Houston Christian UNIVERSITY | THE HONORS COLLEGE

Electrical Engineering with Honors College Core

	Fall	Spring
Year 1	**ENGL 1313** Composition and Literature I	**ENGL 1323** Composition and Literature II
	MATH 1451 Calculus I	**MATH 1452** Calculus II
	FYS 1300 First-Year Seminar (FYS)	**CHEM/BIOL 2415/2454** Science Elective
	ENSC 1411 Engineering and Cyber Projects I	**ENSC 1412** Engineering and Cyber Projects II
	COSC 1351 Introduction to Computer Programming	**COSC 1352** Intermediate Computer Programming
Year 2	**HNRS 1610** Walking to Piraeus	**HNRS 1640** All Roads Lead to Rome
	HNRS 1030 Honors Lecture I	**HNRS 1060** Honors Lecture II
	PHYS 2413 Principles of Physics I	**PHYS 2423** Principles of Physics II
	MATH 2451 Calculus III	**ELEN 2341** Intro to Microprocessors & Digital Design
	ENSC 2361 Electrical Engineering and Circuits	**ELEN 2362** Electrical Circuits II
Year 3	**HNRS 2310** Faith, Reason, & Romance	**HNRS 2640** Enlightenment & Modernity
	HNRS 2030 Honors Lecture III	**HNRS 2060** Honors Lecture IV
	MATH 2323 or MATH 3311 Linear Alg. or Discrete Math	**MATH 3333** Ordinary Differential Equations
	ELEN 2325 Electrical and Magnetic Fields	**ELEN 3342** Digital Signal Processing
	ELEN 3361 Linear Systems	**ELEN 3362** Solid State Electronics
	CYEN 3331 Computer Network Security	
Year 4	**HNRS 3610** The Last Two Hundred Years	**HNRS 3640** The Story of Scripture
	HNRS 3030 Honors Lecture V	**HNRS 3060** Honors Lecture VI
	HNRS 3130 Honors Science Readings	**ENSC 4312** Senior Project II
	ENSC 4311 Senior Project I	**ELEN 4341** Embedded Systems
	ELEN 4372 Communication Systems	**ELEN 4373** Control / SCADA System
	CYEN 4333 Reverse Engineering	

*In addition to the course schedule above, students will need to complete three hours of ENSC 4315: Internship/Professional Experience in order to earn their degree. It is recommended that this internship take place during the summer between either the second and third or the third and fourth academic years.