COLLEGE OF SCIENCE AND ENGINEERING
BACHELOR OF SCIENCE, COMPUTER SCIENCE
FOUR-YEAR PATHWAY
FOR Honors College Students

1ST YEAR

FALL	SCHs	SPRING	SCHs
FYS 1300 Freshman Year Seminar*	3	ENGL 1323 English Comp & Literature II	3
ENGL 1313 English Comp & Literature	3	ENSC 1412 Engineering and Cyber Projects II	4
ENSC 1411 Engineering and Cyber Projects I	4	COSC 1352 Intermediate Computer Programming	3
COSC 1351 Introduction to Computer Programming	3	MATH 1451/1051 Calculus I with Lab	4
MATH 1434/1034 Precalculus with Lab**	4		
Semester Credit Hours	17	Semester Credit Hours	14
Total Semester Credit Hours (Year 1)			**31**

2ND YEAR

FALL	SCHs	SPRING	SCHs
HNRS 1310 Walking to Piraeus	3	HNRS 1640 Roads to Rome	6
HNRS 1060 Honors Lecture II	0	HNRS 1060 Honors Lecture II	0
PHYS 2413/2013 Principles of Physics I with Lab	4	PHYS 2423/2023 Principles of Physics II with Lab	4
COSC 2351 Data Structures	3	COSC 2353 Operating Systems	3
COSC 2355 Database Management Systems	3	COSC 2454 Adv Data Structures, Algorithms & Programming	4
MATH 1452/1052 Calculus II with Lab	4		
Semester Credit Hours	17	Semester Credit Hours	17
Total Semester Credit Hours (Year 2)			**65**

3RD YEAR

FALL	SCHs	SPRING	SCHs
HNRS 2610 Faith, Reason & Romance	6	HNRS 2640 Enlightenment & Modernity	6
HNRS 2030 Honors Lecture III	0	HNRS 2060 Honors Lecture IV	0
COSC 3341 Computer Architecture	3	MATH 2323 Linear Algebra	3
COSC 3342 Computer Networks	3	CYEN 3331 Computer Network Security	3
MATH 3311 Introduction to Discrete Math	3	MATH 3314 Probability and Statistics	3
COSC 4381 Data Analytics	**3**	MATH 3111 Advanced Topics in Math	1
Semester Credit Hours	18	Semester Credit Hours	16
Total Semester Credit Hours (Year 3)			**99**

4TH YEAR

FALL	SCHs	SPRING	SCHs
HNRS 3610 The Last 200 Years	6	HNRS 3640 The Story of Scripture	6
HNRS 3030 Honors Lecture V	0	HNRS 3060 Honors Lecture VI	0
ENSC 4315 Internship/Professional Experience	3	CYEN 4331, 4332, 4333, 4335, 4337, 4352, 4381, 4391	3
COSC 4352 Software Design & Engineering	3	ENSC 4312 Senior Project II	3
CYEN 4331, 4332, 4333, 4335, 4337, 4352, 4381, 4391	3	COSC 3352 Theory of Computing	**3**
ENSC 4311 Senior Project I	3	COSC 3354 Web Application Programing	**3**
Semester Credit Hours	18	Semester Credit Hours	18
Total Semester Credit Hours (Year 4)			**135***

***Includes ENSC 4315 Internship/Professional Experience taken summer between 2nd/3rd or 3rd/4th years

Advising Notes for Students:
This document is for course planning purposes only.
Please refer to the official degree plan and consult with your academic advisor for full degree requirements.
*FYS 1300 (freshmen only) - University requirement for all students entering with less than 32 completed semester hours of credit. These 3 hours may not count in the total degree hours.
**MATH 1434/1034 does not count in the total degree hours.

Houston Christian UNIVERSITY