

OUACHITA BAPTIST UNIVERSITY

Degree: B.S.

Major: Biomedical Sciences (Minor in Chemistry)

2015-16

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 (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 2213 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	
Applied Skills (Satisfied by Additional Area Requirements)		0
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, LATN, JAPN, 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		35-36

† For more detail, refer to the School of Interdisciplinary Studies section of the catalog.

GENERAL GRADUATION REQUIREMENTS
6 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
BIOM 2753	Business of Healthcare	3
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	Microbiology <i>or</i>	4
BIOL 4064	Cell and Molecular Biology	
Choose one of the following:		
BIOL 3064	Neuroscience	3 - 4
BIOL 4013	Histology and Microtechniques	
BIOL 4243	Infectious Disease (Prerequisite: BIOL 3014)	
Field Course	Field Course	
BIOM 4563	Medicinal Chemistry <i>or</i>	3
BIOM 4643	Medical Physics	
BIOL 4341	Laboratory Teaching Internship	1
BIOL 4001	Research Capstone	1
TOTAL		34-35

MINOR: CHEMISTRY		Credit Hours
CHEM 1004 & 1014	General Chemistry I & II	8
CHEM 3004 & 3104	Organic Chemistry I & II	8
CHEM 4023	Biochemistry	3
TOTAL		19

ADDITIONAL AREA REQUIREMENTS:		
COMM 1003	Fundamentals of Public Speaking	3
ENGL 3013	Technical & Professional Writing	3
HUM 4011	Servant Leadership	1
MATH 2014	Calculus I	4
MATH 2063	Elementary Statistics	3
NSCI 2001	Health Professions Seminar	1
NSCI 4002	Medical Terminology	2
PHYS 2024 & 2034	College Physics I & II <i>or</i>	8
PHYS 2054 & 2064	University Physics I & II	
PSYC 1013	General Psychology <i>or</i>	3
SOCI 1003	Introduction to Sociology	
PSYC 3013	Social Psychology	3
SOCI 4073	Medical Sociology <i>or</i>	
SERV 2000	TranServe (two semesters required)	0
Additional Experiences (not coursework)	- Biomedical Sciences Bootcamp - Study Abroad Experience - 120 hours of clinical shadowing - 1 on-campus & 1 off-campus research presentation - Apply for at least two off-campus research positions	
TOTAL		31

CREDIT HOUR SUMMARY	
CORE	35-36
MAJOR	34-35
MINOR	19
ADDITIONAL AREA REQUIREMENTS	31
ELECTIVES (If needed)	1
TOTAL	120-121