

Student's name: _____ EWU ID: _____

College of Science, Technology, Engineering, and Mathematics

SOAR Department: Math | SOAR Major: MATH ELMI

Bachelor of Arts in Education in Mathematics
Elementary & Middle Level Education
2017-2018 Catalog Year

Major Declaration Form: Mathematics Education - Elementary/Middle Level, BAE-MATH, ELMI

Math proficiency needed: MATH 211 and 212

First year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> MATH 114 ALGEBRA CONCEPTS (5 cr.) Prerequisites: grade ≥ 2.0 or better in MTHD 104, or a satisfactory score on the mathematics placement test (MPT).	Satisfies Math Pre-University	F16, W17, Sp17, Su17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<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"/> MATH 211 STRUCTURE OF ELEMENTARY MATH I (5 cr.) Prerequisites: MATH 114 or equivalent course, or a 3.0 or better in MTHD 104, or a satisfactory score on the mathematics placement test (MPT); ENGL 100 or placement into or above ENGL 101 on the EWU Writing Test.	Satisfies Math Reasoning Proficiency	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"/> 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"/> MATH 212 STRUCTURE OF ELEM MATH II (5 cr.) Prerequisite: MATH 211.	Satisfies Math Reasoning Proficiency	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"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> CPLA 100 & 101 COMPUTER APPLICATIONS LITERACY (1 cr.)	Satisfies Computer Literacy Proficiency	Every F, W, Sp, Su

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

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Second year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> MATH 413 DATA ANALYSIS AND PROBABILITY (3 cr.) Prerequisites: MATH 212 and MATH 311; MTED 412 or concurrent enrollment.		F16
<input type="checkbox"/> MATH 311 FUNCTIONS & RELATIONS K-8 TCHR (5 cr.) Prerequisites: MATH 114 or equivalent or satisfactory score on MPT; MATH 211 and MATH 212; CPLA 100 and CPLA 101 or equivalent.		F16
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> EDUC 201 INTRO TO EDUCATION (3 cr.)		F16, W17, Sp17, Su17
<input type="checkbox"/> PSYC 304 EDUCATIONAL PSYCHOLOGY (5 cr.) Prerequisites: PSYC 201 recommended.		F16, W17, Sp17, Su17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> CMST 200 (4 cr.) or CMST 201 (5 cr.) or an approved equivalent		
<input type="checkbox"/> SPED 363 INTRO TO SPECIAL EDUCATION (4 cr.)		F16, W17, Sp17
<input type="checkbox"/> MATH 416 CALCULUS FOR MID-LEVEL TEACHER (4 cr.) Prerequisites: MATH 141 or MATH 311.		Sp17
<input type="checkbox"/> CULTURAL & GENDER DIVERSITY (ANY ONE) (5 cr.)	Satisfies Cultural & Gender Diversity	Every F, W, Sp, Su

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Third year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> MATH 312 GEOMETRY FOR THE K-8 TEACHER (5 cr.) Prerequisite: MATH 212.		F16
<input type="checkbox"/> EDUC 308 FOUNDATION ELEM CLASSROOM MGMT (3 cr.) Prerequisites: ENGL 201; MATH 211, CMST 200 or proof of equivalence; passing the Washington Education Skill Test-Basic (WEST-B); ≥2.8 GPA. Co-requisites: EDUC 200 and EDUC 303.	Concurrent with EDUC 200 and 303	F16, W17, Sp17, Su17
<input type="checkbox"/> EDUC 303 FOUNDATIONS OF ASSESSMENT (3 cr.) Prerequisites: ENGL 201; MATH 211 or MATH 107; CMST 200 or proof of equivalence; passing the Washington Education Skill Test-Basic (WEST-B); ≥2.8 GPA. Co-requisites: EDUC 200 and either EDUC 308 or EDUC 309.	Concurrent with EDUC 200 and 308	F16, W17, Sp17, Su17
<input type="checkbox"/> EDUC 200 ADMISSION TO TEACHER EDUCATION (1 cr.) Prerequisites: A grade ≥2.8 in each of these courses ENGL 201; MATH 211 or MATH 107; CMST 200 or proof of equivalence; passing the Washington Education Skill Test-Basic (WEST-B) or satisfactory minimum SAT or ACT scores; a minimum cumulative GPA ≥2.8	Concurrent with EDUC 303 and 308	F16, W17, Sp17, Su17
<input type="checkbox"/> ART 390 ART IN THE ELEMENTARY SCHOOL (3 cr.) Prerequisite: junior standing.		F16, W17, Sp17, Su17
<input type="checkbox"/> MUSC 450 INTEGRATING MUSIC IN CLASSROOM (3 cr.) Prerequisites: EDUC 303.		F16, W17, Sp17, Su17
<input type="checkbox"/> MATH 411 DISCRETE MATHEMATICS K-8 TCHR (4 cr.) Prerequisite: MATH 161 or MATH 311.		W17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	Every F, W, Sp, Su
<input type="checkbox"/> EDUC 417 CULTURE OF MIDDLE SCHOOL (3 cr.) Prerequisites: EDUC 200; EDUC 303; EDUC 308 or EDUC 309.		W17, Su17
<input type="checkbox"/> EDUC 304 INTRO TO ELEMENTARY READING (3 cr.) Prerequisites: successful completion of EDUC 200, EDUC 303 and EDUC 308 or may be taken concurrently.		F16, W17, Sp17, Su17
<input type="checkbox"/> PHED 390 HEALTH & PE IN ELEM SCHOOL (3 cr.) Prerequisites: junior standing and a minimum GPA ≥2.0.		F16, W17, Sp17, Su17

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MATH 420 PROB SOLVING FOR K-8 TEACHER (4 cr.) Sp17
Prerequisite: MTED 390 (or math teaching experience) and MATH 311 or equivalent course approved by the department and CPLA 100 and CPLA 101 or the equivalent.

INTERNATIONAL STUDIES (ANY ONE) (5 cr.) Satisfies International Studies Every F, W, Sp, Su

EDUC 310 LTCY METHOD MGMT ASSESS ELEM (4 cr.) F16, W17, Sp17
Prerequisites: EDUC 304 or EDUC 479.

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Fourth year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> EDUC 342 ELEMENTARY SCHOOL SCI METHODS (4 cr.) Prerequisites: EDUC 310; concurrent enrollment in EDUC 338 and EDUC 340.		F16, W17, Sp17
<input type="checkbox"/> EDUC 340 ELEMENTARY SCHOOL SS METHODS (4 cr.) Prerequisites: EDUC 310; concurrent enrollment in EDUC 338 and EDUC 342.		F16, W17, Sp17
<input type="checkbox"/> EDUC 338 LA METHODS/MGMT/ASSESS ELEM (4 cr.) Prerequisites: EDUC 310; concurrent enrollment in EDUC 340 and EDUC 342.	Concurrent with EDUC 339	F16, W17, Sp17
<input type="checkbox"/> MTED 390 (5 cr.) or EDUC 344 (5 cr.)		
<input type="checkbox"/> MTED 490A SENIOR CAPSTONE (5 cr.) Prerequisites: MTED 390 and MTED 412 and senior standing.	Satisfies Senior Capstone	F16, W17, Sp17
<input type="checkbox"/> MTED 412 ADV METH TEACH K-8 SCH MATH (5 cr.) Prerequisites: MTED 390 and MATH 311 or MTED 493 or approval of the instructor; and CPLA 100 and CPLA 101 or the equivalent.		W17
<input type="checkbox"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> EDUC 420 ADM TO PROFESSIONAL CANDIDACY (1 cr.) Prerequisites: P-3: concurrent with EDUC 439 and EDUC 495, Elementary: EDUC 338. Secondary: EDUC 341.		F16, W17, Sp17
<input type="checkbox"/> EDUC 423 ELEM STUDENT TEACHING K-8 (15 cr.) Prerequisite: EDUC 420.		F16, W17, Sp17

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