

Ouachita Baptist University

B.A. Degree: Applied Physics

Effective Fall 2016

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OBU #	Title	Hours	OBU #	Title	Hours	
Core Requirements			Physics Requirements			
Common			Physics			
CORE 1002	OBU Connections	2	PHYS 1121	Intro to Physics & Engineering	1	
CORE 1023	Contemporary World	3	PHYS 2054	University Physics I	4	
CORE 1043	Composition I	3	PHYS 2064	University Physics II	4	
CORE 1113	Survey of the Bible	3	PHYS 3004	Intro to Modern Physics	4	
CORE 1123	Interpreting the Bible	3	PHYS XXXX	Course in Physics	3	
CORE 2213	Western Civilization in Global Context	3	PHYS XXXX	Course in Physics (Jr/Sr)	9	
CORE 2233	World Literature	3	PHYS 4601	Senior Capstone Experience	1	
Flex						
COMM 1003	Fundamentals of Public Speaking†	3				
FINA 3xx3	Fine Arts	3				
PSCI 2013	American National Government†	3				
	Foreign/Biblical Language	6				
KIN 1002	Wellness	2				
Experiential						
FINA 4011	Arts Engagement Series	1				
		Total Hours	38	Total Hours		26
Additional Degree Requirements			Comments			
Out-of-Department Curriculum	MATH 2014	Calculus I	4	A Second Major <u>MUST</u> be completed in another discipline.		
	MATH 2024	Calculus II	4			
	MATH 3034	Calculus III	4			
	MATH 3043**	Differential Equations	3			
	ENGL 3013	Technical & Professional Writing†	3			
	(** This course required as pre-requisites for certain Physics courses)			* Chapel Credits = 7 or 1 per semester for transfer students		
				* GPA (overall, OBU, major, and minor) = 2.0		
				* At least 24 hours with grades of C or higher in the major		
				* Residency: 30 of last 36 hours must be taken at OBU		
				* Jr/Sr Hours: At least 39 total, 12+ in the major and 6+ in the minor		
			† Recommend course from a menu of choices			
		Total Hours	11			
Sample Four Year Degree Plan*						
Fall Even (Freshman) - Semester 1			Spring Odd (Freshman) - Semester 2			
PHYS 1121	Intro to Physics & Engineering	1	MATH 2014	Calculus I	4	
CORE 1002	OBU Connections	2	PHYS 1112	Engineering Graphics	2	
CORE 1043	Composition I	3	CORE 1023	Contemporary World	3	
CORE 1113	Survey of the Bible	3	CORE 1123	Interpreting the Bible	3	
		Additional Class			Additional Class	
MATH 1034	Pre-Calculus (May not be required)	4				
		Total Hours	Total Hours			
Fall Odd (Sophomore) - Semester 3			Spring Even (Sophomore) - Semester 4			
MATH 2024	Calculus II	4	MATH 3034	Calculus III	4	
PHYS 2054	University Physics I	4	PHYS 2064	University Physics II	4	
		Additional Class	MATH 3043	Differential Equations	3	
KIN 1002	Wellness	2			Additional Class	
		Foreign/Biblical Language			Foreign/Biblical Language	3
		Total Hours	Total Hours			
* Actual Degree Plan Will Depend on Students Choice of Second Major						
Total Projected Hours at Graduation						120