

Degree: B.S. Major: Physics 2025 - 2026

TOTAL

COMMON CO	ORF (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		
	RE (17-18 hours)	-		
	ed from each of the seven categories.			
	antitative Reasoning (Satisfied by Additional Area			
Requirements)	undulivo riousoning (oalished by Additional Area			
	PI less than 80 must take one of the MATH courses.			
MATH 1003	College Algebra			
MATH 1033	Mathematics for the Liberal Arts	0		
PHIL 1003	Introduction to Philosophy			
PHIL 1023	Logic			
Applied Skills	(Choose one)			
COMM 1003	Fundamentals of Public Speaking	3		
FINN 2003	Personal Finance			
Artistic Engag	ement (Choose one)			
	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 A	ppreciation and Communication† (Choose two)			
Two semesters	of credit in the same foreign language. May also be	6		
satisfied by app	roved language-intensive study-abroad experience.			
Physical Well-	-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	Arts Engagement Series	1		
Total Core Requirements		38-39		
† For more detail, refer to the School of Interdisciplinary Studies section of the catalog				

 $^{^{\}dagger}$ 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
PHYS 1123	Intro to Physics & Engineering (or ENGR 1123)	3
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	Intro to Modern Physics	4
PHYS 3033	Electricity and Magnetism I	3
PHYS 3041	Intermediate Physics Laboratory	1
PHYS 4003	Classical Mechanics I	3
PHYS 4043	Introduction to Quantum Mechanics	3
PHYS 4061	Introduction to Physics Research <u>or</u>	
PHYS 4801	Individual Study, Group Study, Research	1
	approved hours in Engineering or Physics, with at	0
least 3 at Jr/Sr I	11	9
TOTAL		38
ADDITIONAL A	AREA REQUIREMENTS	
Choose two of t		
CHEM 1004	General Chemistry I	
CHEM 1014	General Chemistry II	8
BIOL 1014	General Biology I	0
BIOL 1024	General Biology II	
MATH 2014	Calculus I	4
MATH 2024	Calculus II	4
MATH 3034	Calculus III	4
MATH 3043	Differential Equations	3
MATH ¾3	Jr/Sr-level MATH elective	3
CSCI 1044	Programming I	4
ENGL 3013 <u>or</u>	Technical & Professional Writing or	3
CORE 2053	Composition II	
TOTAL		33
MINOR: Minor	must be in Biology, Chemistry, Computer Science, or	
	te: The Additional Area Requirements are sufficient for a	0-18
Math minor.)		
ELECTIVES: C	hoose courses to total 120 hours, including 39	40.44
Jr/Sr-level hour		10-11
	CREDIT HOUR SUMMARY	
CORE		38-39
MAJOR		38
ADDITIONAL AREA REQUIREMENTS		33
MINOR (Assuming Math minor)		0
ELECTIVES		10-11
ELECTIVES		10-11

120