



HOUSTON CHRISTIAN UNIVERSITY DEGREE PLAN
BACHELOR OF SCIENCE (BS) IN ELECTRICAL ENGINEERING TECHNOLOGY
CATALOG YEAR: 2026-2027

NAME: _____ H#: _____ DATE: _____

Candidates for a single major undergraduate baccalaureate degree must complete a total of at least 124 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 124-credit hour requirement.
- Complete the Liberal Arts 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.

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

COURSES	HOURS	COURSES	HOURS
*ENGL 1313 Composition and Literature I	3	*MATH 1313 College Algebra	3
*ENGL 1323 Composition and Literature II	3	PHYS 1416/1016 General 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 (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	43

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 1313	College Algebra	LACC
MATH 1434	Precalculus	4
MATH 2411	Applied Mathematics I	4
MATH 2412	Applied Mathematics II	4
PHYS 1416	General Physics I	LACC
PHYS 1417	General Physics II	4
	TOTAL MATH AND SCIENCE REQUIREMENTS	16

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

COURSE #	COURSE NAME	HOURS
ENSC 1311	Introduction to Engineering	3
ENSC 1411	Engineering and Cyber Projects I	4
ENSC 1412	Engineering and Cyber Projects II	4
ENSC 4315	Internship/Professional Experience	3
ELET 2341	Computer Aided Drawing	3
ELET 2342	Introduction to Digital Design	3
ELET 2321	Circuits I	3
ELET 3322	Circuits II	3
ELET 3323	Circuits III	3
ELET 3331	Microprocessors	3
ELET 3332	Instrumentation	3
ELET 3341	PLC Programming and Control Systems I	3
ELET 4342	Control Systems II	3
ELET 3351	Electric Machines and Renewable Energy	3
ELET 3361	Electronics I	3
ELET 4362	Electronics II	3
ELET 4331	Power Systems I	3
ELET 4332	Power Systems II	3
ELET 4321	Senior Project I	3
ELET 4322	Senior Project II	3
IS 4311	Project Management	3
	TOTAL HOURS IN MAJOR	65
	TOTAL HOURS IN DEGREE	124

OTHER GRADUATION REQUIREMENTS:

- Community Life and Worship (CLW) credits: 80 credits required for graduation (at least 50 credits must be CLW-A earned through worship events, up to 30 credits 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 _____

ACADEMIC ADVISOR _____

DATE _____

Office of Academic Records Use Only

Processed by: _____ Date: _____