

Student's name: _____ EWU ID: _____

College of Science, Technology, Engineering, and Mathematics

SOAR Department: Geology | SOAR Major: GEOL BS

Major Declaration Form: Geology, BS-GEOL

Math proficiency needed: MATH 161 or 380

Bachelor of Science in Geology
2017-2018 Catalog Year

First year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> MATH 161 CALCULUS I (5 cr.) Prerequisites: MATH 142 and ENGL 100.	Satisfies Math Reasoning Proficiency	F16, W17, Sp17, Su17
<input type="checkbox"/> ENGL 101 COLL COMP: EXPOSITN & ARGUMNT (5 cr.) Prerequisite: ENGL 100, Writing Placement Test or General Advising.	Satisfies Writing Competency	F16, W17, Sp17, Su17
<input type="checkbox"/> CPLA 100 & 101 COMPUTER APPLICATIONS LITERACY (1 cr.)	Satisfies Computer Literacy Proficiency	Every F, W, Sp, Su
<input type="checkbox"/> CHEM 151 GENERAL CHEMISTRY (5 cr.) Prerequisites: ≥2.0 in MATH 141 or concurrent enrollment; ≥2.0 in CHEM 100 or ≥2.0 in CHEM 161 or one year of high school chemistry.	Satisfies Natural Science-Chemistry	F16, W17, Sp17
<input type="checkbox"/> ENGL 201 COLL COMP: ANALYSIS/RES/DOCMNT (5 cr.) Prerequisite: ENGL 101, Writing Placement Test or general advising.	Satisfies Writing Proficiency	F16, W17, Sp17, Su17
<input type="checkbox"/> CHEM 152 GENERAL CHEMISTRY (5 cr.) Prerequisites: CHEM 151; ≥2.0 in MATH 141.	Satisfies Natural Science-Chemistry	F16, W17, Sp17, Su17
<input type="checkbox"/> MATH 162 (5 cr.)* or MATH 380 (5 cr.)*		
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> CHEM 153 GENERAL CHEMISTRY (5 cr.) Prerequisites: CHEM 152.		F16, W17, Sp17, Su17

I have discussed this academic plan with the student listed above. Advisor name: _____ Advisor signature: _____

* Prerequisites, corequisites, or other conditions must be met before enrolling in this course. See the catalog for details.
Consult your academic advisor when choosing your electives. Your choices may affect your time to graduation.
To follow this MAP, you should place into MATH 161 or 380. If you place lower, your custom MAP may change.
This list of courses is for information purposes only. All students are required to follow the catalog requirements for the year they declared a major.

Second year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> GEOL 120 PHYS GEOL - THE SOLID EARTH (5 cr.) Prerequisites: MTHD 104 or equivalent and restricted to the following: Computer Science (BS only), Earth and Space Science, Environmental Science or Geology or by permission of the instructor.	Satisfies Natural Science-Geology	F16, W17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (1 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> BIOL or PHYS sequence (see catalog) (5 cr.)		
<input type="checkbox"/> MATH 162 (5 cr.)* or MATH 380 (5 cr.)*		
<input type="checkbox"/> GEOL 121 PHYS GEOL - SURFICIAL PROCESS (5 cr.) Prerequisites: computer literacy, MTHD 104 or equivalent and restricted to the following: Computer Science (BS only), Earth and Space Science, Environmental Science or Geology or by permission of the instructor.	Satisfies Natural Science-Geology	W17, Sp17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> BIOL or PHYS sequence (see catalog) (5 cr.)		
<input type="checkbox"/> GEOL 122 HISTORICAL GEOLOGY (5 cr.) Prerequisite: GEOL 121.		W17, Sp17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> BIOL or PHYS sequence (see catalog) (5 cr.)		

I have discussed this academic plan with the student listed above. Advisor name: _____ Advisor signature: _____

* Prerequisites, corequisites, or other conditions must be met before enrolling in this course. See the catalog for details. Consult your academic advisor when choosing your electives. Your choices may affect your time to graduation. To follow this MAP, you should place into MATH 161 or 380. If you place lower, your custom MAP may change. This list of courses is for information purposes only. All students are required to follow the catalog requirements for the year they declared a major.

Third year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> GEOL 311 EARTH MATERIALS (4 cr.) <i>Prerequisites: GEOL 120 and CHEM 151.</i>		F16
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> CULTURAL & GENDER DIVERSITY (ANY ONE) (5 cr.)	Satisfies Cultural & Gender Diversity	Every F, W, Sp, Su
<input type="checkbox"/> GEOL 312 CRYST AND OPT MIN (4 cr.) <i>Prerequisite: GEOL 311.</i>		W17
<input type="checkbox"/> GEOG 323 GIS FOR ENVIRONMENTAL SCIENCES (3 cr.) <i>Prerequisite: CPLA 101 or CPLA 120.</i>		W17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> GEOL upper-level elective (4 cr.) (see catalog)		
<input type="checkbox"/> INTERNATIONAL STUDIES (ANY ONE) (5 cr.)	Satisfies International Studies	Every F, W, Sp, Su
<input type="checkbox"/> GEOL 313 IGNEOUS & METAMORPHIC PETROL (4 cr.) <i>Prerequisites: GEOL 311 and GEOL 312.</i>		Sp17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (4 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> GEOL upper-level elective (4 cr.) (see catalog)		

I have discussed this academic plan with the student listed above. Advisor name: _____ Advisor signature: _____

* Prerequisites, corequisites, or other conditions must be met before enrolling in this course. See the catalog for details.
 Consult your academic advisor when choosing your electives. Your choices may affect your time to graduation.
 To follow this MAP, you should place into MATH 161 or 380. If you place lower, your custom MAP may change.
 This list of courses is for information purposes only. All students are required to follow the catalog requirements for the year they declared a major.

Fourth year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> GEOL 411 SEDIMENTOLOGY AND STRATIGRAPHY (4 cr.) <i>Prerequisite: GEOL 122 and GEOL 311.</i>		F16
<input type="checkbox"/> GEOL 408 INVERTEBRATE PALEONTOLOGY (4 cr.) <i>Prerequisites: GEOL 121, GEOL 122 or permission of the instructor.</i>		W17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (1 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> GEOL upper-level elective (5 cr.) (see catalog)		
<input type="checkbox"/> GEOL 431 STRUCTURAL GEOLOGY II (4 cr.) <i>Prerequisite: GEOL 430.</i>		Sp17
<input type="checkbox"/> GEOL 430 STRUCTURAL GEOLOGY I (4 cr.) <i>Prerequisite: GEOL 411.</i>		W17
<input type="checkbox"/> GEOL upper-level elective (4 cr.) (see catalog)		
<input type="checkbox"/> GEOL 490 SENIOR CAPSTONE:FIELD CAMP (10 cr.) <i>Prerequisite: junior or senior standing and permission of the instructor.</i>	Satisfies Senior Capstone	Su17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su

I have discussed this academic plan with the student listed above. Advisor name: _____ Advisor signature: _____

* Prerequisites, corequisites, or other conditions must be met before enrolling in this course. See the catalog for details. Consult your academic advisor when choosing your electives. Your choices may affect your time to graduation. To follow this MAP, you should place into MATH 161 or 380. If you place lower, your custom MAP may change. This list of courses is for information purposes only. All students are required to follow the catalog requirements for the year they declared a major.