

College of Education and Human Services (COEHS)
Bachelor of Science in Education (BSE)
Middle and High School Math Teacher Education Grades 5 to 12



Name:

Student ID:

Date:

The following **bolded** courses are required for admission to the COEHS:

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
Elem Ed 235: Child and Adolescent Development OR Psych 391 (Not USP)
Elem Ed 110 Or Sec Ed 110: Education Policy: Truth and Myths
One additional (XS) Course _____
*Elem Ed/Sec Ed 201 CAPP Course fulfills the Major requirement for Elem Ed/Sec Ed 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
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 352 Children with Disabilities in General Education 3 credits
(2.75 combined GPA or admitted to COEHS)

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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. Some courses may be cancelled due to low enrollment.

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
Choose One From Section Below			
Math 346	Linear Algebra	C or better in Math 222 and Math 256. Fall Odd Years	3
Math 347	Introduction to Abstract Algebra	C or better in Math 222. Fall Even Years	3
Math 349	Introduction to Number Theory	C or better in Math 222, Fall Odd Years	3
Math 467	Introduction to Real Analysis	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
Choose One From Section Below			
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
Total			41

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Core Education Courses, Methods and Clinicals Completed After Admission				
Sem	Course Number	Course Name	Prerequisites/Notes	Credits
	ED LDRSHP 325	Instructional Technology	Admitted to COEHS	3
	ED LDRSHP 406	Foundations of Multicultural Education	75 Credits and Admitted to COEHS	3
	ED LDRSHP 408	Foundations of American Education	75 Credits and Admitted to COEHS	3
	LIT & LANG 435	Adolescent Literacy Methods	FALL ONLY	4
	SEC ED 344	Secondary Methods & Management for Diverse Classrooms	FALL ONLY; Concurrent w/ LIT & LANG 435	3
	SEC ED 342	Methods of Teaching Mathematics	SPRING ONLY; Concurrent with SEC ED 359 Clinical	3
	SEC ED 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
	SEC ED 432	Middle School Education	Ed Found 235	2

Student Teaching- Attend Student Teaching meeting <u>two</u> semesters <u>before</u> Student Teaching to obtain application and information Deadline to apply for Spring placement is May 1 and deadline to apply for Fall placement is December 1				
Semester	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

**Human Relation hours and Ethnic Studies (ES) requirements are met by completing diversity and disability hours*

CONTACT INFORMATION for College of Education and Human Services

COEHS application

(920) 424-0115

teachered@uwosh.edu

Student Teaching

(920) 424-0465

OFE-studentteaching@uwosh.edu