



Cyber Engineering with Honors College Core:

Fall

Year 1 ENGL 1313 Composition and Literature I
MATH 1451/1051 Calculus I with Lab
FYS 1300 First-Year Seminar (FYS)
ENSC 1411 Engineering and Cyber Projects I
COSC 1351 Introduction to Comp. Programming

Spring

ENGL 1323 Composition and Literature II
MATH 1452/1052 Calculus II with Lab
CHEM 2415 or BIOL 2454 Science Elective with Lab
ENSC 1412 Engineering and Cyber Projects II
COSC 1352 Intermediate Computer Programming

Year 2 HNRS 1310 Walking to Piraeus
HNRS 1030 Honors Lecture I
PHYS 2413 Principles of Physics I
MATH 2451/2051 Calculus III with Lab
ELEN 2341 Intro to Microprocessors & Digital Design
COSC 2352 Systems Programming

HNRS 1640 All Roads Lead to Rome
HNRS 1060 Honors Lecture II
PHYS 2423/2023 Principles of Physics II with Lab
COSC 2353 Operating Systems
ENSC 2361 Electrical Engineering and Circuits

Year 3 HNRS 2610 Faith, Reason, & Romance
HNRS 2030 Honors Lecture III
HNRS 3130 Honors Science Readings
MATH 3311 Discrete Math
CYEN 3342 Computer Networks

HNRS 2640 Enlightenment & Modernity
HNRS 2060 Honors Lecture IV
MATH 3333 Ordinary Differential Equations
CYEN 3331 Computer Network Security
CYEN 4331 Digital Forensics and Cyber Crime

Year 4 HNRS 3610 The Last Two Hundred Years
HNRS 3030 Honors Lecture V
ENSC 4311 Senior Project I
CYEN 4335 Cryptography
CYEN 4337 Security Operations
CYEN 4351 Software Design & Engineering

HNRS 3640 The Story of Scripture
HNRS 3060 Honors Lecture VI
ENSC 4312 Senior Project II
CYEN 4333 Reverse Engineering (or)
CYEN 4381 Data Analytics
ELEN 4373 Control Systems/SCADA

*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.

For more information, please contact the Honors College at Houston Baptist University:
(281) 649-3630 | HonorsCollege@HBU.edu