



## Computer Science 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 Computer Programming

**Year 2** HNRS 1310 Walking to Piraeus  
HNRS 1030 Honors Lecture I  
PHYS 2413/2013 Principles of Physics I with Lab  
MATH 2451/2051 Calculus III with Lab  
COSC 2351 Data Structures  
COSC 2352 Systems Programming

**Year 3** HNRS 2610 Faith, Reason, & Romance  
HNRS 2030 Honors Lecture III  
HNRS 3130 Honors Science Readings  
MATH 3311 Introduction to Discrete Math  
COSC 3341 Computer Architecture  
COSC 3342 Computer Networks

**Year 4** HNRS 3610 The Last Two Hundred Years  
HNRS 3030 Honors Lecture V  
ENSC 4311 Senior Project I  
CYEN 4351 Computer Networks

### Spring

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

HNRS 1640 All Roads Lead to Rome  
HNRS 1060 Honors Lecture II  
MATH 2323 Linear Algebra  
PHYS 2423/2023 Principles of Physics II with Lab  
COSC 2353 Operating Systems  
COSC 2354 Advanced Data Structures and Algorithms

HNRS 2640 Enlightenment & Modernity  
HNRS 2060 Honors Lecture IV  
CYEN 3331 Computer Network Security  
COSC 3352 Theory of Computing  
COSC 3353 Programming Languages for Web Applications

HNRS 3640 The Story of Scripture  
HNRS 3060 Honors Lecture VI  
ENSC 4312 Senior Project II  
CYEN 4332 Wireless and Mobile Security (or)  
CYEN 4352 Distributed and Cloud Computing (or)  
CYEN 4381 Data Analytics (or)  
CYEN 4333 Reverse Engineering  
CYEN 4335 Cryptography

\*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:  
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