

Effective for  
Fall 2024  
Updated  
8/2/2024

**School of Education and Human Services (SOEHS)**  
**Bachelor of Science in Education (BSE)**  
*Middle and High School Math Teacher Education Grades 4 to 12*



Name:

Student ID:

Date:

The following **bolded** courses are required for admission to the Teacher Education Program:

**Quest 1-** 1st Semester

**COMM 111: Intro to Public Speaking (C or higher)**  
**WRT 188 (or ENG 101/WRT 110) (B or higher)**

**Quest 2-** 2nd Semester

**Mathematics \_\_\_\_\_ (C or higher)**  
per placement, may require developmental math first  
\*Explore math requirements will be met within major courses

**Quest 3-** 3rd or 4th Semester

**The remaining courses fulfill University Studies Program (USP) requirements**

**Culture (XC) 9 credits from at least 2 different departments**  
(XC) Course \_\_\_\_\_  
(XC) Course \_\_\_\_\_  
(XC) Course \_\_\_\_\_

**Lab Science (XL) 8 credits**  
(XL) Lab Course \_\_\_\_\_  
(XL) Lab Course \_\_\_\_\_

**Society (XS) 9 credits**  
EDU 235: Child and Adolescent Dev(Previously Elem/Sec Ed 235) OR Psych 391 (Not USP)  
EDU 110: Education Policy: Truth and Myths (Previously Elem/Sec Ed 110)  
One additional (XS) Course \_\_\_\_\_  
\*Elem Ed/Sec Ed 201 CAPP Course fulfills the Major requirement for EDU 110 but is not an (XS) Society Course.

**Global Citizenship (GC)**  
Course \_\_\_\_\_  
May double count with (XC) or (XS) course

**Ethnic Studies (ES)**  
This will be met with Human Relation Hours in other education courses- no other course needed

**Advanced Writing (XK)**  
Course \_\_\_\_\_  
WRT 288 (after Quest 3) WRT 287 (45 cr earned; Quest 3 not required) or WRT 310 (Honors)

**SECONDARY EDUCATION CORE COURSE**  
Special Ed 252/352 Children with Disabilities in General Education 3 credits

**BACHELOR OF SCIENCE IN EDUCATION (BSE)**  
Middle and High School Math Teacher Education

Core Education Courses, Methods and Clinicals <b>Completed After Admission</b>				
Sem	Course Number	Course Name	Prerequisites/Notes	Credits
	ED LDRSHP 406	Foundations of Multicultural Education	75 Credits	3
	ED LDRSHP 408	Foundations of American Education	75 Credits	3
	LIT & LANG 435	Adolescent Literacy Methods	FALL ONLY	4
	EDU 344	Secondary Methods & Management for Diverse Classrooms	FALL ONLY; Concurrent w/ LIT & LANG 435 Prereq: EDU(Sec Ed) 110 or Sec Ed 201	3
	EDU 345	Clinical 1	FALL ONLY; Concurrent w/ EDU 344	1
	EDU 342	Methods of Teaching Mathematics	SPRING ONLY; Concurrent with EDU 359 Clinical	3
	EDU 359	Clinical (Spring only; concurrent W/ Sec Ed 342)	Students must plan for a two-hour block of time each day. The clinical experience is a school-based field experience that meets the same class period each day.	3
	EDU 432	Middle School Education	EDU (Elem/Sec Ed) 235	3

**Content Assessment must be completed to be eligible for student teaching.**

**A 3.0 overall and in content areas or Praxis II content exam or Praxis II Content/portfolio required for licensure.**

**See Advisement Report on TitanWeb for details. Contact your advisor with questions.**

Student Teaching- Attend Student Teaching meeting <u>two</u> semesters <u>before</u> Student Teaching to obtain application and information				
Deadline to apply:		Spring Semester is May 1		Fall placement is Dec 1
SEM	Course Number	Course Name	Prerequisites/Notes	Credits
	2 Placements (1 semester)	See Advisement Report	All coursework must be completed <u>prior</u> to student teaching	10
	Seminar	See Advisement Report	All coursework must be completed <u>prior</u> to student teaching	2

**CONTACT INFORMATION for College of Education and Human Services**

Teacher Education Program application	(920) 424-0115	soehsugrad@uwosh.edu
Student Teaching	(920) 424-0465	studentteaching@uwosh.edu

**BACHELOR OF SCIENCE IN EDUCATION (BSE)**  
Middle and High School Math Teacher Education

Specific and individual course planning for Math Teacher Education major should be done with a Math faculty advisor each semester. Please check with the math education instructors to verify course offerings.

Math Major: Teaching			
Course Number	Course Name	Prerequisites/Notes	Credits
Math 110	Number Systems for Teaching	C or better in Math 103 or Placement	4
Math 171	Calculus I	Math 108 or 104 & 106 or 106 with placement out of 104 w/C or better	5
Math 172	Calculus II	C or better in Math 171	4
Math 211	Geometry and Measurement for Teaching	C or better in Math 110	2
Math 213	Transformation, Probability, and Data for Teaching	C or better in Math 211	2
Math 222	Introduction to Abstract Math	C or better in Math 172	3
Math 256	Introduction to Linear Math	C or better in Math 171	3
Math 317	Probability and Statistics for Teaching	C or better in Math 211 and Math 213. Fall Only	4
Math 413	Modern Algebra for Teaching	C or better in Math 211 and Math 213. Spring Only	4
Math 415	Geometries for Teaching	C or better in Math 211 and Math 213. Fall Only	4
<b>Choose One From Section Below</b>			
Math 346	Linear Algebra	C or better in Math 222 and Math 256. Fall Rotation	3
Math 347	Introduction to Abstract Algebra	C or better in Math 222. Fall Rotation	3
Math 349	Introduction to Number Theory	C or better in Math 222, Fall Rotation	3
Math 467	Introduction to Real Analysis <i>Recommended option</i>	C or better in Math 222 and Math 256, Spring Even Years	3
Math 480	Introduction to Topology	C or better in Math 222 and Math 273, Spring Odd Years	3
Math 331 and Math 334	Fundamentals of Geometry and Hyperbolic Geometry	C or better in Math 222, neither currently offered	2+2
<b>Choose One From Section Below</b>			
Math 490	Senior Seminar for Math Teaching	30 Credits Towards Major. Spring Only	3
Math 430	International Comparative Mathematics Education (Study Abroad)	Spring Odd Years	3
<b>Total Credits = 41</b>			



# Sample Math Education Academic Plan

## FIRST YEAR

### FALL SEMESTER (16 CREDITS)

QUEST I	Ed. Policy: Truths/Myths (XS)	3 cr
COMM 111	Intro to Public Speaking	3 cr
MATH 171	Calculus I (XM)	5 cr
Lab Science	Explore Course (XL)	4 cr
ACAD 125	Learning Strategies	1 cr

### SPRING SEMESTER (17 CREDITS)

QUEST II	Explore Course (XC)	3 cr
WRT 188	First-Year College Writing	3 cr
MATH 110	Number Sys. for Teach. (XM)	4 cr
MATH 172	Calculus II (XM)	4 cr
EDU 235	Child and Ad. Dev. (XS)	3 cr

## SECOND YEAR

### FALL SEMESTER (14 CREDITS)

QUEST III	Explore Course (XL)	3 cr
MATH 211	Geo & Meas. for Teach (XM)	2 cr
MATH 213	Transform., Prob., & Data	2 cr
MATH 256	Intro to Linear Math	3 cr
Society	Explore Course (XS)	3 cr
ACAD 169	College Reading Strategies	1 cr

### SPRING SEMESTER (16 CREDITS)

MATH 222	Intro to Abstract Math (XM)	3 cr
MATH 413	Modern Alg. for Teaching	4 cr
Culture	Explore Course (XC)	3 cr
WRT 288	Advanced Writing (XK)	3 cr
SPEC ED 352	Stud. w/ Dis. in Gen. Ed.	3 cr

## THIRD YEAR

### FALL SEMESTER (16 CREDITS)

MATH 317	Prob. and Stats. for Teach.	4 cr
MATH 415	Geometries for Teach.	4 cr
LIT 435	Adolescent Lit Methods	4 cr
EDU 344	Secondary Methods	3 cr
EDU 345	Clinical 1	1 cr

### SPRING SEMESTER (15 CREDITS)

MATH 490	Senior Seminar for Math	3 cr
MATH 467	Intro to Real Analysis	3 cr
EDU 342	Methods of Teaching Math	3 cr
EDU 359	Clinical in Teaching Math	3 cr
EDU 432	Middle School Education	3 cr

## FOURTH YEAR

### FALL SEMESTER (15 CREDITS)

ED LDP 325	Instruct Technology	3 cr
ED LDP 406	Found of Multi. Ed.	3 cr
ED LDP 408	Found of Am. Ed	3 cr
Culture	Explore Course (XC)	3 cr
Elective	Elective for Credits	3 cr

### SPRING SEMESTER (STUDENT TEACHING)

EDU 400	Student Teaching	12 cr
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Explore courses are general education requirements (USP). They include 2 Lab Sciences (XL), 3 Culture (XC), 3 Society (XS), 1 Ethnic Studies (ES) and 1 Global Citizenship (GC)

**IMPORTANT:** Please note that this plan is based on students who place into college level math via the UW System Math Placement Test. Course selections will be different based on placement results. This is a sample schedule that is not intended to substitute for academic advising. For information about other options, students are strongly encouraged to consult with an academic advisor. This course plan assumes student meets all course prerequisites and program requirements to progress in the degree and major (ie: GPA, etc). **Students should regularly check their Advisement Report in TitanWeb for their official graduation requirements.**

