

Student's name: \_\_\_\_\_ EWU ID: \_\_\_\_\_

College of Science, Technology, Engineering, and Mathematics

SOAR Department: Envi Sci | SOAR Major: ENSC ENGY

Bachelor of Science in Environmental Science  
Environmental Geology option  
2017-2018 Catalog Year

Major Declaration Form: Environmental Science - Environmental Geology, BS-ENVS, ENGY

Math proficiency needed: MATH 142

First year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> MATH 142 PRECALCULUS MATH II (5 cr.) Prerequisite: MATH 141 or equivalent.	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"/> 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"/> 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"/> 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"/> ECON 100 GENERAL EDUCATION ECONOMICS (5 cr.)	Satisfies Social Sci - Economics & Govt.	F16, W17, Sp17, Su17
<input type="checkbox"/> ENVS 100 INTRO TO ENVIRONMENTAL SCIENCE (5 cr.) Prerequisites: MTHD 104.	Satisfies Natural Science-Environ Sci.	F16, Sp17, Su17
<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 153 GENERAL CHEMISTRY (5 cr.) Prerequisites: CHEM 152.		F16, W17, Sp17, Su17

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Advisor signature: \_\_\_\_\_

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Consult your academic advisor when choosing your electives. Your choices may affect your time to graduation.

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Second year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> CPLA 120 COMPUTER APPLICATIONS LITERACY (5 cr.)	Satisfies Computer Literacy Proficiency	F16, W17, Sp17, Su17
<input type="checkbox"/> BIOL 171 BIOLOGY I (5 cr.) <i>Prerequisites: Concurrent enrollment in MATH 141 or completion of MATH 141 with <math>\geq 2.0</math>; Students must receive <math>\geq 1.7</math> to enroll in BIOL 172 and <math>\geq 2.0</math> to enroll in BIOL 270.</i>	Satisfies Natural Science-Biology	F16, Sp17
<input type="checkbox"/> GEOG 323 GIS FOR ENVIRONMENTAL SCIENCES (3 cr.) <i>Prerequisite: CPLA 101 or CPLA 120.</i>		W17
<input type="checkbox"/> CULTURAL & GENDER DIVERSITY (UPPER-LEVEL) (5 cr.)	Satisfies Cultural & Gender Diversity	Every F, W, Sp, Su
<input type="checkbox"/> BIOL 270 BIOLOGICAL INVESTIGATION (3 cr.) <i>Prerequisite: <math>\geq 2.0</math> in BIOL 171 or BIOL 172.</i>	Satisfies Natural Science-Biology	F16, W17, Sp17, Su17
<input type="checkbox"/> BIOL 172 BIOLOGY II (5 cr.) <i>Prerequisite: <math>\geq 1.7</math> in BIOL 171 and <math>\geq 2.0</math> in MATH 141.</i>	Satisfies Natural Science-Biology	F16, W17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> BIOL 173 BIOLOGY III (5 cr.) <i>Prerequisite: <math>\geq 1.7</math> in BIOL 171 and <math>\geq 2.0</math> in BIOL 172.</i>	Satisfies Natural Science-Biology	W17, Sp17
<input type="checkbox"/> DSCI 245 (4 cr.)* or MATH 380 (5 cr.)* or BIOL 380 (5 cr.)*		

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Third year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> GEOL 121 PHYS GEOL - SURFICIAL PROCESS (5 cr.) <i>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.</i>	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"/> ENVS 300 ENVS SCIENCE JUNIOR SEM (1 cr.) <i>Prerequisite: ENVS 100 and admission to the Environmental Science program.</i>		F16
<input type="checkbox"/> BIOL 440 ECOLOGY (4 cr.) <i>Prerequisites: ≥1.7 in BIOL 171, ≥2.0 in BIOL 172, BIOL 173, BIOL 270; MATH 161 or MATH 380 or BIOL 380; or permission of instructor.</i>		F16, Sp17
<input type="checkbox"/> GEOL 121 PHYS GEOL - SURFICIAL PROCESS (5 cr.) <i>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.</i>	Satisfies Natural Science-Geology	W17, Sp17
<input type="checkbox"/> DSCI 346 (4 cr.)* or MATH 161 (5 cr.)* or BIOL 380 (5 cr.)*		
<input type="checkbox"/> GEOL 320 (4 cr.)* or 380 (5 cr.)		
<input type="checkbox"/> PLAN 431 ENVIRON IMPACT STATEMENTS (3 cr.)		F16
<input type="checkbox"/> GEOL 470 HYDROGEOLOGY (4 cr.) <i>Prerequisites: GEOL 120 or GEOL 121, MATH 142, or permission of the instructor.</i>		Sp17
<input type="checkbox"/> GEOL 311 EARTH MATERIALS (4 cr.) <i>Prerequisites: GEOL 120 and CHEM 151.</i>		F16
<input type="checkbox"/> GEOL 122 HISTORICAL GEOLOGY (5 cr.) <i>Prerequisite: GEOL 121.</i>		W17, Sp17

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Fourth year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> GEOL 475 ENGINEERING GEOLOGY OF SOILS (4 cr.) Prerequisites: GEOL 313, GEOL 320, GEOL 411 or GEOL 470 or permission of the instructor.		F16
<input type="checkbox"/> GEOL 360 GEOLOGIC HAZARDS (4 cr.) Prerequisite: GEOL 100, GEOL 115, GEOL 120, GEOL 121 or GEOG 100 or GEOG 115.		F16
<input type="checkbox"/> ENVS 400 ENVS SENIOR SEMINAR (1 cr.) Prerequisite: ENVS 300 and junior or senior standing.		W17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> GEOL 411 SEDIMENTOLOGY AND STRATIGRAPHY (4 cr.) Prerequisite: GEOL 122 and GEOL 311.		F16
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (3 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> GEOL elective (4 cr.)		
<input type="checkbox"/> GEOL 490A (4 cr.)* or GEOL 490B (5 cr.)* or ENVS 490 (5 cr.)*		
<input type="checkbox"/> INTERNATIONAL STUDIES (UPPER-LEVEL) (5 cr.)	Satisfies International Studies	Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (3 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> GEOL 462 (5 cr.)* or 466 (4 cr.)*		

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