

# COLLEGE OF SCIENCE AND ENGINEERING

## BACHELOR OF SCIENCE, INFORMATION SYSTEMS

FOUR-YEAR PATHWAY  
FOR Honors College Students

| 1<br>ST<br>YEAR | FALL  | SCHs | SPRING  | SCHs  |
|-----------------|---|------|---|-------|
|                 | ENGL 1313 Composition and Literature I                                    | 3    | ENGL 1323 Composition and Literature II             | 3     |
|                 | FYS 1300 First-Year Seminar (FYS)   | 3    | MGMT 3302 Management Principles                     | 3     |
|                 | MATH 1313 College Algebra   | 3    | SCI (with lab) Elective                             | 4     |
|                 | ECON 1301 Survey of Economics or<br>ECON 2311 Microeconomics              | 3    | MATH 1434 Precalculus or<br>BUSA 2301 Business Math | 3/4   |
|                 | ACCT 1301 Survey of Accounting or<br>ACCT 2301 Principles of Accounting 1 | 3    |   |       |
|                 | Semester Credit Hours   | 15   | Semester Credit Hours                               | 13/14 |
|                 | Total Semester Credit Hours (Year 1)                                      |      |   |       |

| 2<br>ND<br>YEAR | FALL   | SCHs | SPRING                                      | SCHs |
|-----------------|--|------|---|------|
|                 | HNRS 1610 Walking to Piraeus                   | 6    | HNRS 1640 All Roads Lead to Rome            | 6    |
|                 | HNRS 1030 Honors Lecture I                     | 0    | HNRS 1060 Honors Lecture II                 | 0    |
|                 | COSC 1351 Introduction to Computer Programming | 3    | COSC 1352 Intermediate Computer Programming | 3    |
|                 | BUSA 2315 Business Statistics                  | 3    | BUSA 3315 Spreadsheet Modeling              | 3    |
|                 | WRIT 3345 Technical Writing                    | 3    | MKTG 3301 Marketing Principles              | 3    |
|                 |  |      | BUSA 2320 Legal Environment of Business     | 3    |
|                 | Semester Credit Hours                          | 15   | Semester Credit Hours                       | 18   |
|                 | Total Semester Credit Hours (Year 2)           |      |   |      |

| 3<br>RD<br>YEAR | FALL   | SCHs | SPRING  | SCHs |
|-----------------|--|------|---|------|
|                 | HNRS 2311 Faith, Reason, & Romance               | 3    | HNRS 2640 Enlightenment & Modernity           | 6    |
|                 | HNRS 2030 Honors Lecture III                     | 0    | HNRS 2060 Honors Lecture IV                   | 0    |
|                 | MIS 3330 Info. Systems and Business Applications | 3    | COSC 2353 Operating Systems                   | 3    |
|                 | IS 3341 IT Infrastructure                        | 3    | CYEN 3331 Computer Network Security           | 3    |
|                 | COSC 2351 Data Structures                        | 3    | MIS 4350 Predictive Analytics and Data Mining | 3    |
|                 | COSC 3342 Computer Networks                      | 3    |   |      |
|                 | Semester Credit Hours                            | 15   | Semester Credit Hours                         | 15   |
|                 | Total Semester Credit Hours (Year 3)             |      |   |      |

| 4<br>TH<br>YEAR | FALL                                    | SCHs | SPRING   | SCHs    |
|-----------------|---|------|--|---------|
|                 | HNRS 3610 The Last Two Hundred Years    | 6    | HNRS 3640 The Story of Scripture                     | 6       |
|                 | HNRS 3030 Honors Lecture V              | 0    | HNRS 3060 Honors Lecture VI                          | 0       |
|                 | HNRS 3130 Honors Science Readings       | 1    | IS 4311 Project Management                           | 3       |
|                 | IS 4341 Data and Information Management | 3    | IS 4311 Project Management                           | 3       |
|                 | COSC 4331 Cybersecurity Principles      | 3    | IS 4342 Cyber Human Systems                          | 3       |
|                 | CYEN 4351 Software Design & Engineering | 3    | COSC 3353 Programming Languages for Web Applications | 3       |
|                 | Semester Credit Hours                   | 16   | Semester Credit Hours                                | 18      |
|                 | Total Semester Credit Hours (Year 4)    |      |  | 125 * * |

### Advising Notes for Students:

\*\*\*Includes ENSC 4315 Internship/Professional Experience taken summer between 2nd/3rd or 3rd/4th years

This document is for course planning purposes only.

Please refer to the official degree plan and consult with your academic advisor for full degree requirements.

\*FYS 1300 (freshmen only) - University requirement for all students entering with less than 32 completed semester hours of credit. These 3 hours may not count in the total degree hours.

\*\*MATH 1434/1034 does not count in the total degree hours.

