

OUACHITA BAPTIST UNIVERSITY

Degree: B.A.

Major: Mathematics (Teaching Emphasis)

2017-18

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 by 1 st major)	0
CORE 3023	Scientific Connections ²	3
¹ Prerequisite: Completion of the Analytic & Quantitative Reasoning Requirement. ² Prerequisite: CORE 2334 Scientific Inquiry		
FLEXIBLE CORE		
Choose as indicated from each of the seven categories.		
Analytic & Quantitative Reasoning (Satisfied by major)		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 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, 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)		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
Total		42

[†] 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.	

MAJOR**		Credit Hours
MATH 1073	Discrete Mathematics I	3
MATH 2014	Calculus I	4
MATH 2024	Calculus II	4
MATH 2343	Fundamentals of Mathematical Proof	3
MATH 3003	Foundations of Geometry	3
MATH 3034	Calculus III	4
MATH 3053	Abstract Algebra I	3
MATH 3063	Probability & Statistics	3
MATH 3083	History of Mathematics	3
MATH 3093	Linear Algebra	3
MATH 4013	Methods in Secondary Mathematics	3
MATH 4883	Mathematics for Secondary Teachers	3
Total		39

^{**} Additional math courses may be needed to meet prerequisites for Calculus. These would increase total hours.

ADDITIONAL AREA REQUIREMENTS		Credit Hours
CSCI 1044	Programming I	4
CHEM 1004 <i>or</i> PHYS 205 4	General Chemistry I <i>or</i> University Physics I	4
Total		8

SECONDARY EDUCATION MAJOR		Credit Hours
Professional Education Requirements (28 hours)		
EDFN 1002	Introduction to Education	2
EDFN 2003	Foundations of Education	3
EDFN 2012	Instructional Technology	2
EDFN 2033	Professional Writing in Education (Satisfied by first major)	0
EDFN 2053	Child and Adolescent Development	3
EDFN 4083 [°]	Teaching Exceptional Learners	3
EDFN 4123 [°]	Learning Theories & Assessment Practices	3
EDFN 4402 ^{°°}	Student Teaching Seminar	2
EDFN 4405 ^{°°}	Student Teaching I	5
EDFN 4415 ^{°°}	Student Teaching II	5
Teaching Field Requirements (6 hours)		
SCED 3043	Secondary Methods & Classroom Mgmt.	3
SCED 4523 [°]	Practicum in Education Grades 7-12	3
Arkansas English as a Second Language (K-12) Endorsement (Optional)		
EDFN 2043	Teaching Students from Multilingual and Diverse Backgrounds	3
EDFN 3043	Second Language Acquisition	3
EDFN 3053	Methods of Teaching English as a Second Language	3
EDFN 4043	Second Language Assessment	3
Total		34-46

[°] Requires admission to the Teacher Education Program and Praxis II Test(s).

^{°°} Requires Praxis II: Principles of Learning and Teaching for graduation and licensure.

MINOR: The minor requirement is waived.	-
ELECTIVES: Choose courses to total 120 hours, including 39 Jr./Sr-level hours.	

CREDIT HOUR SUMMARY	
CORE	42
MAJOR	39
ADDITIONAL AREA REQUIREMENTS	8
2nd MAJOR (Secondary Education)	34-46
Total	123-135