

Ouachita Baptist University

Degree: BS

Major: PROFESSIONAL CHEMISTRY

Year: 2017-2018

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 ¹ (Satisfied in Major)	0
CORE 3023	Scientific Connections ² (Satisfied in Major)	0
¹ Prerequisite: Completion of the Analytic & Reasoning Requirement.		
² Prerequisite: CORE 2334 Scientific Inquiry		
FLEXIBLE CORE		Credit Hours
Choose as indicated from each of the seven categories		
Analytic and Quantitative Reasoning (Satisfied in 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 (one course)		3
COMM 1003	Fundamentals of Public Speaking	
FINN 1003	Personal Finance	
Artistic Engagement (one course)		3
FINA 3113	Fine Art: Art	
FINA 3123	Fine Art: Music	
FINA 3133	Fine Art: Theatre	
Civic Engagement in America (one course)		3
PSCI 2013	American National Government	
SSCI 2113	American Civilization	
Intercultural Appreciation and Communication (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	
Physical Well-being (one course)		2-3
KIN 1002	Concepts of Wellness	
KIN 2073	Health and Safety	
LST 2013	Outdoor Leisure Pursuits	
EXPERIENTIAL CORE		Credit Hours
CHAP 1000	Chapel (7 credits required)	
FINA 4011	Arts Engagement Series	1
TOTAL Credit Hours for CORE Curriculum		38-39

MAJOR		Credit Hours
CHEM 1004	General Chemistry I	4
CHEM 1014	General Chemistry II	4
CHEM 2004	Quantitative Analysis	4
CHEM 3004	Organic Chemistry I	4
CHEM 3104	Organic Chemistry II	4
CHEM 3053	Physical Chemistry I	3
CHEM 3063	Physical Chemistry II	3
CHEM 3142	Instrumental Analysis	2
CHEM 3272	Experimental Techniques I	2
CHEM 4023	Biochemistry	3
CHEM 4033	Advanced Inorganic Chemistry	3
CHEM 4043*	Biochemistry II	3
CHEM 4272	Experimental Techniques II	2
CHEM 4511**	Directed Chemistry Research	1
* Elective		
**Research is waived upon completion of lab based Senior Thesis for those participating in the Honors Program.		
CHEM 4621	Senior Capstone Experience	1
TOTAL Credit Hours for Major		40-43

ADDITIONAL AREA REQUIREMENTS		
PHYS 2024 & 2034 <i>OR</i> PHYS 2054 & 2064	College Physics I & II <i>OR</i> University Physics I & II	8
MATH 2014	Calculus I	4
MATH 3202	Adv. Chemical Calculations	2
ENGL 3013	Technical & Professional Writing	3
TOTAL Credit Hours for Add'l Area Req's		17

MINOR: A minor of at least 18 hours must be completed in Mathematics, Physics, Computer Science, or Biology.	18+
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ELECTIVES: Choose elective courses to total at least 120 hours.	6-7
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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: 60 resident hours are required; 30 of last 36 hours must be taken at OBU	

CREDIT HOUR SUMMARY	
CORE	38-39
MAJOR	40-43
ADDITIONAL AREA REQUIREMENTS	17
MINOR (minimum)	18
ELECTIVES	6-7
TOTAL	120-123