

Degree: B.S.

Major: Professional Chemistry

2023 - 2024

COMMON CO	ORE (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 CO	DRE (17-18 hours)		
Choose as indicat	ed from each of the seven categories.		
Analytic & Quantitative Reasoning (Satisfied by Additional Area Requirements)			
MATH 1003	College Algebra		
MATH 1033	Mathematics for the Liberal Arts	0	
PHIL 1003	Introduction to Philosophy		
PHIL 1023	Logic		
Applied Skills	6 (Choose one)		
COMM 1003	Fundamentals of Public Speaking	3	
FINN 2003	Personal Finance		
Artistic Engagement (Choose one)			
May be satisfied by p	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 [†] (Choose two) of credit in the same foreign language. May also be	~	
	roved language-intensive study-abroad experience.	6	
	I-being (One course)		
KIN 1002	Concepts of Wellness	2-3	
KIN 2073	Health and Safety	2-5	
KIN 2013	Outdoor Leisure Pursuits		
	AL CORE (1 hour)		
CHAP 1000	Chapel (7 credits required)	0	
FINA 4011	Arts Engagement Series	1	
		00.00	
Total Core Re	equirements	38-39	

 † 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.		

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 3063 Physical Chemistry II	3 3 2 2 3 3 3 2
CHEM 3142 Instrumental Analysis	2
CHEM 3272 Experimental Techniques I	2
CHEM 4023 Biochemistry I	3
CHEM 4033 Advanced Inorganic Chemistry	3
CHEM 4272 Experimental Techniques II	2
CHEM 4511 Directed Chemistry Research	1
Waived upon completion of lab-based Senior Thesis for the Honors Program.	
CHEM 4621 Senior Capstone Experience	1
TOTAL	40
ADDITIONAL AREA REQUIREMENTS	
PHYS 2024 & 2034 College Physics I & II or	8
PHYS 2054 & 2064 University Physics I & II	-
MATH 2014 Calculus I	4
MATH 3202 Advanced Chemical Calculations	2
ENGL 3013 Technical and Professional Writing	3
TOTAL	17
MINOR: Minimum 18 hours. Must be completed in Computer Science, Mathematics, Physics, or Biology	
ELECTIVES : Choose courses to total 120 hours, including 39 Jr/Sr-level hours.	
CREDIT HOUR SUMMARY	
CORE	38-39
MAJOR	40
ADDITIONAL AREA REQUIREMENTS	
MINOR (minimum)	
ELECTIVES	
TOTAL	120