

Degree: B.A.

## Major: Chemistry (Teaching Emphasis)

2023 - 2024

COMMON CORE (20 hours)		Credit
	he following courses.	Hours
CORE 1002	OBU Connections <sup>†</sup>	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 CO	DRE (18 hours)	
Choose as indicate	ed from each of the seven categories.	
	Jantitative Reasoning (Satisfied by Additional Area Require	ments)
MATH 1003	College Algebra	
MATH 1033	Mathematics for the Liberal Arts	0
PHIL 1003	Introduction to Philosophy	
PHIL 1023	Logic	
Applied Skills		
COMM 1003	Fundamentals of Public Speaking	3
FINN 2003	Personal Finance	
Artistic Enga	gement (Choose one)	
	articipation in the European Study Program.	
FINA 3113	Fine Arts: Art	3
FINA 3123	Fine Arts: Music	
FINA 3133	Fine Arts: Theatre	
	ment in America (Choose one)	
PSCI 2013	American National Government	3
HIST 2003	United States History to 1877	
HIST 2013	United States History Since 1877	
	Appreciation and Communication <sup>†</sup> (Choose two)	
	of credit in the same foreign language. May also be	6
	roved language-intensive study-abroad experience.	
	-being (One course)	
KIN 1002	Concepts of Wellness	3
KIN 2073	Health and Safety (Required by major)	
KIN 2013	Outdoor Leisure Pursuits	
EXPERIENTIA	AL CORE (1 hour)	
CHAP 1000	Chapel (7 credits required)	0
FINA 4011	Arts Engagement Series	1
	equirements	39

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.		

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 comple	tion of lab-based Senior Thesis for the Honors Program.	
CHEM 4621	Senior Capstone Experience	1
TOTAL		30
ADDITIONAL A	REA 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	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	
	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 <sup>\circ</sup>	Student Teaching Seminar	3
EDFN 4406~	Student Teaching I	6
EDFN 4416**	Student Teaching II	6
<b>Teaching Fiel</b>	d Requirements (6 hours)	
	Secondary Methods and Classroom Mgmt.	3
SCED 3043		3
SCED 3043 SCED 4523°	Practicum in Education Grades 7-12	3
SCED 4523°		

MINOR: The minor requirement is waved.

CREDIT HOUR SUMMARY	
CORE	39
MAJOR	30
ADDITIONAL AREA REQUIREMENTS	24-26
SECONDARY EDUCATION MAJOR	40
TOTAL	133-135