

Degree: B.A. Major: Mathematics (Teaching Emphasis)

	023

Credit All students take the following courses.
CORE 1002   OBU Connections†   2
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 (18 hours)           Choose as indicated from each of the seven categories.           Analytic & Quantitative Reasoning (Choose one)           MATH 1003         College Algebra (Satisfied by major)           MATH 1003         Introduction to Philosophy           PHIL 1003         Introduction to Philosophy           PHIL 1023         Logic           Applied Skills (Choose one)         COMM 1003           COMM 1003         Personal Finance           Artistic Engagement (Choose two)           May be satisfied by participation in the European Study Program.           FINA 3113         Fine Arts: Art           FINA 3123         Fine Arts: Music         3           FINA 3133         Fine Arts: Theatre
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 (18 hours)           Choose as indicated from each of the seven categories.           Analytic & Quantitative Reasoning (Choose one)           MATH 1003         College Algebra (Satisfied by major)           MATH 1003         Mathematics for the Liberal Arts         0           PHIL 1003         Introduction to Philosophy           PHIL 1003         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           FINA 3123         Fine Arts: Music         3           FINN 2
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 (18 hours)           Choose as indicated from each of the seven categories.           Analytic & Quantitative Reasoning (Choose one)           MATH 1003         College Algebra (Satisfied by major)           MATH 1003         Mathematics for the Liberal Arts         0           PHIL 1003         Introduction to Philosophy           PHIL 1003         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           FINA 3123         Fine Arts: Music         3           FINN 2
CORE 1123
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 (18 hours)           Choose as indicated from each of the seven categories.           Analytic & Quantitative Reasoning (Choose one)           MATH 1003         College Algebra (Satisfied by major)           MATH 1003         Introduction to Philosophy           PHIL 1003         Introduction to Philosophy           PHIL 1023         Logic           Applied Skills (Choose one)         COMM 1003           COMM 1003         Personal Finance           Artistic Engagement (Choose two)           May be satisfied by participation in the European Study Program.           FINA 3113         Fine Arts: Art           FINA 3123         Fine Arts: Music         3           FINA 3133         Fine Arts: Theatre
CORE 2243 History of World Societies 3 CORE 2334 Scientific Inquiry (Satisfied by major) 0 CORE 3023 Scientific Connections 3 FLEXIBLE CORE (18 hours) Choose as indicated from each of the seven categories.  Analytic & Quantitative Reasoning (Choose one)  MATH 1003 College Algebra (Satisfied by major)  MATH 1033 Mathematics for the Liberal Arts 0 PHIL 1003 Introduction to Philosophy PHIL 1023 Logic  Applied Skills (Choose one)  COMM 1003 Personal Finance  Artistic Engagement (Choose two) May be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art FINA 3123 Fine Arts: Music 3 FINA 3133 Fine Arts: Theatre
CORE 2334 Scientific Inquiry (Satisfied by major) 0 CORE 3023 Scientific Connections 3  FLEXIBLE CORE (18 hours) Choose as indicated from each of the seven categories.  Analytic & Quantitative Reasoning (Choose one)  MATH 1003 College Algebra (Satisfied by major)  MATH 1033 Mathematics for the Liberal Arts 0  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  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
CORE 3023 Scientific Connections 3  FLEXIBLE CORE (18 hours) Choose as indicated from each of the seven categories.  Analytic & Quantitative Reasoning (Choose one)  MATH 1003 College Algebra (Satisfied by major)  MATH 1033 Mathematics for the Liberal Arts 0  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  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
Choose as indicated from each of the seven categories.  Analytic & Quantitative Reasoning (Choose one)  MATH 1003 College Algebra (Satisfied by major)  MATH 1003 Mathematics for the Liberal Arts 0  PHIL 1003 Introduction to Philosophy  PHIL 1023 Logic  Applied Skills (Choose one)  COM 1003 Personal Finance  Artistic Engagement (Choose two)  May be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
Choose as indicated from each of the seven categories.  Analytic & Quantitative Reasoning (Choose one)  MATH 1003 College Algebra (Satisfied by major)  MATH 1033 Mathematics for the Liberal Arts 0  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)  Mathematics for the Liberal Arts 0  FINA 3113 Fine Arts: Art  FINA 3113 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
Analytic & Quantitative Reasoning (Choose one)  MATH 1003 College Algebra (Satisfied by major)  MATH 1003 Mathematics for the Liberal Arts 0  PHIL 1003 Introduction to Philosophy PHIL 1023 Logic  Applied Skills (Choose one)  COM 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  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
MATH 1003 College Algebra (Satisfied by major)  MATH 1003 Mathematics for the Liberal Arts 0  PHIL 1003 Introduction to Philosophy  PHIL 1023 Logic  Applied Skills (Choose one)  COM 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  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
MATH 1033 Mathematics for the Liberal Arts 0 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 FINA 3123 Fine Arts: Music 3 FINA 3133 Fine Arts: Theatre
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)  Way be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
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)  Way be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
Applied Skills (Choose one)  COMM 1003 Fundamentals of Public Speaking (Req. for major)  FINN 2003 Personal Finance  Artistic Engagement (Choose two)  May be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
COMM 1003 Fundamentals of Public Speaking (Req. for mejor) 3  FINN 2003 Personal Finance  Artistic Engagement (Choose two)  May be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
FINN 2003 Personal Finance  Artistic Engagement (Choose two)  May be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
Artistic Engagement (Choose two)  May be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
May be satisfied by participation in the European Study Program.  FINA 3113 Fine Arts: Art  FINA 3123 Fine Arts: Music 3  FINA 3133 Fine Arts: Theatre
FINA 3113       Fine Arts: Art         FINA 3123       Fine Arts: Music       3         FINA 3133       Fine Arts: Theatre
FINA 3133 Fine Arts: Theatre
Civic Engagement in America (Channa ana)
JIVIC ENGAGEMENT III AMENCA (CHOOSE ONE)
PSCI 2013 American National Government
HIST 2003 United States History to 1877 3
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.
Physical Well-being (One course)
KIN 1002 Concepts of Wellness 3
KIN 2073 Health and Safety (Required for major)
LST 2013 Outdoor Leisure Pursuits
EXPERIENTIAL CORE (1 hour)
EXPERIENTIAL CORE (1 hour)  CHAP 1000 Chapel (7 credits required) 0

<sup>&</sup>lt;sup>†</sup> For more detail, refer to the School of Interdisciplinary Studies section of the catalog.

GENERAL GRADUATION REQUIREMENTS	
7 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.	

Ì	
ı	CRITERIA FOR ADMISSION & RETENTION TO TEACHER EDUCATION
ı	Maintain a minimum 2.700 cumulative GPA in all areas

Minimum grade of C in Composition I, Math for Elementary Teachers I, and Foundations of Education

Minimum ACT Composite score of 24 (minimum score of 22 on the Math, Reading, and Writing sections) <u>or</u> minimum state scores on the Praxis Core Tests for Math, Reading, and Writing.

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	3
MATH 4463	Mathematical Scholarship	3
MATH 4883	Mathematics for Secondary Teachers	3
TOTAL		39

<sup>\*\*</sup>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

SECONDAR	Y EDUCATION MAJOR	Credit Hours
Professiona	I Education Requirements (31 hours)	
EDFN 1002	Introduction to Education	2
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	3
EDFN 4403∾	Student Teaching Seminar	3
EDFN 4406∾	Student Teaching I	6
EDFN 4416∾	Student Teaching II	6
Teaching Fie	ld Requirements (6 hours)	_
SCED 3043	Secondary Methods & Classroom Mgmt.	3
SCED 4523°	Practicum in Education Grades 7-12	3
Subject Area	Requirements (3 hours)	
CORE 2053	Composition II (Satisfied by first major)	0
TOTAL		37

<sup>\*</sup>Requires admission to the Teacher Education Program and Praxis II Test(s).

MINOR: The minor requirement is waived.

**ELECTIVES**: Choose courses to total 120 hours, including 39 Jr/Sr-level hours.

CREDIT HOUR SUMMARY	
CORE	42
MAJOR	39
ADDITIONAL AREA REQUIREMENTS	8
2 <sup>nd</sup> MAJOR (Secondary Education)	37
TOTAL	126

<sup>&</sup>lt;sup>⋄</sup> Requires Praxis II: Principles of Learning and Teaching for graduation and licensure.