

Degree: B.A.

Major: Physics and Mathematics (Teaching Emphasis)

2024 - 2025

COMMON CORE (20 hours)		Credit
	he following courses.	Hours
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 (Satisfied by major)	0
FLEXIBLE C	ORE (17 hours)	
Choose as indicated	ed from each of the seven categories.	
Analytic & Q	uantitative 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 Skill	S (Choose one)	
COMM 1003	Fundamentals of Public Speaking (Req. for major)	3
FINN 2003	Personal Finance	
	gement (Choose two)	
	participation in the European Study Program.	
FINA 3113	Fine Arts: Art	
FINA 3123	Fine Arts: Music	3
FINA 3133	Fine Arts: Theatre	
	ement in America (Choose one)	
PSCI 2013	American National Government	
HIST 2003	United States History to 1877	3
HIST 2013	United States History Since 1877	
	Appreciation and Communication [†] (Choose two)	
	of credit in the same foreign language. May also be	6
	proved language-intensive study-abroad experience.	
	I-being (One course)	_
KIN 1002	Concepts of Wellness (Required by major, semester 7)	2
	AL CORE (1 hour)	
CHAP 1000	Chapel (6 credits required)	0
FINA 4011	Arts Engagement Series	1
Total Core Requirements		38
[†] 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		

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

Credit MAJOR Hours PHYS 2054, University Physics I, PHYS 2064 or University Physics II or 8 PHYS 2024, College Physics I PHYS 2034 College Physics II PHYS 2073 University Physics III 3 PHYS 3004 Introduction to Modern Physics 4 PHYS 4501 Physics Education Proficiency 1 4 ENGR 3124 Electrical Circuits 4 Four additional junior/senior-level PHYS hours MATH 2014 Calculus I 4 4 MATH 2024 Calculus II Foundations of Geometry 3 MATH 3003 4 MATH 3034 Calculus III 3 MATH 3063 Probability and Statistics MATH 4013 3 Methods in Secondary Mathematics (Semester 7) 3 MATH 4883 Mathematics for Secondary Teachers CSCI 1044 4 Programming I TOTAL 52 SECONDARY EDUCATION MAJOR AND 7-12 LICENSURE 3 EDFN 2003 Foundations of Education EDFN 2053 Child and Adolescent Development 3 EDFN 3083° **Teaching Exceptional Learners** 3 Learning Theories & Assessment Practices 3 EDFN 4123° Semester 3 EDFN 4303° Student Teaching Seminar I (Semester 7) EDFN 4403~ Student Teaching Seminar II (Semester 8) 3 EDFN 4407 Student Teaching I (Semester 7) 7 9 EDFN 4419** Student Teaching II (Semester 8) SCED 3043 Secondary Methods & Classroom Management 3 37 TOTAL ² 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. ELECTIVES: Choose courses to total 120 hours, including 39

 ELECTIVES: Choose courses to total 120 hours, including 39 Jr/Sr-level hours.
 0

 CREDIT HOUR SUMMARY

 CORE

 38
 PHYSICS / MATHEMATICS MAJOR

 52
 SECONDARY EDUCATION MAJOR

 37
 TOTAL