

## Bachelor of Science in Mathematics with Teacher Certification -- University of Science and Arts of Oklahoma

### Interdisciplinary Studies (IDS) (44 hours)

		Hours	Sem/Grade			Hours	Sem/Grade
IDS 1003	First Year Seminar	3	____/____	IDS 2013	Foundations of Physical Science	3	____/____
IDS 1133	The Individual in Contemporary Society	3	____/____	IDS 2023	Foundations of Life Science	3	____/____
IDS 1113	English Comp I: Intro to College Writing	3	____/____	IDS 2011	Foundations of Science Laboratory	1	____/____
IDS 1213	English Comp II: Writing about Literature	3	____/____	IDS 2133	American Civilization I	3	____/____
IDS 1223	Contemporary Math	3	____/____	IDS 2143	American Civilization II	3	____/____

### Artistic Expression -- 2 hours

_____	_____	____	____/____	IDS 3223	Political and Economic Systems & Theories	3	____/____
_____	_____	____	____/____	IDS 3313	World Thought and Culture I	3	____/____

### Physical Expression -- 2 hours

KINE 1011	Concepts of Health and Fitness	1	____/____	IDS 3323	World Thought and Culture II	3	____/____
_____	_____	1	____/____	IDS 4333	World Thought and Culture III	3	____/____

## Mathematics with Teacher Certification (70-79 hours)

**34 hours in Professional Education, 30-39 hours in Mathematics, 3 hours in Physics, 3 hours in Computer Science**

### Professional Education Courses (34 hours)

		Hours	Sem/Grade			Hours	Sem/Grade
EDUC 2002	Orientation to Teaching	2	____/____	MATH 1513	College Algebra	3	____/____
EDUC 2011	Level 1 Clinical Experiences	1	____/____	MATH 1613	Trigonometry	3	____/____
EDUC 2022	Education of the Exceptional Child	2	____/____	MATH 2203	Elementary Statistics	3	____/____
EDUC 2103	Human Development & Learning	3	____/____				
EDUC 3102	Educational Psychology	2	____/____				
EDUC 3203	School & Society	3	____/____				
EDUC 3211	Level 2 Clinical Experiences	1	____/____				
EDUC 3343	Educational Technology	3	____/____				
MATH 4463	Teaching Mathematics in the Secondary School	3	____/____				
*EDUC 4310	Student Teaching	10	____/____				
*EDUC 4542	Applied Professional Studies	2	____/____				
EDUC 4442	Classroom Management/Evaluation Theory	2	____/____				

**\*EDUC 4310 & EDUC 4542 Must be taken Concurrently**

**"C" or better is required in professional education classes**

### Foreign Language Competency Requirement (0-8 hours)

_____	_____	____/____
_____	_____	____/____

### Math Electives (choose 3 hours)

MATH 3203	Advanced Statistics & Data Analysis	3	____/____
MATH 3333	Modern Algebra II	3	____/____
MATH 3353	Differential Equations	3	____/____
MATH 3363	Advanced Calculus I	3	____/____
MATH 4303	Probability & Statistics I	3	____/____
MATH 4403	Probability & Statistics II	3	____/____
MATH 4413	Numerical Analysis	3	____/____
MATH 4423	Complex Variable Theory	3	____/____
MATH 4883	Special Topics	3	____/____

### Mathematics Prerequisite Courses (0-9 hours)

MATH 1513	College Algebra	3	____/____
MATH 1613	Trigonometry	3	____/____
MATH 2203	Elementary Statistics	3	____/____

### Mathematics Required Courses (24 hours)

MATH 1743	Calculus & Analytic Geometry I	3	____/____
MATH 2223	Calculus & Analytic Geometry II	3	____/____
MATH 2243	Calculus & Analytic Geometry III	3	____/____
MATH 3233	Linear Algebra	3	____/____
MATH 3253	Foundation of Mathematics	3	____/____
MATH 3263	Calculus & Analytic Geometry IV	3	____/____
MATH 3313	Modern Geometry	3	____/____
MATH 3323	Modern Algebra I	3	____/____

### Probability & Statistics Courses (choose 3 hours)

MATH 3203	Advanced Statistics & Data Analysis	3	____/____
MATH 4303	Probability & Statistics I	3	____/____

### Additional Required Courses (6 hours)

CSCI 1143	Introduction to Computing	3	____/____
PHYS 2113	General Physics I	3	____/____

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### Personal Information

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Cell \_\_\_\_\_ Home \_\_\_\_\_

Student ID # \_\_\_\_\_

Advisor \_\_\_\_\_

Date \_\_\_\_\_

Email \_\_\_\_\_

Email \_\_\_\_\_

### CEOE REQUIREMENT (for certification)

#### OK Subject Area Test (OSAT):

Area	Date Passed	Score
_____	_____	_____
_____	_____	_____

#### Praxis Performance Assessment for Teachers (PPAT):

Area	Date Passed	Score
_____	_____	_____

This program qualifies individuals to obtain an Oklahoma teaching certificate and teach mathematics in grades 5-12.

**A minimum of 122 credit hours is required**  
**No more than 61 hrs of junior college credit may count towards 122**  
**A minimum of 40 hours of upper division credit is required**

### General Information

Date Admitted to Teacher Education \_\_\_\_\_

Passed English Proficiency Requirement \_\_\_\_\_

Date Accepted for Professional Trimester \_\_\_\_\_

Satisfactory Portfolio \_\_\_\_\_

Computer Proficiency \_\_\_\_\_

### General Requirements

Overall Grade Point Average	2.5
Grade Point Average in Area of Specialization	2.75
Total Hours Completed	Hrs. _____ GPA _____
Hours in Math	_____

**Computer proficiency required**  
**Degree requirements effective August 2025**

