

Degree: B.A.
Major: Mathematics (Teaching Emphasis)
2024 - 2025

COMMON CORE (23 hours)		Credit Hours
All students take the following courses.		
CORE 1002	OBU Connections [†]	2
CORE 1023	The Contemporary World	3
CORE 1043	Composition I	3
CORE 1113	Survey of the Bible	3
CORE 1123	Interpreting the Bible	3
CORE 2233	World Literature	3
CORE 2243	History of World Societies	3
CORE 2334	Scientific Inquiry (Satisfied by major)	0
CORE 3023	Scientific Connections	3
FLEXIBLE CORE (17 hours)		
Choose as indicated from each of the seven categories.		
Analytic & Quantitative Reasoning (Satisfied by major)		
MATH 1003	College Algebra (May be a prerequisite)	0
MATH 1033	Mathematics for the Liberal Arts	
PHIL 1003	Introduction to Philosophy	
PHIL 1023	Logic	
Applied Skills (Choose one)		
COMM 1003	Fundamentals of Public Speaking (Req. for major)	3
FINN 2003	Personal Finance	
Artistic Engagement (Choose two)		
May be satisfied by participation in the European Study Program.		
FINA 3113	Fine Arts: Art	3
FINA 3123	Fine Arts: Music	
FINA 3133	Fine Arts: Theatre	
Civic Engagement in America (Choose one)		
PSCI 2013	American National Government	3
HIST 2003	United States History to 1877	
HIST 2013	United States History Since 1877	
Intercultural Appreciation and Communication[†] (Choose two)		
Two semesters of credit in the same foreign language. May also be satisfied by approved language-intensive study-abroad experience.		
		6
Physical Well-being (One course)		
KIN 1002	Concepts of Wellness (Required by major, semester 7)	2
EXPERIENTIAL CORE (1 hour)		
CHAP 1000	Chapel (6 credits required)	0
FINA 4011	Arts Engagement Series	1
Total Core Requirements		41

[†] For more detail, refer to the School of Interdisciplinary Studies section of the catalog.

GENERAL GRADUATION REQUIREMENTS	
6 Chapel Credits, or 1 per semester for transfer students	
2.000 minimum GPA (overall, OBU, major, and minor)	
At least 24 hours with grades of C or higher in the major	
Jr./Sr. Hours: At least 39 total, 12 in the major and 6 in the minor	
At least 60 hours taken at OBU, including 30 of last 36 hours.	

CRITERIA FOR ADMISSION & RETENTION TO TEACHER EDUCATION	
Maintain a minimum 2.700 cumulative GPA in all areas	
Minimum grade of C in Composition I, approved MATH course, and Foundations of Education	
Satisfactory evaluation by academic advisor and two other faculty members	

MAJOR**		Credit Hours
MATH 1103	Introduction to Cryptology	3
MATH 2014	Calculus I	4
MATH 2024	Calculus II	4
MATH 2343	Fundamentals of Mathematical Proof	3
MATH 3003	Foundations of Geometry	3
MATH 3034	Calculus III	4
MATH 3053	Abstract Algebra I	3
MATH 3063	Probability & Statistics	3
MATH 3093	Linear Algebra	3
MATH 4013	Methods in Secondary Mathematics (Semester 7)	3
MATH 4883	Mathematics for Secondary Teachers	3
TOTAL		36

**Additional math courses may be needed to meet prerequisites for Calculus. These would increase total hours.

ADDITIONAL AREA REQUIREMENTS		
CSCI 1044	Programming I	4
PHYS 2054	University Physics I	4
TOTAL		8

SECONDARY EDUCATION MAJOR		Credit Hours
Professional Education Requirements (36 hours)		
EDFN 2003	Foundations of Education	3
EDFN 2012	Instructional Technology	2
EDFN 2053	Child and Adolescent Development	3
EDFN 3083 [°]	Teaching Exceptional Learners	3
EDFN 4123 [°]	Learning Theories & Assessment Practices (Semester 8)	3
EDFN 4303 [°]	Student Teaching Seminar I (Semester 7)	3
EDFN 4403 ^{°°}	Student Teaching Seminar II (Semester 8)	3
EDFN 4407 ^{°°}	Student Teaching I (Semester 7)	7
EDFN 4419 ^{°°}	Student Teaching II (Semester 8)	9
Teaching Field Requirements (3 hours)		
SCED 3043	Secondary Methods & Classroom Mgmt.	3
Subject Area Requirements (0 hours)		
CORE 2053	Composition II (Satisfied by first major)	0
TOTAL		39

[°] Requires admission to the Teacher Education Program and Praxis II Test(s).

^{°°} Requires Praxis II: Principles of Learning and Teaching for graduation and licensure.

MINOR: The minor requirement is waived.	-
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ELECTIVES: Choose courses to total 120 hours, including 39 Jr./Sr-level hours.

CREDIT HOUR SUMMARY	
CORE	41
MAJOR	36
ADDITIONAL AREA REQUIREMENTS	8
2nd MAJOR (Secondary Education)	39
TOTAL	124