

Please note This flowchart is not a contract.
For your contract information please see the catalog.

Information Technology 2020-2021

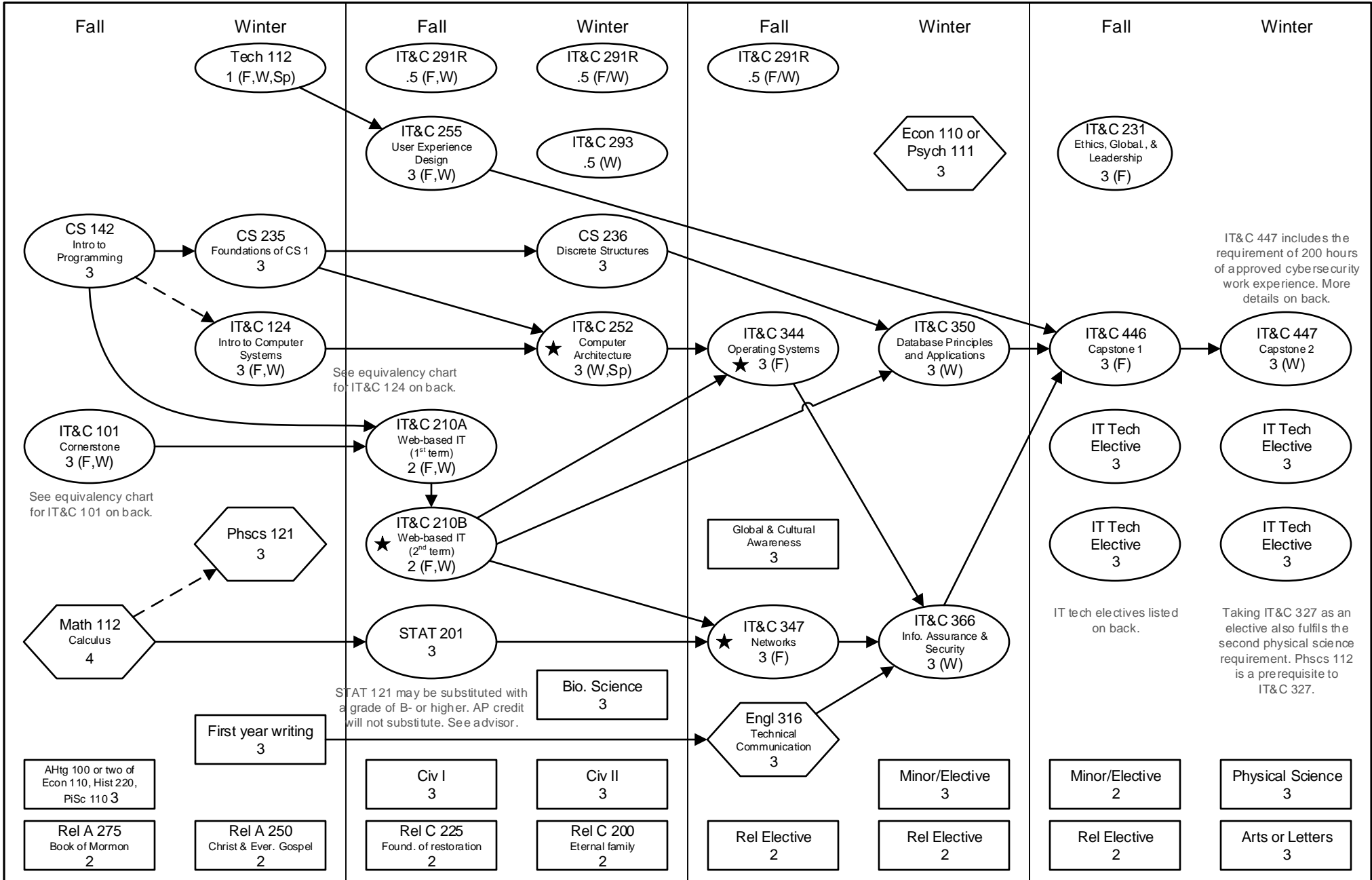
Major Code:
396527

FRESHMAN

SOPHOMORE

JUNIOR

SENIOR



Credit Hours: 15

15

15.5

15

14.5

14

16

15

□ G.E. Classes

○ Major Classes

→ Required Prerequisite
 - - -> Concurrent Enrollment at BYU with Instructor Permission

★ Students must earn a grade of C or higher in IT&C 210B and IT&C 252 to enroll in IT&C 344 and IT&C 347

Fulfills a CS minor with the addition of CS 240 (4) and two additional CS courses.

Total Credit Hours: 120

IT Technical Electives

- IT&C 327 Digital Communications
- IT&C 410 Advanced Web Technologies
- IT&C 441 Embedded Computer Systems
- IT&C 450 Database Administration
- IT&C 492R Special Problems in IT&C
- IT&C 515R Special Topics in IT&C
- IT&C 529 Advanced Networking
- IT&C 544 System Administration
- IT&C 548 Cyber-Physical Systems
- IT&C 555 Advanced Human-Computer Interaction
- IT&C 566 Digital Forensics
- IT&C 567 Cyber Security & Penetration Testing

Other courses may be approved by petition. The course must meet certain requirements to be eligible for consideration as an IT technical elective.

The course must:

- teach at least 70% new material from courses taught by the IT&C program
- and have 70% of the content related to:
 - the tasks, knowledge, skills, or abilities defined as Essential or Supplemental in the current IT Model Curriculum (presently the 2017 version, p. 50, 51).
 - be 300 or higher level class

200 Hours of Work Experience

IT&C 447 includes the requirement of 200 hours of approved IT&C work experience (any paid experience involving any of the IT&C domains of computing, which include networking, human-computer interaction, databases, web systems, programming, cybersecurity, and computer application domains).

sot.byu.edu/it-c-work-experience

Common Equivalents

Substitutions do not happen automatically. Please see advisement office.

IT&C 101	IS 110, 201, & 303 (all 3 courses)
IT&C 124	ECEN 220
IT&C 252	CS 224
STAT 201	STAT 121, with a grade of B- or higher. AP credit will not substitute.