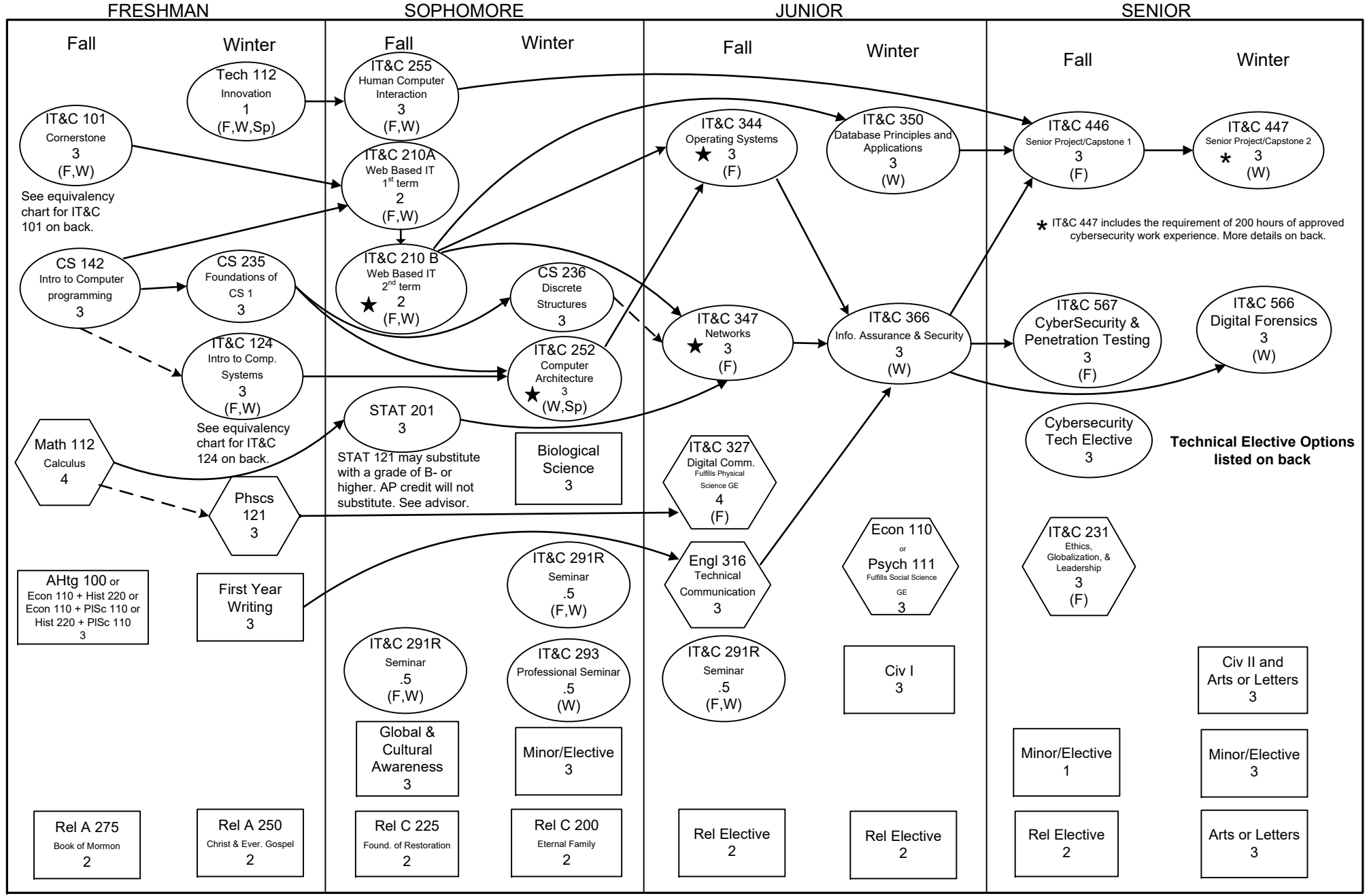


CYBERSECURITY 2019-2020



★ IT&C 447 includes the requirement of 200 hours of approved cybersecurity 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/Cybersecurity work experience. Students majoring in Cybersecurity should have a paid experience that involves cybersecurity activities, which could include defensive activities (e.g., securing databases, networks, mobile apps, websites), digital forensics, or penetration testing activities. Job titles may be things like security analyst, web or mobile developer, dev ops, network engineer, database engineer, etc.

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

Cybersecurity Technical Electives

- IT&C 492R on a Cybersecurity topic
- IT&C 515R on a Cybersecurity topic
- IT&C 529 Advanced Networking
- IT&C 544 System Administration
- IT&C 548 Cyber-Physical Systems
- MATH 485 Mathematical Cryptography
- IS 565 Digital Forensics for Organizations

See IT&C website or advisement office for more details.

Courses outside of those listed 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.