

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

Interdisciplinary Studies (IDS) (44 hours)

		Hours	Sem/Grade			Hours	Sem/Grade
IDS 1003	Rhetoric and Critical Thinking	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	Introduction to College Writing	3	____/____	IDS 2011	Foundations of Science Laboratory	1	____/____
IDS 1213	Writing about Literature	3	____/____	IDS 2133	American Civilization I	3	____/____
IDS 1223	Mathematics in the Modern World	3	____/____	IDS 2143	American Civilization II	3	____/____

Artistic Expression -- 2 hours

		____	____/____
		____	____/____

Physical Expression -- 2 hours

PHED 1011	Concepts of Health and Fitness	1	____/____
		1	____/____

		3	____/____
		3	____/____
		3	____/____
		3	____/____
		3	____/____
		3	____/____
		3	____/____
		3	____/____
		3	____/____

Professional Education (34 hours)

"C" or better is required in professional education classes

		Hours	Sem/Grade
EDUC 2002	Orientation to Teaching	2	____/____
EDUC 2011	Level 1 Clinical Experiences	1	____/____
EDUC 2022	Education of the Exceptional Child	2	____/____
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 4410	Professional Trimester/Student Teaching	10	____/____
*EDUC 4542	Applied Professional Studies	2	____/____
EDUC 4442	Classroom Management/Evaluation Theory	2	____/____

***EDUC 4410 & EDUC 4542 Must be taken Concurrently**

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

Foreign Language Competency Requirement

		____	____/____
		____	____/____

Electives:

MATH 3333	Modern Algebra II	3	____/____
MATH 3353	Differential Equations	3	____/____
MATH 3363	Advanced Calculus I	3	____/____
MATH 3373	Advanced Calculus III	3	____/____
MATH 4413	Numerical Analysis	3	____/____
MATH 4423	Complex Variable Theory	3	____/____

Mathematics - Major Classes (43 hours)

		Hours	Sem/Grade
MATH 1513	College Algebra	3	____/____
MATH 1613	Trigonometry	3	____/____
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 3263	Calculus & Analytic Geometry IV	3	____/____
MATH 3253	Foundation of Mathematics	3	____/____
MATH 3313	Advanced Euclidean Geometry	3	____/____
MATH 3323	Modern Algebra I	3	____/____
MATH 4303	Probability & Statistics I	3	____/____
MATH 4403	Probability & Statistics II	3	____/____

Additional Required Courses:

CSCI 1143	Introduction to Computing	3	____/____
NSCI 2710/1	STEM Communication	1	____/____
NSCI 3710/1	Next Step Prep	1	____/____
IDS 2011	Foundations of Science Lab	1	____/____
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
_____	_____	_____

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	
	Hrs.	GPA
Total Hours Completed	_____	_____
Hours in Math	_____	_____

A minimum of 122 hours is required
A minimum of 40 hours of upper division work is required
Maximum of 61 hrs. of junior college coursework may count
toward the baccalaureate degree at USAO.
Degree requirements effective July 2023

