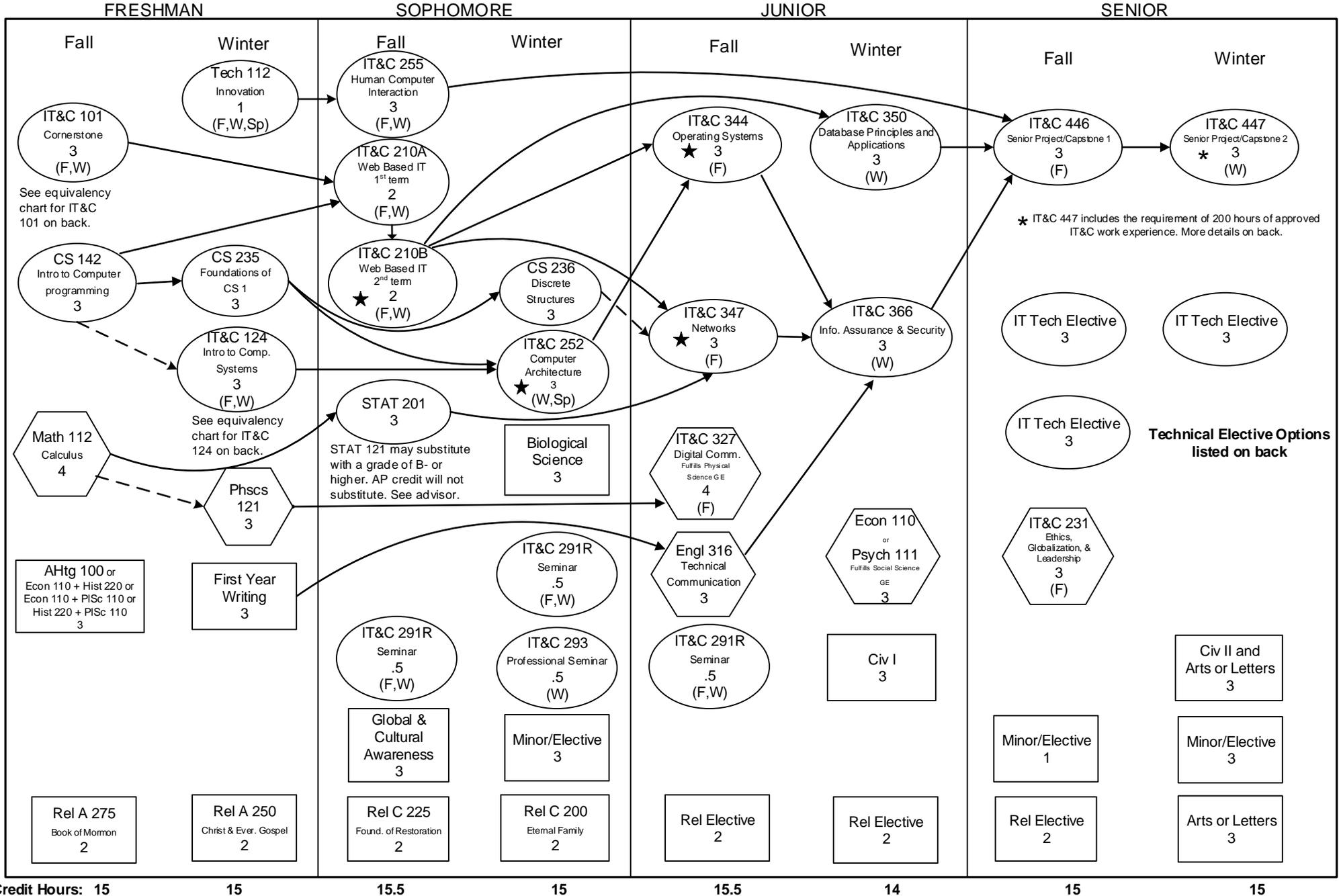


# INFORMATION TECHNOLOGY 2019-2020



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

**Credit Hours: 15**      **15**      **15.5**      **15**      **15.5**      **14**      **15**      **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**

### 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](http://sot.byu.edu/it-c-work-experience)

### IT&C Technical Electives

- 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
  - See IT&C website or advisement office for more details.
- Courses outside of those listed here must be pre-approved by the program.

### Common Equivalents

IT&C 101	IS 110, 201, & 303 (all 3 courses)
IT&C 124	EC EN 220
IT&C 124	CS 224 (if taken Summer 2017 or before)
IT&C 252	CS 224 (if taken Fall 2017 or after)
STAT 201	STAT 121, with a grade of B- or higher. AP credit will not substitute.

Substitutions do not happen automatically. Please see advisement office.