OUACHITA BAPTIST UNIVERSITY

Degree: B.A. **Major: Mathematics** **2018 – 19**

COMMON CORE All students take the following courses.		Credit Hours
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]	3
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)		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
	Total	**45-46**

† 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
Choose two of the following:		
MATH 3003	Foundations of Geometry	
MATH 3053	Abstract Algebra I	6
MATH 3093	Linear Algebra	
MATH 4023	Introduction to Real Analysis	
MATH 4463	Mathematical Scholarship	3
Nine additional MATH hours, including six at Jr/Sr level		9
	Total	**32**

**Additional math courses may be needed to meet prerequisites for Calculus. These would reduce elective hours.

ADDITIONAL AREA REQUIREMENTS		
CSCI 1044	Programming I	4
	Total	**4**

MINOR: Minimum 18 hours. (See specific requirements)	**18+**

ELECTIVES: Choose courses to total 120 hours, including 39 Jr/Sr-level hours.	**20-21**

CREDIT HOUR SUMMARY	
CORE	45-46
MAJOR	32
ADDITIONAL AREA REQUIREMENTS	4
MINOR (minimum)	18
ELECTIVES	20-21
Total	**120**