

OUACHITA BAPTIST UNIVERSITY

Degree: B.S.

Major: Biomedical Sciences, Physics Option

2021 – 2022

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		0
COMM 1003	Fundamentals of Public Speaking	
FINN 2003	Personal Finance (Satisfied by major)	
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		35-36

[†] 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.	

CRITERIA FOR ADMISSION TO BIOMEDICAL SCHOLARS PROGRAM	
<u>Students beginning their first semester at Ouachita:</u>	
<ul style="list-style-type: none"> • ACT score of at least 30 or equivalent SAT score • At least 6 hours of incoming college credit • Completion of a student application. 	
<u>Students beginning their third semester at Ouachita:</u>	
<ul style="list-style-type: none"> • Minimum 3.5 GPA in BIOL 1014 & 1024 • Minimum 3.5 GPA in CHEM 1004 & 1014 • Minimum 3.6 overall GPA • Satisfactory completion of BIOL 1201 and one Honors CORE course • Completion of a student application. 	
Refer to the Biomedical Sciences section of the catalog for policies involving substitutions for AP credit and requirements for transfer students.	

CRITERIA FOR RETENTION IN BIOMEDICAL SCHOLARS PROGRAM	
Maintain a minimum 3.6 overall GPA	
Progress toward completion of the Honors Program.	
Failure to satisfy the retention requirements will result in a one-semester probation period, followed by a default to a four-year Biology degree. Refer to the Biomedical Sciences section of the catalog for more details.	

MAJOR		Credit Hours
BIOM 1242 <i>or</i> BIOL 1014, 1201	Freshman Research Experience <i>or</i> General Biology I & Freshman Research Experience	2-5
BIOL 2014	Human Anatomy & Physiology I	4
BIOL 2024	Human Anatomy & Physiology II	4
BIOL 3683	Bioinformatics	3
BIOL 4002	Research Capstone	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
BIOL 3064 <i>or</i> BIOL 4013	Neuroscience <i>or</i> Histology and Microtechniques	3 - 4
BIOM 4601	Biomedical Sciences Experiences	1
Total		27-31

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
PHYS _____	Physics Elective (if necessary)	1-4
Total		18

ADDITIONAL AREA REQUIREMENTS		
CORE 2053	Composition II	3
ENGL 3013	Technical & Professional Writing	
Choose one of the following:		
COMM 3033	Interpersonal Communication	3
COMM/MSSN 4313	Intercultural Communication	
MGMT 3043	Organization Behavior and Management	
FINN 2003	Personal Finance	3
MATH 2014 <i>or</i> MATH 2063	Calculus I <i>or</i> Elementary Statistics	3-4
CHEM 1004	General Chemistry I	4
CHEM 1014	General Chemistry II	4
NSCI 2001	Health Professions Seminar	1
NSCI 4002	Medical Terminology	2
PSYC 1013 <i>or</i> SOCI 1003	General Psychology Introduction to Sociology	3
Choose one of the following:		
PSYC 3013	Social Psychology	3
PSYC 3093	Abnormal Psychology	
SOCI 4073	Medical Sociology	
PHIL 1023	Logic	3
Choose one of the following:		
MSSN 3403	World Religions	3
PHIL 3163	Death and Dying	
PHIL4013	Christian Ethics	
SERV 2000	TranServe (three semesters required)	0

Carl Goodson Honors Program (Required)		
Take three honors-designated CORE classes (or contracted course for honors credit) (Hours counted in Core summary)		0
HNRS 3 1	Honors Seminar (taken twice)	2
HNRS 2981	Honors Directed Studies	1
HNRS 498	Honors Thesis	4
Total		42-43

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

ADDITIONAL EXPERIENCES (Not Coursework)	
Study Abroad Experience (Taking courses at an international university is strongly suggested.)	
50 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	35-36	
MAJOR	27-31	
MINOR	18	
ADDITIONAL AREA REQUIREMENTS	42-43	
ELECTIVES	-	
Total		122-128