Degree: B.S. Major: Professional Chemistry 2024 - 2025

COMMON CO	PRE (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		
	DRE (17-18 hours)	Ť		
	ed from each of the seven categories.			
	uantitative Reasoning (Satisfied by Additional Area Requir	omonte)		
MATH 1003	College Algebra	omonto,		
MATH 1033	Mathematics for the Liberal Arts	0		
PHIL 1003	Introduction to Philosophy	·		
PHIL 1023	Logic			
Applied Skills				
	Fundamentals of Public Speaking	3		
FINN 2003	Personal Finance	Ū		
	T Groundin manus			
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	Ū		
FINA 3133	Fine Arts: Theatre			
Civic Engagement in America (Choose one)				
PSCI 2013	American National Government	3		
HIST 2003	United States History to 1877	0		
HIST 2013	United States History Since 1877			
	Appreciation and Communication† (Choose two)			
Two semesters	of credit in the same foreign language. May also be	6		
satisfied by ann	roved language-intensive study-abroad experience.	O		
	l-being (One course)			
KIN 1002	Concepts of Wellness	2-3		
KIN 2073	Health and Safety			
KIN 2013	Outdoor Leisure Pursuits			
EXPERIENTIAL CORE (1 hour)				
CHAP 1000	Chapel (7 credits required)	0		
FINA 4011		1		
	Arts Engagement Series			
Total Core Re	equirements	38-39		

 $^{^\}dagger \mbox{For more detail, refer to the School of Interdisciplinary Studies section of the catalog.$

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			
IMAJOR	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 3 2 2 3 3 2			
CHEM 3063 Physical Chemistry II	3			
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	0			
PHYS 2054 & 2064 University Physics I & II	8			
MATH 2014 Calculus I	4			
MATH 3202 Advanced Chemical Calculations	2			
ENGL 3013 Technical and Professional Writing	3			
TOTAL	17			
MINOR, Minimum 40 hours, Months and half in Occurrence				
MINOR: Minimum 18 hours. Must be completed in Computer Science, Mathematics, Physics, or Biology	18+			
, , , , ,				
ELECTIVES: Choose courses to total 120 hours, including 39				
Jr/Sr-level hours.	• • •			
CREDIT HOUR SUMMARY				
CORE 3				
MAJOR				
ADDITIONAL AREA REQUIREMENTS				
MINOR (minimum)				
ELECTIVES				
TOTAL	120			