

Degree: B.S. Major: Engineering Physics 2022 - 2023

COMMON CO	RE (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	RE (17-18 hours)	
Choose as indicate	ed from each of the seven categories.	
Analytic & Qua	antitative Reasoning (Satisfied by Additional Area	
Requirements)	•	
	PI less than 80 must take one of the MATH courses.	
MATH 1003	9 9	
MATH 1033		0
PHIL 1003	Introduction to Philosophy	
PHIL 1023	Logic	
Applied Skills		
COMM 1003	Fundamentals of Public Speaking	3
FINN 2003	Personal Finance	
	ement (Choose one)	
	articipation in the European Study Program.	
FINA 3113	Fine Arts: Art	3
FINA 3123	Fine Arts: Music	
FINA 3133	Fine Arts: Theatre	
	nent in America (Choose one)	
PSCI 2013	American National Government	3
HIST 2003	United States History to 1877	
HIST 2013	United States History Since 1877	
	ppreciation and Communication† (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	2-3
KIN 2073	Health and Safety	
LST 2013	Outdoor Leisure Pursuits	
EXPERIENTIAL	L CORE (1 hour)	
CHAP 1000	Chapel (7 credits required)	0
FINA 4011	Arts Engagement Series	1
Total Core Requirements		38-39

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
PHYS 1121	Intro to Physics & Engineering	Hours 1
PHYS 2054, 2064	University Physics I & II or	
PHYS 2024, 2034	College Physics I & II	8
PHYS 2123	Statics	3
PHYS 2133	Dynamics	3
PHYS 3004	Intro to Modern Physics	4
PHYS 3034	Electricity and Magnetism I	4
PHYS 3123	Electrical Circuits	3
PHYS 3131	Electrical Circuits Lab	1
PHYS 4003	Classical Mechanics I	3
PHYS 4601	Senior Capstone Experience	1
	urs in Physics. PHYS 1112 is strongly	
recommended.	urs in rinysios. Firro Triz is strongly	7
TOTAL		38
ADDITIONAL ARE	A REQUIREMENTS	
CHEM 1004	General Chemistry I	4
CHEM 1014	General Chemistry II	4
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	
Mathematics. (Note: T Math minor.)	he Additional Area Requirements are sufficient for a	0-18
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Jr/Sr-level hours.	se courses to total 120 hours, including 39	10-11
	CREDIT HOUR SUMMARY	
CORE		38-39
MAJOR	38	
ADDITIONAL ARE	33	
MINOR (Assuming Math minor)		0
ELECTIVES		10-11
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