

BS-COMPUTER SCIENCE  
2017-2018

Year 1	Semester 1 Fall	Semester 2 Spring	Summer	Total
	CSCI 1470 Computer Science 4	CSCI 1471 Computer Science II 4		
	HIST 1301 or POLS 2305 US History I or Federal Government 3	HIST 1302 or POLS 2306 US History II or Texas Government 3		
	MATH 2413 Calculus I 4	MATH 2414 Calculus II 4		
	WRIT 1301 Composition I 3	WRIT 1302 Composition II 3		
	PSYC 1100 Learning Frameworks 1			
	Semester Hours 15	14	0	29
Year 2	Semester 1 Fall	Semester 2 Spring	Summer	Total
	CSCI 2315 Data Structures 3	CORE Social Behavioral Science 3		
	HIST 1301 or POLS 2305 US History I or Federal Government 3	COMM 1315 Public Speaking 3		
	MATH 2305 Discrete Mathematics 3	HIST 1302 or POLS 2306 US History II or Texas Government 3		
	PHYS 2325 & PHYS 2125 University Physics I & Lab I 4	MATH 2320 Differential Equations 3		
	CORE Language, Philosophy & Culture 3	PHYS 2326 & 2126 University Physics II & Lab II 4		
	Semester Hours 16	16	0	32

Year 3	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	CHEM 1311 & CHEM 1111 General Chemistry I & Lab	4	CENG 3331 & CENG 3131 Introduction to Telecommunications and Networks + Lab	4		
	CENG 3312 & CENG 3112 Digital Circuits & Lab	4	CSCI 3321 Numerical Methods	3		
	MATH 2318 Linear Algebra	3	STAT 3334 Probability & Statistics for Scientists & Engineers	3		
	CSCI 3331 Computer Organization & Assembly Language	3	SWEN 4342 Software Engineering	3		
	CSCI 3352 Advanced Data Structures	3	3000-4000 level Approved CSCI/CINF elective *	3		
	Semester Hours	17	16	0	33	
Year 4	Semester 1 Fall	Semester 2 Spring	Summer	Total		
	CORE Creative Arts	3	CENG 3351 & CENG 3151 Computer Architecture & Lab	4		
	CSCI 4333 Design of Database Systems	3	CSCI 4354 Operating Systems	3		
	WRIT 3315 Technical Writing	3	CSCI 4388 Senior Project in Computer Science	3		
	3000-4000 level Approved CSCI/CINF elective *	3	3000-4000 level Approved CSCI/CINF elective *	3		
	3000-4000 level Approved CSCI/CINF elective *	3				
	Semester Hours	15	13	0	28	
	Total Plan Hours				122	

\* CSCI 3311 (Programming with Visual Basic) will not count as an approved elective

- State of Texas Core Curriculum Course. Please refer to the 2016-2017 UHCL Undergraduate Catalog ([www.uhcl.edu/catalog](http://www.uhcl.edu/catalog)) for approved options.
- This document is only intended as a guide. Please see an academic advisor for assistance with academic planning.

