30+
Required Option 1: Complete a certificate - 15+ hours Option 2: Additional Chours Additional quantite	ny UNO minor or undergraduate General Education Requirements - 19+	15-30+
Required Option 1: Complete a certificate - 15+ hours Option 2: Additional C hours Additional quantite Additional Social S hours	ny UNO minor or undergraduate S General Education Requirements - 19+ ative literacy - 3 hours	15-30+
Required Option 1: Complete a certificate - 15+ hours Option 2: Additional C hours Additional quantite Additional Social S hours	ny UNO minor or undergraduate General Education Requirements - 19+ ative literacy - 3 hours cience Gen. Ed. from 3rd Discipline - 3 ties Gen. Ed. from 3rd Discipline - 3 hours	15-30+
Required Option 1: Complete an certificate - 15+ hours Option 2: Additional Chours Additional quantite Additional Social Shours Additional Humani HIST 1000 and HIS	ny UNO minor or undergraduate General Education Requirements - 19+ ative literacy - 3 hours cience Gen. Ed. from 3rd Discipline - 3 ties Gen. Ed. from 3rd Discipline - 3 hours	15-30+
Required Option 1: Complete an certificate - 15+ hours Option 2: Additional Chours Additional quantite Additional Social Shours Additional Humani HIST 1000 and HIS Additional Nat. and	ny UNO minor or undergraduate General Education Requirements - 19+ ative literacy - 3 hours cience Gen. Ed. from 3rd Discipline - 3 ties Gen. Ed. from 3rd Discipline - 3 hours IT 1010 - 6 hours d Physical Science w/ Lab - 4-5 hours chensive major (50+ hours) OR any second	15-30+
Required Option 1: Complete at certificate - 15+ hours Option 2: Additional Chours Additional quantite Additional Social Shours Additional Humani HIST 1000 and HIS Additional Nat. and Option 3: CAS compres UNO major (30+ hours)	ny UNO minor or undergraduate General Education Requirements - 19+ ative literacy - 3 hours cience Gen. Ed. from 3rd Discipline - 3 ties Gen. Ed. from 3rd Discipline - 3 hours IT 1010 - 6 hours d Physical Science w/ Lab - 4-5 hours chensive major (50+ hours) OR any second	0-15
Required Option 1: Complete at certificate - 15+ hours Option 2: Additional Chours Additional quantite Additional Social Shours Additional Humani HIST 1000 and HIS Additional Nat. and Option 3: CAS compres UNO major (30+ hours)	ny UNO minor or undergraduate General Education Requirements - 19+ ative literacy - 3 hours cience Gen. Ed. from 3rd Discipline - 3 ties Gen. Ed. from 3rd Discipline - 3 hours at 1010 - 6 hours d Physical Science w/ Lab - 4-5 hours ehensive major (50+ hours) OR any second	
Required Option 1: Complete at certificate - 15+ hours Option 2: Additional Chours Additional quantite Additional Social Shours Additional Humani HIST 1000 and HIS Additional Nat. and Option 3: CAS compres UNO major (30+ hours Bachelor of Science	ny UNO minor or undergraduate General Education Requirements - 19+ ative literacy - 3 hours cience Gen. Ed. from 3rd Discipline - 3 ties Gen. Ed. from 3rd Discipline - 3 hours at 1010 - 6 hours d Physical Science w/ Lab - 4-5 hours ehensive major (50+ hours) OR any second	
Required Option 1: Complete at certificate - 15+ hours Option 2: Additional Chours Additional quantite Additional Social Shours Additional Humani HIST 1000 and HIS Additional Nat. and Option 3: CAS compre UNO major (30+ hour Bachelor of Science See advisor ELECTIVES	ny UNO minor or undergraduate General Education Requirements - 19+ ative literacy - 3 hours cience Gen. Ed. from 3rd Discipline - 3 ties Gen. Ed. from 3rd Discipline - 3 hours at 1010 - 6 hours d Physical Science w/ Lab - 4-5 hours ehensive major (50+ hours) OR any second	

Geology Career Track Four Year

Plan Freshman

Fall		Credits
GEOL 1170	INTRODUCTION TO PHYSICAL GEOLOGY	4
MATH 1930	CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES (*)	3
ENGL 1150	ENGLISH COMPOSITION I (**)	3
CMST 1110 or CMST 2120	PUBLIC SPEAKING FUNDS or ARGUMENTATION AND DEBATE	3
Humanities and Fine	Arts	3
*MATH 1930: Requ	ires MATH 1320 within the last two years,	

or Math ACT sub-score of 25 within the last two years, or appropriate Math Placement Exam score within the last two years. (As an alternative, students may opt to take MATH 1950 and MATH 1960 with proper placement.)

**ENGL 1150: Requires appropriate placement via EPPE, AP,

Credits 16

Spring		
GEOL 1180	INTRODUCTION TO HISTORICAL GEOLOGY (*)	4
CHEM 1180 & CHEM 1184	GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY (**)	4
ENGL 1160	ENGLISH COMPOSITION II (***)	3
Social Science		3
*GEOL 1180: Rec prior to enrolling	quires GEOL 1170 (Consult with your advisor in this course)	
date prerquisites	ee the catalog for the most up-to- . Must take CHEM 1184 concurrently. 184 are part of the BS Cognate.	
	equires ENGL 1150 or appropriate	
<u> </u>	Credits	14
Sophomore Fall		
GEOL 2750	MINERALOGY	4
& GEOL 2754	and MINERALOGY LABORATORY (*)	
GEOL 2300	GEOSCIENCE DATA ANALYSIS AND MODELING (**)	3
	e Arts/Global Diversity	3
HIST 1000 or Minor	/2nd Major Course***	3
*GEOL 2750: Rec concurrently.	quires GEOL 1170. GEOL 2754 must be taken	
	quires GEOL 1010 or GEOL 1170 or ermission of instructor.	
***A&S College R	Requirement Option.	
	Credits	13
Spring		
Approved GEOL Elec	ctive	4
PHYS 2110 & PHYS 1154	GENERAL PHYSICS I - CALCULUS LEVEL and GENERAL PHYSICS LABORATORY I	5
	(*)	
Social Science/US D	•	3
CHEM 1190 & CHEM 1194 or GEOL 4540	GENERAL CHEMISTRY II (**) or GEOCHEMISTRY	3-4
*PHYS 2110: Req Math ACT sub-sc	uires MATH 1930 for Geology majors, or ore of 25, or appropriate Math Placement S 2110-1154 is a part of the BS Cognate.	
	ee the catalog for the most up-to-date quires concurrent enrollment in CHEM 1194.	
	Credits	15-16
Junior		
Fall		
GEOL 3400	INTRODUCTION TO SEDIMENTARY GEOLOGY (*)	3
Approved GEOL Elec	ctive	3
Approved GEOL Elec		4
PHYS 2120 & PHYS 1164	GENERAL PHYSICS-CALCULUS LEVEL (**) or GEOPHYSICS	3-5
or GEOL 4400 HIST 1010 or Minor	/2nd Major Course***	3
	guires GEOL 2750 and 2754	3
	quires PHYS 2110 and MATH 1960 or for	
	Requirement Option.	
, as conege in	Credits	16-18

Spring		
GEOL 3300	STRUCTURAL GEOLOGY	4
& GEOL 3310	and STRUCTURAL GEOLOGY FIELD METHODS (*)	
or GEOL 4260 or GEOG 4260 or GEOL 4640 or GEOG 4640 or GEOL 4330 or GEOG 4330	PROCESS GEOMORPHOLOGY (**,***) or PROCESS GEOMORPHOLOGY or CRITICAL ZONE SCIENCE or CRITICAL ZONE SCIENCE or SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION or SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION	4
Social Science#		3
Humanities and Fin	e Arts course^	3
*GEOL 3300: Red	uires GEOL 2750+2754	
**GEOL 4260: Re GEOL 1010 or GI	quires GEOG 1030 or GEOG 1050 or EOL 1170	
or GEOG 1030; o recommended. G	1640: Requires GEOL 1170 or GEOL 1010 and one chemistry or physics course GEOL/GEOG 4330: Requires GEOL 1030 or EOL 1010 or GEOL 1170.	
# Social Science	must be in a 2nd discipline.	
^ HFA must be fro	om 2nd discipline.	
	Credits	14
Summer		
GEOL 4620	ADVANCED FIELD COURSE (*,**)	6
*GEOL 4620 is us and Senior Years	sually taken in the Summer between Junior	
**GEOL 4620: Re GEOL 2760; GEO	quires GEOL 1170; GEOL 1180; GEOL 2750; L 3300	
	Credits	6
Senior		
Fall		
GEOL elective		1
Additional Humanit	y/Fine Arts course for A&S or Minor/2nd	3

Credits		6
	Senior	
	Fall	
	GEOL elective	1
	Additional Humanity/Fine Arts course for A&S or Minor/2nd Major course*	3
	Additional Social Science for A&S or Minor/2nd Major course **	3
	Elective or Minor/2nd Major course***	3
	Elective or Minor/2nd Major course***	3
	*A&S College Requirement Option. Humanities/Fine Arts course for A&S must be in a 3rd discipline.	
	**A&S College Requirement Option, Additional SS must be in	

***120 total credits are required for a degree, with a minimum of 18 upper level (3000-4000) credits in the major and 27 upper level credits throughout the degree.

Selecting 3000-4000 level electives can help you reach these minimums.

a 3rd discipline.

	Credits	13
Spring		
GEOL 4800 or GEOL 4950	INTERNSHIP IN ENVIRONMENTAL/ REGIONAL PLANNING/EARTH SCIENCE (*,**) or SENIOR THESIS	3
ENGL 3980	TECHNICAL WRITING ACROSS THE DISCIPLINES (OR Elective***)	3
Elective***		3
Elective***		4
	uires Senior status, major or area of geography or environmental science AND	

**GEOL 4950: Requires Senior status

***120 total credits are required for a degree, with a minimum of 18 upper level (3000-4000) credits in the major and 27 upper level credits throughout the degree. Selecting 3000-4000 level electives can help you reach these minimums.

Note: If students take GEOL 4950, the Writing in the Discipline requirement will be fulfilled. If students select GEOL 4800, they must take a separate WID course, such as ENGL 3980. ENGL 3980 or other approved WID courses require ENGL 1160.

> **Credits** 13 **Total Credits** 120-123

Geology, Bachelor of Science Geology General Track Four Year Plan

E It		
Freshman		
Fall		Credits
GEOL 1170	INTRODUCTION TO PHYSICAL GEOLOGY	4
MATH 1220 or MATH 1300	COLLEGE ALGEBRA (*) or COLLEGE ALGEBRA WITH SUPPORT	3-4
ENGL 1150	ENGLISH COMPOSITION I (**)	3
CMST 1110 or CMST 2120	PUBLIC SPEAKING FUNDS or ARGUMENTATION AND DEBATE	3
Humanities and Fine	Arts	3

*MATH: Please see the catalog for the most up-to-date prerequisites.

**ENGL 1150: Requires EPPE, ACT, or AP placement.

	Credits	16-1/
Spring		
GEOL 1180	INTRODUCTION TO HISTORICAL GEOLOGY (*)	4
CHEM 1140 & CHEM 114	FUNDAMENTALS OF COLLEGE 4 CHEMISTRY and FUNDAMENTALS OF COLLEGE CHEMISTRY LABORATORY (**)	5
ENGL 1160	ENGLISH COMPOSITION II (***)	3
Social Science	e	3
*GEOL 118	30: Requires GEOL 1170 (Consult with your advisor	

prior to enrolling in this course)

**CHEM 1140-1144: Please see the catalog for the most upto-date prerequisites. CHEM 1140+1144 is part of the BS Cognate.

***ENGL 1160: Requires ENGL 1150 with grade of C- or better, or EPPE or AP placement.

	Credits	15
Sophomore		
Fall		
GEOL 2750	MINERALOGY	4
& GEOL 2754	and MINERALOGY LABORATORY (*)	
Statistics course*	k	3
HIST 1010 or Min	or/2nd Major Course***	3
Humanities and F	ine Arts/Global Diversity	3
*GEOL 2750: R concurrently.	equires GEOL 1170. Must take GEOL 2754	

**Most statistics courses require some sort of prerequisite.

Statistics is a part of the BS Cognate.

	Credits	13	
Spring			
PHYS 1110 & PHYS 1154	GENERAL PHYSICS I and GENERAL PHYSICS LABORATORY I (*)	5	
Approved GEOL Elective			
Social Science/US Diversity			
HIST 1000 or Minor/	² nd Major Course**	3	
or Math ACT sub-	uires MATH 1220 (or MATH 1300 or higher), score of 23, or appropriate Math Placement 5 1110+1154 are part of the BS Cognate.		
**A&S College Re	quirement Option.		
	Credits	15	
Junior			
Fall			
GEOL 3400	INTRODUCTION TO SEDIMENTARY GEOLOGY (*)	3	
GEOL 2300	GEOSCIENCE DATA ANALYSIS AND MODELING (**)	3	
PHYS 1120 & PHYS 1164 or GEOL 4400	GENERAL PHYSICS II (***) or GEOPHYSICS	3-5	
Approved GEOL elec	tive^	4	
Elective course (if do	ning GEOL 4400 above)	2	
*GEOL 3400: Req instructor	uires GEOL 2750 and 2754 or permission of		
**GEOL 2300: Red GEOG 1030	quires GEOL 1010 or GEOL 1170 or		
***PHYS 1120: Re	quires PHYS 1110		
^GEOL 4400: Req	uires GEOL 1170 and PHYS 1110/2110.		
	Credits	15-17	
Spring			
GEOL 3300 & GEOL 3310	STRUCTURAL GEOLOGY and STRUCTURAL GEOLOGY FIELD METHODS (*)	4	
GEOL/GEOG 4260 or GEOL 4640 or GEOG 4640 or GEOL 4330 or GEOG 4330	PROCESS GEOMORPHOLOGY (**,***) or CRITICAL ZONE SCIENCE or CRITICAL ZONE SCIENCE or SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION or SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION	2	
Social Science#		3	
Social Science for A&S or Minor/2nd Major course^			
Elective course			
*GFOL 3300: Reg	uires GEOL 2750+2754		

**GEOL 4260: Requires GEOG 1030 or GEOG 1050 or GEOL 1010 or GEOL 1170. Offered in Spring semesters of

***GEOL/GEOG 4640: Requires GEOL 1170 or GEOL 1010 or GEOG 1030; and one chemistry or physics course recommended. Offered in Spring semesters of odd years. GEOL/GEOG 4330: Requires GEOG 1030 or GEOG 1050 or GEOL 1010 or GEOL 1170.

#Social Science must be in a 2nd discipline.

^Additional SS must be in a 3rd discipline.

Note: 120 total credits are required for a degree, with a minimum of 18 upper level (3000-4000) credits in the major and 27 upper level credits throughout the degree. Selecting 3000-4000 level electives can help you reach these minimums.

	Credits	15
Summer		
GEOL 4620	ADVANCED FIELD COURSE (*,**)	6
*GEOL 4620 is and Senior Ye	s usually taken in the Summer between Junior ars.	
**GEOL 4620: GEOL 2760; G	Requires GEOL 1170; GEOL 1180; GEOL 2750; EOL 3300	
	Credits	6

Senior

Fall

Approved GEOL elective	3
Humanities and Fine Arts*	3
Additional Humanity & Fine Arts course for A&S or Minor/2nd Major course**	
Elective***	3

*Humanities/Fine Arts must be in a 2nd discipline.

Credits

- **A&S College Requirement Option. HFA for A&S must be in a 3rd discipline.
- ***120 total credits are required for a degree, with a minimum of 18 upper level (3000-4000) credits in the major and 27 upper level credits throughout the degree. Selecting 3000-4000 level electives can help you reach these minimums.

Spring GEOL 4800 INTERNSHIP IN ENVIRONMENTAL/ 3 or GEOL 4950 **REGIONAL PLANNING/EARTH SCIENCE** or SENIOR THESIS **GEOL 4260** PROCESS GEOMORPHOLOGY (if not taken previous spring) or elective/ minor/2nd major course) **ENGL 3980** TECHNICAL WRITING ACROSS THE 3 DISCIPLINES (OR Upper Level Elective***) Minor or Elective course[^] 3

12

*GEOL 4800: Requires Senior status, major or area of concentration in geography or environmental science AND permission.

- **GEOL 4950: Requires Senior status
- ***Note: If students take GEOL 4950, the Writing in the Discipline requirement will be fulfilled. If students select GEOL 4800, they must take a separate WID course, such as ENGL 3980. ENGL 3980 or other approved WID courses require ENGL 1160.
- ^120 total credits are required for a degree, with a minimum of 18 upper level (3000-4000) credits in the major and 27 upper level credits throughout the degree. Selecting 3000-4000 level electives can help you reach these minimums.

Credits 13
Total Credits 120-123

sequence of courses based on course availability. Please consult an advisor in your major program for further guidance.

This plan is not a contract and curriculum is subject to change

Additional Information About this Plan:

University Degree Requirements: The minimum number of hours for a UNO undergraduate degree is 120 credit hours. Please review the requirements for your specific program to determine all requirements for the program. In order to graduate on-time (four years for an undergraduate degree), you need to take 30 hours each year.

Placement Exams: For Math, English, Foreign Language, a placement exam may be required. More information on these exams can be found at https://www.unomaha.edu/enrollment-management/testing-center/placement-exams/information.php

**Transfer credit or placement exam scores may change suggested plan of study