

Student's name: _____ EWU ID: _____

College of Science, Technology, Engineering, and Mathematics

SOAR Department: Math | SOAR Major: MATH SECD

Bachelor of Arts in Education in Mathematics
Secondary Education
2017-2018 Catalog Year

Major Declaration Form: Mathematics Education - Secondary, BAE-MATH, SECD

Math proficiency needed: MATH 161

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"/> 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 162 CALCULUS II (5 cr.) Prerequisite: MATH 161.		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 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 163 CALCULUS III (5 cr.) Prerequisite: MATH 162.		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"/> 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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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"/> MATH 225 FOUNDATIONS OF MATHEMATICS (5 cr.) Prerequisite: MATH 161.		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"/> ANY ELECTIVE TO REACH 180 CREDITS (5 cr.)		Every F, W, Sp, Su
<input type="checkbox"/> EDUC 201 INTRO TO EDUCATION (3 cr.)		F16, W17, Sp17, Su17
<input type="checkbox"/> MATH 231 LINEAR ALGEBRA (5 cr.) Prerequisite: MATH 142.		F16, W17, Sp17, Su17
<input type="checkbox"/> CULTURAL & GENDER DIVERSITY (ANY ONE) (5 cr.)	Satisfies Cultural & Gender Diversity	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 492 PROBLEM SOLVING SEMINAR (5 cr.) Prerequisites: MATH 225 or permission of the instructor; MATH 380 or MATH 385.		Sp17
<input type="checkbox"/> MATH 241 CALCULUS IV (5 cr.) Prerequisite: MATH 163.		F16, W17, Sp17, Su17

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Third year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> PSYC 304 EDUCATIONAL PSYCHOLOGY (5 cr.) Prerequisites: PSYC 201 recommended.		F16, W17, Sp17, Su17
<input type="checkbox"/> MATH 432 RINGS AND POLYNOMIALS (5 cr.) Prerequisites: MATH 225 and MATH 231.		F16
<input type="checkbox"/> EDUC 309 FOUNDATIONS SEC CLASSROOM MGMT (3 cr.) Prerequisites: ENGL 201; MATH 107 or MATH 211, CMST 200 or proof of equivalence; passing the Washington Education Skill Test-Basic (WEST-B); ≥ 2.8 GPA in the last 45 credits completed. 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 309	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 309	F16, W17, Sp17, Su17
<input type="checkbox"/> MTED 392 SECONDARY MATH METHODS I (3 cr.) Prerequisite: EDUC 200, MATH 225.		W17
<input type="checkbox"/> MATH 460 CONTINUOUS FUNCTIONS (5 cr.) Prerequisites: MATH 163 and MATH 225.		W17
<input type="checkbox"/> MATH 370 SURVEY OF GEOMETRIES (5 cr.) Prerequisite: CPLA 100 and CPLA 101 or equivalent; and MATH 225.		W17
<input type="checkbox"/> MTED 393 SECONDARY MATH METHODS II (3 cr.) Prerequisites: MTED 392 and concurrent enrollment in EDUC 413.		Sp17
<input type="checkbox"/> INTERNATIONAL STUDIES (ANY ONE) (5 cr.)	Satisfies International Studies	Every F, W, Sp, Su
<input type="checkbox"/> EDUC 413 MGT/ASSESS CONTENT LTCY SEC (4 cr.) Prerequisites: EDUC 200, EDUC 303 and EDUC 309.		F16, W17, Sp17, Su17

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MATH elective (see catalog) (5 cr.)*

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Fourth year courses and prerequisites	Notes	Previously offered **
<input type="checkbox"/> MTED 493 SECONDARY MATH METHODS III (3 cr.) Prerequisites: MTED 393, MATH 370 and MATH 380 or MATH 385. Concurrent: EDUC 341.		F16
<input type="checkbox"/> MATH 385 PROBABILITY AND STATISTICS I (5 cr.) Prerequisites: MATH 163 and MATH 225 or permission of the instructor.		F16
<input type="checkbox"/> EDUC 341 SEC STRATEGIES, MGMT, ASSESSMT (4 cr.) Prerequisites: EDUC 413.		F16, W17, Sp17
<input type="checkbox"/> MTED 490B SENIOR CAPSTONE (5 cr.) Prerequisites: MTED 393 and senior standng.	Satisfies Senior Capstone	F16, W17
<input type="checkbox"/> MATH 387 REGRESSION CONCEPTS (3 cr.) Prerequisites: MATH 385.		W17
<input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)	Satisfies General Education Core Requirement	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 426 SEC STUDENT TEACHING 7-12 (15 cr.) Prerequisite: EDUC 420.		F16, W17, Sp17

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