HOUSTON CHRISTIAN UNIVERSITY DEGREE PROGRAM PLAN
HONORS COLLEGE- BACHELOR OF SCIENCE (BS)
Computer Science Major

CATALOG YEAR OF CORE: **2023/2024**
CATALOG YEAR OF MAJORS: _____

NAME: _____ H# _____ DATE: _____

Candidates for a **single major undergraduate baccalaureate degree must complete the following requirements:
- **Complete a total of at least 128 credit hours with**:
- No fewer than 30 semester hours of upper / advanced level (3000 or 4000) courses.
- All 40 credit hours of **Honors College Core Requirements.**
- A maximum of 6 credit hours in Kinesiology activity courses or other student activity hours counting toward the 128 credit total.
- If completing a MINOR; at least 9 upper level hours of RESIDENCY at HCU included in the MINOR w/grade of C or better in all courses.
- Complete a minimum of 30 hours or 25% of the required hours, whichever is greater, of residency at HCU including at least 12 advanced credit hours in the major.
- Cumulative GPA of at least 2.00 with no grade below "C" in courses required for the major or minor.
- **Once admitted to HCU, each student must**:
- Receive prior approval for any courses taken at another college. (Max 18 transfer credit hours after student has matriculated at HCU. Also, NO classes may be taken at a two-year institution once a student has accumulated 64 semester hours of post-secondary credits.)
- File a degree plan with the Office of Academic Records before 64 credit hours have been completed.
- File a graduation application at least one (1) semester before your anticipated date of graduation.

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

Honors College Core Requirements

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

COURSE NO.	COURSE NAME	HOURS
	MATH AND SCIENCE REQUIREMENTS:	
MATH 1451	Calculus I	Honors College Core
MATH 1452	Calculus II	4
MATH 3311	Discrete Math	3
MATH 2451	Calculus III	4
MATH 2323	Linear Algebra	3
PHYS 2413	Principles of Physics I	Honors College Core
PHYS 2423	Principles of Physics II	4
CHEM 2415 or BIOL 2454	General Chemistry I or General Biology I	4
	TOTAL MATH AND SCIENCE REQUIREMENTS (In addition to the Honors College Core)	**22**

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

COURSE NO.	COURSE NAME	HOURS
ENSC 1411	Engineering and Cyber Projects I	4
ENSC 1412	Engineering and Cyber Projects II	4
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 2454	Advanced Data Structures, Algorithms, and Programming	4
COSC 3352	Theory of Computing	3
COSC 3354	Web Application Programming	3
COSC 3342	Computer Networks	3
COSC 4352	Software Design and Engineering	3
CYEN 4335	Applied Cryptography	3
ELECTIVES	3 hours from CYEN 4331, CYEN 4332, CYEN 4333, CYEN 4337, CYEN 4352, CYEN 4381, CYEN 4391	3
	Total Hours in Major	**60**
	TOTAL HOURS IN DEGREE	**130**

OTHER GRADUATION REQUIREMENTS

Any departmental Exit Exams

Community Life & Worship (CLW): 80 credits by graduation (Worship events-at least 50 credits & Community Live Events-no more than 30 credits)

Freshman Year Seminar, FYS 1300, is required for all students entering with less than thirty (30) completed semester hours. College credit earned prior to high school graduation does not count toward the 30-hour credit.100% online students will take a three -hour course, **ONLN 1300** Introduction to Online Learning, in place of FYS 1300.

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APPROVED BY:

_____
ADVISOR   DATE

I HAVE READ AND AGREE TO ABIDE BY ALL REQUIREMENTS ON THE DEGREE PLAN

_____
STUDENT SIGNATURE   DATE

THIS DEGREE PLAN IS NOT VALID UNTIL RECEIVED & PROCESSED BY THE OFFICE OF ACADEMIC RECORDS

_____
DEAN OF COLLEGE   DATE

_____
DEAN OF HONORS COLLEGE   DATE

PROCESSED BY _____ DATE _____

(Revised 6/1/2023: HONORS CORE w/ Comp Science)