

Degree: B.S. Major: Biomedical Sciences, Chemistry Option 2025 – 2026

001111011 005	NE (00 )	Cus dit
COMMON COR		Credit Hours
	he following courses.	
	e expected to transfer in six hours of credit that will count towar	
	ole Core requirements. CORE 1043 and 2243 are recommend	
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
FLEXIBLE COR		
	from each of the seven categories.	
	Intitative Reasoning (Satisfied by Additional Area Requirements)	
MATH 1003	College Algebra	
MATH 1033	Mathematics for the Liberal Arts	0
PHIL 1003	Introduction to Philosophy	·
PHIL 1023	Logic	
Applied Skills	<del>U</del>	
COMM 1003	Fundamentals of Public Speaking	0
FINN 2003	Personal Finance (Satisfied by Additional Area Requirements)	U
Artistic Engage	ement (Choose one)	
FINA 3113	erticipation in the European Study Program. Fine Arts: Art	3
FINA 3113	Fine Arts: Music	3
FINA 3123	Fine Arts: Theatre	
	nent in America (Choose one)	
PSCI 2013	American National Government	3
HIST 2003	United States History to 1877	
HIST 2013	United States History Since 1877	
	ppreciation and Communication†(Choose two)	
	s of credit in the same foreign language. May also	6
be satisfied by	approved language-intensive study-abroad	
experience.		
Physical Well-I	being (One course)	
KIN 1002	Concepts of Wellness	2-3
KIN 2073	Health and Safety	
KIN 2013	Outdoor Leisure Pursuits	
EXPERIENTIAL	CORE (1 hour)	
CHAP 1000	Chapel (7 credits required)	0
FINA 4011	Arts Engagement Series	1
Total Core Rec		35-36
	refer to the School of Interdisciplinary Studies section of the ca	

<sup>&</sup>lt;sup>†</sup> 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	Т

## CRITERIA FOR ADMISSION TO BIOMEDICAL SCHOLARS PROGRAM

Students beginning their first semester at Ouachita:

- ACT score of at least 30 or equivalent SAT score
- At least 6 hours of incoming college credit
- Completion of a student application.

Students beginning their third semester at Ouachita:

- 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	Freshman Research Experience or	2-5
BIOL 1014,1201	General Biology I & Freshman Research Experience	
BIOL 2014	Human Anatomy & Physiology I	4
BIOL 2024 BIOL 3683	Human Anatomy & Physiology II Bioinformatics	3
BIOL 4002	Research Capstone	2
BIOL 4054	Genetics (Prerequisite: MATH 2014 or 2063)	4
BIOL 3014	Microbiology or	
BIOL 4064	Cell and Molecular Biology	4
BIOL 3163	Neurobiology <u>or</u>	3
BIOL 4013	Histology and Microtechniques	
BIOM 4601 TOTAL	Biomedical Sciences Experiences	1 27 20
		27-30
MINOR: CHEMIS		
CHEM 1004 & 10		8
CHEM 3004 & 310 CHEM	O4 Organic Chemistry I & II Chemistry Elective(s)	8 2-4
TOTAL	Chemistry Liective(s)	18-20
_	REA REQUIREMENTS	10-20
Choose one of the	·	
CHMM 3403	World Religions	
PHIL 3163	Death and Dying	3
PHIL 4013	Christian Ethics	
Choose one of the		
COMM 3033	Interpersonal Communication	•
COMM/CHMM 43 <sup>-</sup> MGMT 3043		3
Choose one of the	Organization Behavior and Management	
MATH 2014	Calculus I	
MATH 2063	Elementary Statistics	3-4
BIOL 3083	Biostatistics	
NSCI 2001	Health Professions Seminar	1
NSCI 4002	Medical Terminology	2
PSYC 1013 <u>or</u>	General Psychology <u>or</u>	3
SOCI 1003 Choose one of the	Introduction to Sociology	
PSYC/SOCI 3013		
PSYC 3093	Abnormal Psychology	3
SOCI 4073	Medical Sociology	
SERV 2000	TranServe (three semesters required)	0
CORE 2053	Composition II	3
ENGL 3013	Technical & Professional Writing	3
FINN 2003 PHYS 2024, 2034	Personal Finance  4 College Physics I & II or	
PHYS 2054, 2064	4 University Physics I & II	8
PHIL 1023	Logic	3
	Ionors Program (Required)	
	rs-designated CORE classes (or contracted	0
course for honor	s credit) (Hours counted in Core summary)	0
HNRS 31	Honors Seminar (taken twice)	2
HNRS 3001	Honors Directed Studies	1_
HNRS 498_	Honors Thesis	4
TOTAL		42-43
<b>ELECTIVES:</b> Ch Jr/Sr-level hours:	oose courses to total 120 hours, including 39	
ADDITIONAL EX	(PERIENCES (Not Coursework)	
Study Abroad Exp	perience (Taking courses at an international universit	y is
strongly suggeste 50 hours of clinical	l shadowing	
	nd one off-campus research presentation	
Apply for at least f	two off-campus research positions	
	CREDIT HOUR SUMMARY	
CORE		35-36
MAJOR		27-30
MINOR		18-20
	REA REQUIREMENTS	42-43
FI FCTIVES		_

122-129

**ELECTIVES** 

TOTAL