

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

COMMON CORE (20 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 (Satisfied by major)	0
FLEXIBLE CORE (17 hours)		
Choose as indicated from each of the seven categories.		
Analytic & Quantitative Reasoning (Satisfied by Additional Area Requirements)		
MATH 1003	College Algebra	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 (Required for major)	3
FINN 2003	Personal Finance	
Artistic Engagement (Choose one)		
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		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.	

MAJOR		Credit Hours
CHEM 1004	General Chemistry I	4
CHEM 1014	General Chemistry II	4
CHEM 2004	Quantitative Analysis	4
CHEM 3004	Organic Chemistry I	4
CHEM 3104	Organic Chemistry II	4
CHEM 3053	Physical Chemistry I	3
CHEM 3272	Experimental Techniques in Chemistry I	2
CHEM 4023	Biochemistry I	3
CHEM 4511	Directed Chemistry Research	1
Waived upon completion of lab-based Senior Thesis for the Honors Program.		
TOTAL		29

ADDITIONAL AREA REQUIREMENTS		
BIOL 1014	General Biology I	4
BIOL 1024	General Biology II	4
PHYS 2024, 2034	College Physics I & II or	8
PHYS 2054, 2064	University Physics I & II	
NSCI 3013	Methods in NSCI for MSed/SSed (Semester 7)	3
NSCI 3961	Laboratory Practicum	1
MATH 2014	Calculus I	4
MATH 3202	Advanced Chemical Calculations (Recommended)	0-2
TOTAL		24-26

SECONDARY EDUCATION MAJOR AND 7-12 LICENSURE		
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 and Classroom Mgmt.	3
Subject Area Requirements		
CORE 2053	Composition II	3
TOTAL		42

° 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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CREDIT HOUR SUMMARY	
CORE	38
MAJOR	29
ADDITIONAL AREA REQUIREMENTS	24-26
SECONDARY EDUCATION MAJOR	42
TOTAL	133-135