OUACHITA BAPTIST UNIVERSITY

Degree: B.A.   **Major: Computer Science**   **2021 – 2022**

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 2233	World Literature	3
CORE 2243	History of World Societies	3
CORE 2334	Scientific Inquiry[1] (Satisfied by Additional Area Requirements)	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 (One course*) (Satisfied by 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 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	**41-42**

† 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
CSCI 1044	Programming I	4
CSCI 1053	Programming II	3
CSCI 2103	Data Structures	3
CSCI 4303 or CSCI 4103	Capstone – Internship or Capstone – Project	3
CSCI ___3	Computer Science elective	3
CSCI ___3	Computer Science elective	3
CSCI ___3	Computer Science elective	3
CSCI 4601	Senior Capstone	1
	Total	**23**

EMPHASIS REQUIREMENT – Choose One of the Following Areas		
Theory Emphasis (12 hours)		
CSCI 3093	Computer Organization	3
CSCI 3463	Software Engineering	3
CSCI 4023	Programming Languages	3
CSCI 4043	Algorithm Design and Analysis	3
Applied Emphasis (12 hours)		
CSCI 2113	Internet Development	3
CSCI 3053	Computer Networks	3
CSCI 3463	Software Engineering	3
CSCI 4033	Database Management Systems	3
Game and Mobile Development Emphasis (12 hours)		
CSCI 2113	Internet Development	3
CSCI 3103	Video Game Development	3
CSCI 3113	Artificial Intelligence	3
CSCI 3123	Mobile Application Development	3
		12

ADDITIONAL AREA REQUIREMENTS		
MATH 1103	Introduction to Cryptology	3
MATH 2073	Discrete Mathematics II	3
ENGL 3013	Technical & Professional Writing	3
PHIL 4013 BUAD 4083	Christian Ethics or Business Ethics	3
	Total	**12**

MINOR: Minimum 18 hours.	18

ELECTIVES: Choose courses to total 120 hours, including 39 Jr/Sr-level hours.	13-14

CREDIT HOUR SUMMARY	
CORE	**41-42**
MAJOR	**35**
ADDITIONAL AREA REQUIREMENTS	**12**
MINOR (minimum)	**18**
ELECTIVES	**13-14**
Total	**120**

July 16, 2021