

# Ouachita Baptist University

Degree: BS

Major: BIOMEDICAL SCIENCES      Minor: CHEMISTRY

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 in Major)	--
CORE 3023	Scientific Connections (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.		
FLEXIBLE CORE		
Choose as indicated from each of the seven categories		
<b>Analytic and Quantitative Reasoning</b> (one course)		--
MATH	(Satisfied in Add'l Area Req)	
<b>Applied Skills</b> (One course)		--
COMM 1003	Fundamentals of Public Speaking	
FINN 2003	Personal Finance	
<b>Artistic Engagement</b> (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.		
<b>Civic Engagement in America</b> (One course)		3
PSCI 2013	American National Government	
HIST 2003	United States History to 1877	
HIST 2013	American Civilization	
<b>Intercultural Appreciation and Communication</b> (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	
<b>Physical Well-being</b> (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
<b>TOTAL Credit Hours for CORE Curriculum</b>		<b>38-39</b>

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.	

Year: 2017-2018

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 <u>OR</u> Field Course	Neuroscience Histology Infectious Disease** <u>OR</u> 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		
<b>TOTAL Credit Hours for Major</b>		<b>32-33</b>
MINOR: CHEMISTRY		Credit Hours
CHEM 1004 & 1014	General Chemistry I & II	8
CHEM 3004 & 3104	Organic Chemistry I & II	8
CHEM 4023	Biochemistry	3
<b>TOTAL Credit Hours for Minor</b>		<b>19</b>
ADDITIONAL AREA REQUIREMENTS:		
ENGL 3013	Technical & Professional Writing	3
MATH 2014 <u>OR</u> MATH 2063	Calculus I <u>OR</u> Elementary Statistics	3-4
NSCI 2001	Health Professions Seminar	1
NSCI 4002	Medical Terminology	2
PHYS 2024 & 2034 <u>OR</u> PHYS 2054 & 2064	College Physics I & II <u>OR</u> University Physics I & II	8
PSYC 1013 <u>OR</u> SOCI 1003	General Psychology <u>OR</u> Introduction to Sociology	3
PSYC 3013 <u>OR</u> SOCI 4073	Social Psychology <u>OR</u> 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	
<b>TOTAL Credit Hours Additional Area Requirements</b>		<b>23-24</b>

<b>Electives:</b> Choose courses to total 120 hours, including 39 Jr/Sr level hours.	<b>5-8</b>
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CREDIT HOUR SUMMARY	
<b>CORE</b>	<b>38-39</b>
<b>MAJOR</b>	<b>32-33</b>
<b>MINOR</b>	<b>19</b>
<b>ADDITIONAL AREA REQUIREMENTS</b>	<b>23-24</b>
<b>ELECTIVES</b>	<b>5-8</b>
<b>TOTAL</b>	<b>120+</b>