HOUSTON CHRISTIAN UNIVERSITY DEGREE PLAN
BACHELOR OF SCIENCE IN CYBERSECURITY
CATALOG YEAR: 2024-2025

NAME: _____   H#: _____   DATE: _____

Candidates for a single major undergraduate baccalaureate degree must complete a total of at least 123 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 123-credit hour requirement.
- Complete the Liberal Arts Core Requirements (certain majors may have specific requirements for Liberal Arts Core – please see your advisor)
- 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.

LIBERAL ARTS CORE REQUIREMENTS: *Course must be completed with a "C" or higher

COURSES	HOURS	COURSES	HOURS
*ENGL 1313 Composition & Literature I	3	*MATH 1434 Pre-Calculus (or higher)	4
*ENGL 1323 Composition & Literature II	3	PHYS 2413/2013 Principles of Physics I with lab	4
ENGL 2315 or 2325 Great Works of Literature I or II	3	GOVT 2313 American & Texas Government	3
PSYC 1313 General Psychology	3	HIST 2311 Western Civilization I	3
PHIL 1313 Introduction to Philosophy	3	Additional History Course (Choose 1): HIST 2312, HIST 2313, HIST 2323	3
CHRI 1301 Introduction to the Bible	3	ART 2343 Art Appreciation or MUSI 1331 Music Appreciation	3
CHRI 2373 Christian Theology & Tradition	3	COMM 1323 Rhetoric & Public Speaking	3
		TOTAL HOURS IN LIBERAL ARTS CORE	44

Students transferring to Houston Christian University with 45 or more hours of transferable college credit are only required to take CHRI 3300, Introduction to Bible and Theology, to meet their Liberal Arts Core Curriculum Christianity requirements.

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

COURSE #	COURSE NAME	HOURS
MATH 1451	Calculus I	4
MATH 3311	Introduction to Discrete Mathematics	3
MATH 3314	Probability & Statistics	3
	TOTAL MATH AND SCIENCE REQUIREMENTS:	10

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

COURSE #	COURSE NAME	HOURS
COSC 1351	Introduction to Computer Programming	3
COSC 1352	Intermediate Computer Programming	3
CYSC 1331	Introduction to Cybersecurity	3
COSC 2351	Data Structures	3
CYSC 2311	System Administration	3
CYSC 2312	Cloud Architecture	3
CYSC 2321	Mobile/Wireless Computing	3
COSC 2353	Operating Systems	3
COSC 2355	Database Management Systems	3
COSC 3342	Computer Networks	3
CYEN 3321	Ethical Hacking	3
CYEN 4331	Digital Forensics & Cyber Crime	3
CYEN 3331	Computer Network Security	3
CYEN 3332	Ethics and Cyber Warfare	3
CYSC 4336	Risk Management & Analysis	3
CYEN 4337	Security Operations	3
ENSC 4311	Senior Project I	3
COSC 4381	Data Analytics	3
ENSC 4312	Senior Project II	3
CYEN 4333	Reverse Engineering	3
CYEN 4335	Applied Cryptography	3
ENSC 4315	Internship/Professional Experience	3
CYEN or COSC	Choose 3 credit hours from any 3000- or 4000-level CYEN or COSC course not currently on the degree plan	3
	TOTAL HOURS IN MAJOR	69
	TOTAL HOURS IN DEGREE	123

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

Office of Academic Records Use Only
Processed by: _____   Date: _____