

Information Systems Course Plan

Catalog Year 2020-2021

Legend

* Major Requirement

Must be taken to fulfill major requirements.

† Major Elective

Must be taken to fulfill major requirements, or replaced with an equivalent course.

‡ Gen-Ed Requirement

Must be taken to fulfill general education requirements.

§ Elective

Can be chosen from a selection of courses.

See MyGFU for detailed academic requirements.

First Year

Fall Semester

| | |
|---|-------------------|
| Introduction to Computer Science I (CSIS 201) * | 3 credits |
| Knowing and Being Known (LIBA 100) ‡ | 3 credits |
| I Believe (THEO 101) ‡ | 3 credits |
| Introduction to Communication GE Requirement (COMM 100) ‡ | 3 credits |
| Elective Credits § | 3 credits |
| Semester Total | 15 credits |
| Cumulative Total | 15 credits |

Spring Semester

| | |
|--|-------------------|
| Introduction to Computer Science II (CSIS 202) * | 3 credits |
| Principles of Macroeconomics or Microeconomics (ECON 211 or 212) ‡ | 3 credits |
| I Believe (THEO 102) ‡ | 3 credits |
| Natural Science GE Requirement ‡ | 4 credits |
| History/Politics/International Studies GE Requirement ‡ | 3 credits |
| Semester Total | 16 credits |
| Cumulative Total | 31 credits |

Second Year

Fall Semester

| | |
|--|-------------------|
| Software Engineering (CSIS 321) * | 3 credits |
| Human-Computer Interactions (CSIS 330) * | 3 credits |
| Discrete Mathematics (MATH 260) * | 3 credits |
| HUMA 290 or Alternate Fine Arts GE Requirement ‡ | 3 credits |
| Elective Credits § | 3 credits |
| Semester Total | 15 credits |
| Cumulative Total | 46 credits |

Spring Semester

| | |
|--|-------------------|
| Introduction to Business (BUSN 110) * | 3 credits |
| Principles of Management (MGMT 260) * | 3 credits |
| Lifelong Fitness (HHPA 120) ‡ | 2 credits |
| HUMA 205 or Alternate Philosophy & Literature GE Requirement ‡ | 3 credits |
| Elective Credits § | 6 credits |
| Semester Total | 17 credits |
| Cumulative Total | 63 credits |

Third Year

Fall Semester

| | |
|---|-------------------|
| Web-Based Programming (CSIS 304) * | 3 credits |
| Statistics for Business & Economics (BUSN 240) * | 3 credits |
| Servant Engineering I (ENGR 381) * | 2 credits |
| Bible Elective GE Requirement (THEO 215 or 315) ‡ | 3 credits |
| Elective Credits § | 5 credits |
| Semester Total | 16 credits |
| Cumulative Total | 79 credits |

Spring Semester

| | |
|--|-------------------|
| Computer Security Digital Forensics (CSIS 312) * | 3 credits |
| Client-Server Systems (CSIS 314) * | 3 credits |
| Business Ethics (BUSN 290) * | 3 credits |
| Servant Engineering II (CSIS 382) * | 2 credits |
| Intercultural GE Requirement ‡ | 3 credits |
| Elective Credits § | 3 credits |
| Semester Total | 17 credits |
| Cumulative Total | 96 credits |

Fourth Year

Fall Semester

| | |
|---|--------------------|
| Data Communications Networking (CSIS 350) * | 3 credits |
| CSIS/BUSN/MGMT/ACCT/MKTG Elective † | 3 credits |
| Senior Design I (ENGR 481) * | 1 credits |
| Engaging Christ in Transition (LIBA 400) ‡ | 3 credits |
| Elective Credits § | 6 credits |
| Semester Total | 16 credits |
| Cumulative Total | 112 credits |

Spring Semester

| | |
|-------------------------------------|--------------------|
| Network Administration (CSIS 450) * | 3 credits |
| CSIS/BUSN/MGMT/ACCT/MKTG Elective * | 3 credits |
| Senior Design II (CSIS 482) * | 3 credits |
| Elective Credits § | 6 credits |
| Semester Total | 15 credits |
| Cumulative Total | 127 credits |

Notes

IMPORTANT NOTE: A student MUST choose at least 7 upper division credits among all the major electives, free electives, and general education options to meet the 42 upper division credit requirement for a GFU Bachelors degree.