

Ouachita Baptist University

Degree: BS

Major: BIOMEDICAL SCIENCES

Minor: PHYSICS

Year: 2017-2018

COMMON CORE		Credit Hours
All students take the following courses.		
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 2213	Western Civilization in Global Context	3*
CORE 2233	World Literature	3
CORE 2334	Scientific Inquiry ¹ (Satisfied in Major)	--
CORE 3023	Scientific Connections ² (Satisfied in Major)	--
*Students are expected to transfer in 6hours of credit that will count toward the Common or Flexible CORE requirements. CORE 1043 and 2213 are recommended. ¹ Prerequisite: Completion of the Analytic & Reasoning Requirement. ² Prerequisite: CORE 2334 Scientific Inquiry		
FLEXIBLE CORE		
Choose as indicated from each of the seven categories		
Analytic and Quantitative Reasoning (one course)		--
MATH	(Satisfied in Add'l Area Req)	
Applied Skills (One course)		--
COMM 1003	Fundamentals of Public Speaking	
FINN 2003	Personal Finance	
Artistic Engagement (One course **)		3
FINA 3113	Fine Arts: Art	
FINA 3123	Fine Arts: Music	
FINA 3133	Fine Arts: Theatre	
**May be satisfied by participation in the European Study Program.		
Civic Engagement in America (One course)		3
PSCI 2013	American National Government	
HIST 2003	United States History to 1877	
HIST 2013	American Civilization	
Intercultural Appreciation and Communication (two courses)		6
May also be satisfied by approved language-intensive study-abroad experience in a non-English-speaking country.		
CHIN, FREN, GERM, GREK, HEBR, LATN, JAPN, SPAN	Two semesters of credit in the same foreign language/Study Abroad	
Physical Well-being (One course)		2-3
KIN 1002	Concepts of Wellness	
KIN 2073	Health and Safety	
LST 2013	Outdoor Leisure Pursuits	
EXPERIENTIAL CORE		
CHAP 1000	Chapel (7 credits required)	0
FINA 4011	Arts Engagement Series	1
TOTAL Credit Hours for CORE Curriculum		38-39

GENERAL GRADUATION REQUIREMENTS	
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	
Junior-Senior Hours: At least 39 total, including at least 12 in the major and at least 6 in the minor	
Residency: At least 60 hours taken at OBU, including 30 of the last 36 hours.	

MAJOR: BIOMEDICAL SCIENCES		Credit Hours
BIOM 1242	Freshman Research Experience	2
BIOL 2014 & 2024	Anatomy & Physiology I & II	8
BIOL 3683	Introduction to Bioinformatics	3
BIOM 3681	Biomedical Science Seminar (taken twice for credit)	2
BIOL 4002	Research Capstone	2
BIOL 4054	Genetics*	4
BIOL 3014 or BIOL 4064	Microbiology Cell Biology (Choose one)	4
BIOL 3064 BIOL 4013 BIOL 4243 OR Field Course	Neuroscience Histology Infectious Disease** OR Field Course (Choose one)	3 - 4
BIOM 4563 or BIOM 4643	Medicinal Chemistry or Medical Physics (Choose one)	3
BIOL 4341	Lab Peer Instructor	1
*BIOL 4054 requires MATH 2063 Elem. Statistics as a Pre-requisite **BIOL 4243 requires BIOL 3014 Microbiology as a Pre-requisite		
TOTAL Credit Hours for Major		32-33
MINOR: PHYSICS		Credit Hours
PHYS 2024, 2034 OR PHYS 2054, 2064	College Physics I & II OR University Physics I & II	8
PHYS 3004	Introduction to Modern Physics	4
PHYS 3XXX	Physics elective	1-4
PHYS 4XXX	Physics elective	1-4
TOTAL Credit Hours for Minor		18
ADDITIONAL AREA REQUIREMENTS:		
ENGL 3013	Technical & Professional Writing	3
MATH 2014 OR MATH 2063	Calculus I OR Elementary Statistics	3-4
NSCI 2001	Health Professions Seminar	1
NSCI 4002	Medical Terminology	2
CHEM 1004 & 1014	General Chemistry I & II	8
PSYC 1013 OR SOCI 1003	General Psychology OR Introduction to Sociology	3
PSYC 3013 OR SOCI 4073	Social Psychology OR Medical Sociology	3
SERV 2000	TranServe (two semesters required)	0
Experiences, Not coursework	Biomedical Sciences Bootcamp Study Abroad Experience 120 Hours Clinical shadowing 1-on campus & 1off-campus presentation Apply for ≥2 off-campus research positions	
TOTAL Credit Hours Additional Area Requirements		23-24

Electives: Choose courses to total 120 hours, including 39 Jr/Sr level hours.	6-9
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CREDIT HOUR SUMMARY	
CORE	38-39
MAJOR	32-33
MINOR	18
ADDITIONAL AREA REQUIREMENTS	23-24
ELECTIVES	6-9
TOTAL	120+

Revised October 28, 2017