

Student's name: _____ EWU ID: _____

College of Science, Technology, Engineering, and Mathematics

SOAR Department: Envi Sci | SOAR Major: ENSC ENCM

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

Major Declaration Form: Environmental Science - Environmental Chemistry, BS-ENVS, ENCM

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"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<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/DOCMT (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

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 142. 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"/> CPLA 120 COMPUTER APPLICATIONS LITERACY (5 cr.)	Satisfies Computer Literacy Proficiency	F16, W17, Sp17, Su17
<input type="checkbox"/> BIOL 172 BIOLOGY II (5 cr.) Prerequisite: ≥ 1.7 in BIOL 171 and ≥ 2.0 in MATH 141.	Satisfies Natural Science-Biology	F16, W17
<input type="checkbox"/> BIOL 171 BIOLOGY I (5 cr.) Prerequisites: Concurrent enrollment in MATH 141 or completion of MATH 141 with ≥ 2.0 ; Students must receive ≥ 1.7 to enroll in BIOL 172 and ≥ 2.0 to enroll in BIOL 270.	Satisfies Natural Science-Biology	F16, Sp17
<input type="checkbox"/> GEOG 323 GIS FOR ENVIRONMENTAL SCIENCES (3 cr.) Prerequisite: CPLA 101 or CPLA 120.		W17
<input type="checkbox"/> CULTURAL & GENDER DIVERSITY (ANY ONE) (5 cr.)	Satisfies Cultural & Gender Diversity	Every F, W, Sp, Su
<input type="checkbox"/> BIOL 270 BIOLOGICAL INVESTIGATION (3 cr.) Prerequisite: ≥ 2.0 in BIOL 171 or BIOL 172.	Satisfies Natural Science-Biology	F16, W17, Sp17, Su17
<input type="checkbox"/> BIOL 173 BIOLOGY III (5 cr.) Prerequisite: ≥ 1.7 in BIOL 171 and ≥ 2.0 in BIOL 172.	Satisfies Natural Science-Biology	W17, Sp17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> DSCI 245 (4 cr.)* or MATH 380 (5 cr.)* or BIOL 380 (5 cr.)*		
<input type="checkbox"/> DSCI 346 (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"/> GEOL 120 PHYS GEOL - THE SOLID EARTH (5 cr.) <i>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.</i>	Satisfies Natural Science-Geology	F16, W17
<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"/> CHEM 319 MODERN INORGANIC CHEMISTRY (4 cr.) <i>Prerequisite: CHEM 153.</i>		W17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> CHEM 351 ORGANIC CHEMISTRY (4 cr.) <i>Prerequisite: CHEM 153.</i>		F16, W17
<input type="checkbox"/> GEOL 320 (4 cr.)* or 380 (5 cr.)		
<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"/> CHEM 372 ORGANIC CHEM LAB I (3 cr.) <i>Prerequisite: CHEM 351.</i>		W17, Sp17
<input type="checkbox"/> CHEM 352 ORGANIC CHEMISTRY (4 cr.) <i>Prerequisite: CHEM 351.</i>		W17, Sp17
<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

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Fourth year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> PLAN 431 ENVIRON IMPACT STATEMENTS (3 cr.)		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"/> [CHEM 353 (3 cr.)* & 373 (3 cr.)*] or CHEM 480 (5 cr.)*		
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> CHEM 491 SENIOR THESIS (5 cr.) Prerequisite: senior standing.	Satisfies Senior Capstone	F16, W17, Sp17, Su17
<input type="checkbox"/> CHEM 304 QUANTITATIVE ANALYSIS (6 cr.) Prerequisite: CHEM 153.		F16, W17
<input type="checkbox"/> INTERNATIONAL STUDIES (ANY ONE) (5 cr.)	Satisfies International Studies	Every F, W, Sp, Su
<input type="checkbox"/> ANY UPPER-LEVEL ELECTIVE TO REACH 60 UL CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su

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