



HOUSTON CHRISTIAN UNIVERSITY DEGREE PLAN
BACHELOR OF SCIENCE (BS) IN COMPUTER SCIENCE WITH HONORS COLLEGE CORE
CATALOG YEAR: 2024-2025

NAME: _____ H#: _____ DATE: _____

Candidates for a single major undergraduate baccalaureate degree must complete a total of at least 129 credit hours along with the following requirements:

- No fewer than 30 semester hours of upper-level (3000 or 4000) courses.
- No more than 6 credit hours in Kinesiology activity courses or other student activity hours will count towards the 129-credit hour requirement.
- Complete the Honors Core Requirements
- Complete a minimum of 30 hours or 25% of the required hours, whichever is greater, of residency at HCU including at least 12 upper-level hours in the major.
- Cumulative GPA of at least 2.00 with no grade below "C" in courses required for the major.
- If completing a MINOR, at least 9 upper-level hours of residency at HCU included in the minor with a grade of "C" or higher in all courses.

Once admitted and enrolled at HCU, each student MUST:

- Receive prior approval for any courses taken at another institution (up to 18 total credit hours only).
- File a degree plan with the Office of Academic Records before 60 credit hours have been completed.
- File an application to graduate at least one (1) semester before anticipated date of graduation.

HONORS COLLEGE CORE REQUIREMENTS: *Course must be completed with a "C" or higher

COURSE	HOURS	COURSE	HOURS
*ENGL 1313 Composition & Literature I or HNRS 1313 Honors Composition I	3	HNRS 2640 Enlightenment & Modernity: 1600-1800	6
*ENGL 1323 Composition & Literature II or HNRS 1323 Honors Composition II	3	HNRS 2060 Honors Lecture IV	0
MATH 1451 Calculus I	4	HNRS 3610 The Last Two Hundred Years: 1800 to Present	6
HNRS 1310 Walking to Piraeus: The Ancient Greek World	3	HNRS 3030 Honors Lecture V	0
HNRS 1030 Honors Lecture	0	HNRS 3130 Honors Science Readings	1
HNRS 1640 All Roads Lead to Rome: The Ancient Roman & Early Christian Worlds	6	HNRS 3640 The Story of Scripture: The Biblical Narrative from Genesis to Revelation	6
HNRS 1060 Honors Lecture II	0	HNRS 3060 Honors Lecture VI	0
HNRS 2610 Faith, Reason & Romance: The Medieval & Renaissance Worlds	6	PHYS 2413 Principles of Physics I	4
HNRS 2030 Honors Lecture III	0	TOTAL HOURS IN HONORS COLLEGE CORE	48

MATH AND SCIENCE REQUIREMENTS: All courses must be completed with a "C" or higher

COURSE	HOURS	COURSE	HOURS
MATH 1451 Calculus I	Honors College Core	ENSC 1411 Engineering & Cyber Projects I	4
MATH 1452 Calculus II	4	ENSC 1412 Engineering & Cyber Projects II	4
MATH 3311 Introduction to Discrete Mathematics	3	MATH 3314 Probability & Statistics	3
MATH 2323 Linear Algebra	3	MATH 3111 Advanced Topics	0
PHYS 2413 Principles of Physics I	Honors College Core		
PHYS 2423 Principles of Physics II	4		
		TOTAL MATH AND SCIENCE REQUIREMENTS	26

MAJOR REQUIREMENTS: All courses within major must be completed with a "C" or higher

COURSE #	COURSE NAME	HOURS
ENSC 4311	Senior Project I	3
ENSC 4312	Senior Project II	3
ENSC 4315	Internship/Professional Experience	3
COSC 1351	Introduction to Computer Programming	3
COSC 1352	Intermediate Computer Programming	3
COSC 2351	Data Structures	3
COSC 2355	Database Management Systems	3
COSC 2353	Operating Systems	3
CYEN 3331	Computer Network Security	3
COSC 3341	Computer Architecture	3
COSC 3352	Theory of Computing	3
COSC 3354	Web Application Programming	3
COSC 3342	Computer Networks	3
COSC 4352	Software Design & Engineering	3
COSC 4381	Data Analytics	3
COSC 2454	Advanced Data Structures, Algorithms, & Programming	4
CYEN Elective	6 credit hours from CYEN 4331, CYEN 4332, CYEN 4333, CYEN 4337, CYEN 4352, CYEN 4391, or CYEN 4335	6
	TOTAL HOURS IN MAJOR	55
	TOTAL HOURS IN DEGREE	129

OTHER GRADUATION REQUIREMENTS:

- Community Life and Worship (CLW) points: 80 credits required for graduation (at least 50 points must be CLW-A earned through worship events, up to 30 points may be CLW-B earned through community life events).
- FYS 1300 Freshman Year Seminar is required for all students enrolling at HCU with fewer than thirty (30) completed semester hours. College credit earned prior to high school graduation does not count toward the 30-hour requirement. Students enrolled in 100% online degree programs will take a three-hour course, ONLN 1300 Introduction to Online Learning, in place of FYS 1300.

BY SIGNING BELOW, YOU ACKNOWLEDGE THAT YOU HAVE READ AND AGREE TO ABIDE BY ALL REQUIREMENTS ON THE DEGREE PLAN. THIS DEGREE PLAN IS NOT VALID UNTIL RECEIVED & PROCESSED BY THE OFFICE OF ACADEMIC RECORDS.

STUDENT SIGNATURE _____ DATE _____

DEAN OF COLLEGE _____ DATE _____

ACADEMIC ADVISOR _____ DATE _____

<i>Office of Academic Records Use Only</i>	
Processed by: _____	Date: _____