

OUACHITA BAPTIST UNIVERSITY

Degree: B.S.

Major: Biomedical Sciences, Physics Option

2019 – 2020

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 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
* Students are expected to transfer in six hours of credit that will count toward the Common or Flexible Core requirements. CORE 1043 and 2243 are recommended.		
FLEXIBLE CORE		
Choose as indicated from each of the seven categories.		
Analytic & Quantitative Reasoning (One course*) (Satisfied by Additional Area Requirements)		0
MATH 1003	College Algebra	
MATH 1033	Mathematics for the Liberal Arts	
PHIL 1003	Introduction to Philosophy	
PHIL 1023	Logic	
* Students with ACT math score of 22 or less (SAT 530 or less) must choose one of the MATH courses.		
Applied Skills		3
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	United States History Since 1877	
Intercultural Appreciation and Communication[†] (Two courses)		6
CHIN, FREN, GERM, GREK, HEBR, ITAL, LATN, JAPN, RUSS, SPAN	Two semesters of credit in the same foreign language. May also be satisfied by approved language-intensive study-abroad experience.	
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 (6 credits required)	0
FINA 4011	Arts Engagement Series	1
Total		38-39

[†] 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
BIOM 1242	Freshman Research Experience	2
BIOL 2014	Human Anatomy & Physiology I	4
BIOL 2024	Human Anatomy & Physiology II	4
BIOL 3683	Bioinformatics	3
BIOM 3681	Biomedical Science Seminar (taken twice for credit)	2
BIOL 4054	Genetics (Prerequisite: MATH 2014 or 2063)	4
BIOL 3014 <i>or</i> BIOL 4064	Microbiology <i>or</i> Cell and Molecular Biology	4
Choose one of the following:		
BIOL 3064	Neuroscience	3 - 4
BIOL 4013	Histology and Microtechniques	
BIOL 4243	Infectious Disease (Prerequisite: BIOL 3014)	
BIOM 4563 <i>or</i> BIOM 4643	Medicinal Chemistry <i>or</i> Medical Physics	3
BIOL 4341	Laboratory Peer Instructor	1
BIOL 4002	Research Capstone	2
BIOM 4601	Biomedical Sciences Experiences	1
Total		33-34

MINOR: PHYSICS		
PHYS 2024, 2034 <i>or</i> PHYS 2054, 2064	College Physics I & II <i>or</i> University Physics I & II	8
PHYS 3004	Introduction to Modern Physics	4
PHYS _____	Physics elective	1-4
PHYS _____	Physics elective	1-4
Total		18

ADDITIONAL AREA REQUIREMENTS		
CORE 2053	Composition II	3
ENGL 3013	Technical & Professional Writing	
CHEM 1004	General Chemistry I	4
CHEM 1014	General Chemistry II	4
MATH 2014 <i>or</i> MATH 2063	Calculus I <i>or</i> Elementary Statistics	3-4
NSCI 2001	Health Professions Seminar	1
NSCI 4002	Medical Terminology	2
PSYC 1013 <i>or</i> SOCI 1003	General Psychology <i>or</i> Introduction to Sociology	3
Choose one of the following:		
PSYC 3013	Social Psychology	3
PSYC 3093	Abnormal Psychology	
SOCI 4073	Medical Sociology	
SERV 2000	TranServe (two semesters required)	0
Total		23-24

ELECTIVES: Choose courses to total 120 hours, including 39 Jr/Sr-level hours.	5-8
--	------------

ADDITIONAL EXPERIENCES (Not Coursework)	
Biomedical Sciences Boot Camp	
Study Abroad Experience (Taking courses at an international university is strongly suggested.)	
120 hours of clinical shadowing	
One on-campus and one off-campus research presentation	
Apply for at least two off-campus research positions	

CREDIT HOUR SUMMARY	
CORE	38-39
MAJOR	33-34
MINOR	18
ADDITIONAL AREA REQUIREMENTS	23-24
ELECTIVES	5-8
Total	120-122