

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.