

Bachelor of Arts in Computer Science	
MAJOR REQUIREMENTS/COMPUTER SCIENCE: 45 Credits	Credits
CS-104: Introduction to Problem Solving and Software Development	3.0
CS-175: Introduction to Computer Science I	3.0
CS-175L: Introduction to Computer Science I Lab	1.0
CS-176: Introduction to Computer Science II	3.0
CS-176L: Introduction to Computer Science II Lab	1.0
CS-205: Data Structures and Algorithms	3.0
CS-205L: Data Structures and Algorithms Lab	1.0
CS-286: Computer Architecture I	3.0
CS-325: Software Engineering Concepts	3.0
CS-310: Advanced Object Oriented Programming/Design	3.0
CS-432: Database Systems	3.0
CS-438: Operating Systems Analysis	3.0
CS-492A: Computer Science Senior Project A	3.0
CS-492B: Computer Science Senior Project B	3.0
Take 6 Credits of Computer Science (CS) at the 200+ level: CS-200+: <u>(See Exceptions*)</u> CS-200+: <u>(See Exceptions*)</u> *Except the following courses: CS-288, CS-388, CS-488	6.0
Take 3 Credits of Computer Science (CS) at the 400+ level: CS-400+: <u>(Except CS-488)</u>	3.0
INTERDISCIPLINARY REQUIREMENTS: 7 Credits	Credits
MA-130: Discrete Math	3.0
Take 4 Credits of Mathematics (MA) from the following courses: MA-109: Pre-calculus Mathematics or MA-xxx*: _____ *(except MA-100, MA-101, MA-103, MA-105, MA-107, MA-120, MA-130, MA-203, MA-204, or MA-237)	4.0
FREE ELECTIVES: 37 Credits	Credits
_____	37.0

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GENERAL EDUCATION REQUIREMENTS: 39 Credits		Credits
First Year Seminar	FY-101: First Year Seminar	3.0
Reading and Writing	EN-101: College Composition I	3.0
	EN-102: College Composition II	3.0
Mathematics	Fulfilled in Interdisciplinary Requirements with MA-109 or higher	0.0
Natural Sciences	6 Credits from subjects BY, CE, PH, or SC	6.0
Literature	3 Credits from courses designated with Course*Type: LIT	3.0
Aesthetics and Creativity	3 Credits from Art, Music, Theatre, or Dance	3.0
Technological Literacy	Fulfilled in Major Requirements with CS-104	0.0
Reasoned Oral Discourse	Fulfilled in Interdisciplinary Requirements with CS-492A & CS-492B	0.0
Historical Perspective	3 Credits from courses designated with Course*Type: HS.SV	3.0
Social Science	3 Credits from courses designated with Course*Type: SS.SV	3.0
Historical Perspective/Social Sciences	3 Credits from courses designated with Course*Type: HS.SV or 3 Credits from courses designated with Course*Type: SS.SV	3.0
Interdisciplinary Perspectives	3 Credits from courses designated with Course*Type: ISP	3.0
Cultural Diversity and Global Understanding or Foreign Language	3 Credits from courses designated with Course*Type: CD and 3 Credits from courses designated with Course*Type: GU or 6 Credits from the SAME foreign language	6.0
Experiential Education	One course designated with Course*Type: EX	0.0
Writing Intensive	Two courses from Computer Science (CS) designated with Course*Type: WT	0.0
		0.0

Minimum Credits for Bachelor of Arts in Computer Science = 128.0

NOTES:

* 58 credits must be completed at the 200 level or higher.