

Bachelor of Science (BS) Electrical Engineering with Honors College Core 2026-2027 Official Degree Plan

Honors College Core Curriculum (HC) Requirements

COURSES	HOURS
HNRS 1410 Honors Chronology: Ancient	4
HNRS 1020 Honors Writing I	0
HNRS 1030 Honors Lecture I	0
HNRS 1440 Honors Chronology: Medieval	4
HNRS 1380 Honors Topics: Faith, Reason, and Romance	3
HNRS 1050 Honors Writing II	0
HNRS 1060 Honors Lecture II	0
HNRS 2410 Honors Chronology: Early Modern	4
HNRS 2300 Honors Topics: Theology and Psychology	3
HNRS 2020 Honors Writing III	0
HNRS 2030 Honors Lecture III	0
HNRS 2440 Honors Chronology: The Last 300 Years	4
HNRS 2050 Honors Writing IV	0
HNRS 2060 Honors Lecture IV	0
HNRS 3410 Honors Topics: Life and Death	4
HNRS 3380 Honors Topics: Natural Philosophy	3
HNRS 3020 Honors Writing V	0
HNRS 3030 Honors Lecture V	0
HNRS 3740 The Story of Scripture: The Biblical Narrative from Genesis to Revelation	7
HNRS 3050 Honors Writing VI	0
HNRS 3060 Honors Lecture VI	0
Choose two courses from the following. If HNRS 2150: Honors Art is not taken, then HNRS 2100: Honors Readings may be repeated for credit.	2
HNRS 2100 Honors Readings	
HNRS 2150 Honors Art	
PHYS 2413 Principles of Physics I	4
MATH 1451 Calculus I*	4
Total Honors College Core Hours	46

* Course must be completed with "C" or higher

Math and Science Requirements

(all courses required for major must be completed with "C" or higher)

COURSES	HOURS
MATH 1451 Calculus I	LACC
MATH 1452 Calculus II	4
MATH 2451 Calculus III	4
MATH 3314 Probability and Statistics	3
MATH 3333 Ordinary Differential Equations	3
COSC 1351 Introduction to Computer Programming	3
COSC 1352 Intermediate Computer Programming	3
PHYS 2413 Principles of Physics I	LACC
PHYS 2423 Principles of Physics II	4
CHEM 2315/2115 General Chemistry I with Lab or BIOL 2354/2154 General Biology I with Lab	4
Total Math and Science Hours	28

Major Requirements

(all courses required for major must be completed with "C" or higher)

COURSES	HOURS
ENSC 1411 Engineering and Cyber Projects I	4
ENSC 1412 Engineering and Cyber Projects II	4
ENSC 2361 Electrical Engineering and Circuits	3
ENSC 4311 Senior Project I	3
ENSC 4312 Senior Project II	3
ENSC 4315 Internship/Professional Experience	3
ELEN 2342 Introduction to Digital Design	3
ELEN 3325 Electric and Magnetic Fields	3
ELEN 3342 Digital Signal Processing	3
ELEN 3360 Electrical Circuits II	3
ELEN 3361 Linear Systems	3
ELEN 3363 Electronic Circuits	3
ELEN 3364 Electronic Circuits II	3
ELEN 3374 Automatic Control Systems	3
ELEN 4341 Embedded Systems	3
ELEN 4374 OT Networks	3
CYEN 4374 OT Network Security	3
Total Major Hours	53
Total Hours in Degree	127

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Additional Graduation Requirements

1. At least 127 total credit hours, including 30 credit hours of upper-level (3000 or 4000) courses.
2. 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). CLW events offered each semester are listed on the [Spiritual Life CLW website](#).
3. FYS 1300 Freshman Year Seminar is required for all students enrolling at HCU with fewer than thirty (30) credit hours. College credit earned prior to high school graduation (e.g., dual credit) does not count toward the 30-hour requirement. Students enrolled in 100% online degree programs will take ONLN 1300 Introduction to Online Learning in place of FYS 1300.
4. At least 30 credit hours or 25 percent of the total credit hours required for an undergraduate degree (whichever is greater) must be earned at HCU, including at least 12 credit hours of upper-level courses in the major with a grade of "C" or better in each course.
5. Cumulative GPA of at least 2.00 with no grade below "C" in courses required for the major or as noted on the degree plan.
6. Once admitted and enrolled at HCU, no more than 18 credit hours may be transferred from another institution. Students should consult with their academic advisor prior to enrolling in courses at another institution.

Filing a Degree Plan

All undergraduate students must have an official signed and approved degree plan on file with the Office of Academic Records by the time they complete 64 credit hours. Students should contact their academic advisor to begin the process. If seeking a double degree, double major, minor, or certificate, an official degree plan must be filed for each program of study. For questions, email degreeplans@HC.edu.

Applying for Graduation

Undergraduate students should apply for graduation through the HCU student self-service portal at least one semester before their anticipated graduation date. An official degree plan must be on file before the application can be accessed. More information about applying for graduation, including deadlines, can be found on the [Graduation Application website](#). For questions, email grad@HC.edu.

Degree Works

Access Degree Works through the [HCU Student Portal \(my.HC.edu\)](#) to view your degree plan status, graduation application status, and track your progress to graduation. For questions, contact your academic advisor.

University Catalog

The University Catalog is the official record of academic policies. Students are responsible for familiarizing themselves with the information in the catalog, including attendance policies, transfer credit policies, academic standing information, and course descriptions. The catalog can be found on the [HCU Catalog website](#).

Acknowledgment and Signatures

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 and processed by the Office of Academic Records.

Student Name (Printed)

Student H#

HCU Email

Student Signature

Date

Advisor Signature

Date

Office of Academic Records Use Only

Processed By: _____

Date: _____