

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

Information Technology 2021-2022

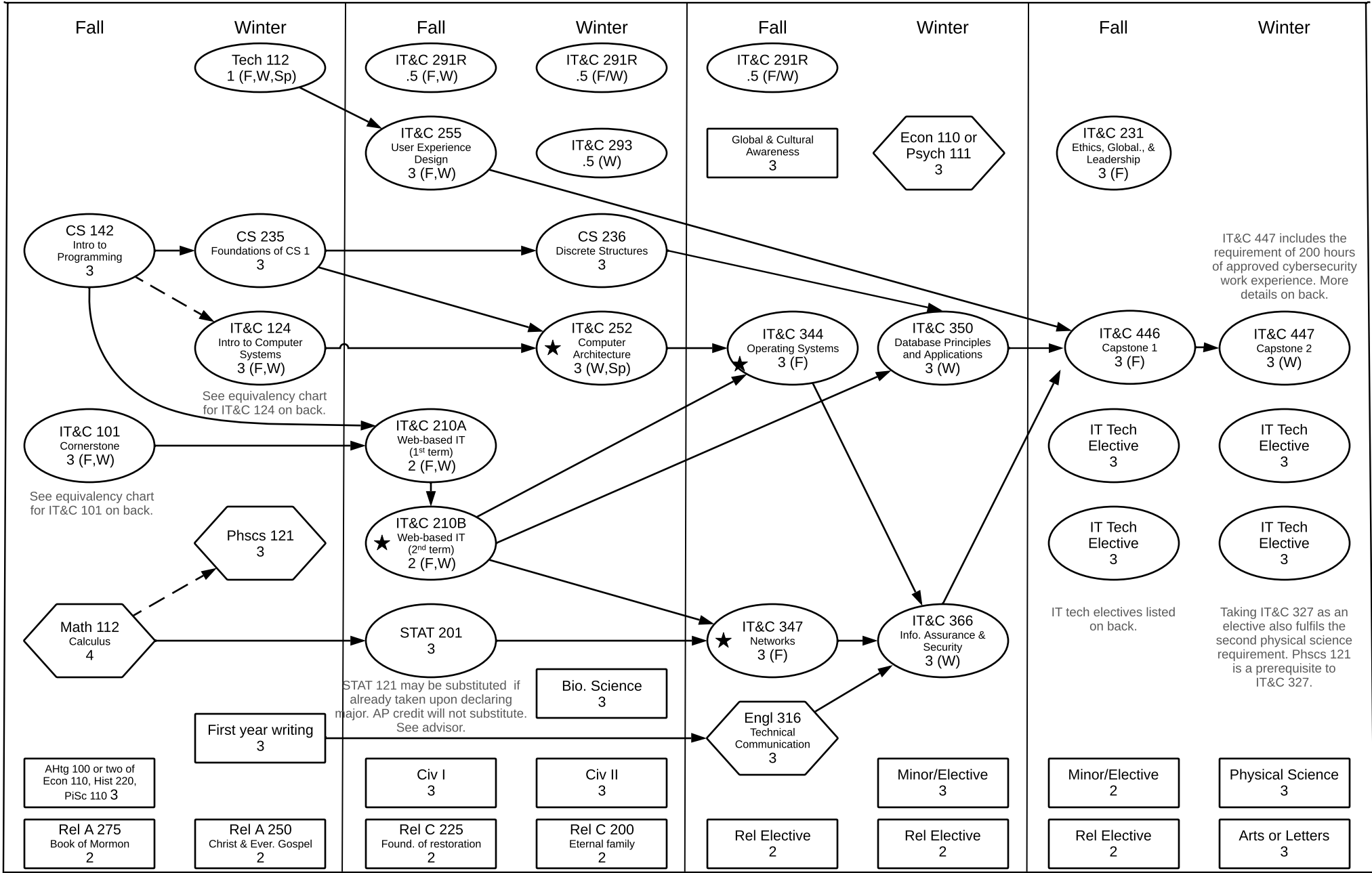
Major Code:
396527

FRESHMAN

SOPHOMORE

JUNIOR

SENIOR



IT&C 447 includes the requirement of 200 hours of approved cybersecurity work experience. More details on back.

See equivalency chart for IT&C 101 on back.

See equivalency chart for IT&C 124 on back.

STAT 211 may be substituted if already taken upon declaring major. AP credit will not substitute. See advisor.

IT tech electives listed on back.

Taking IT&C 327 as an elective also fulfills the second physical science requirement. Phscs 121 is a prerequisite to IT&C 327.

Credit Hours: 15 15 15.5 15 14.5 14 16 15

G.E. Classes
 Major Classes

Major and G.E. 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.