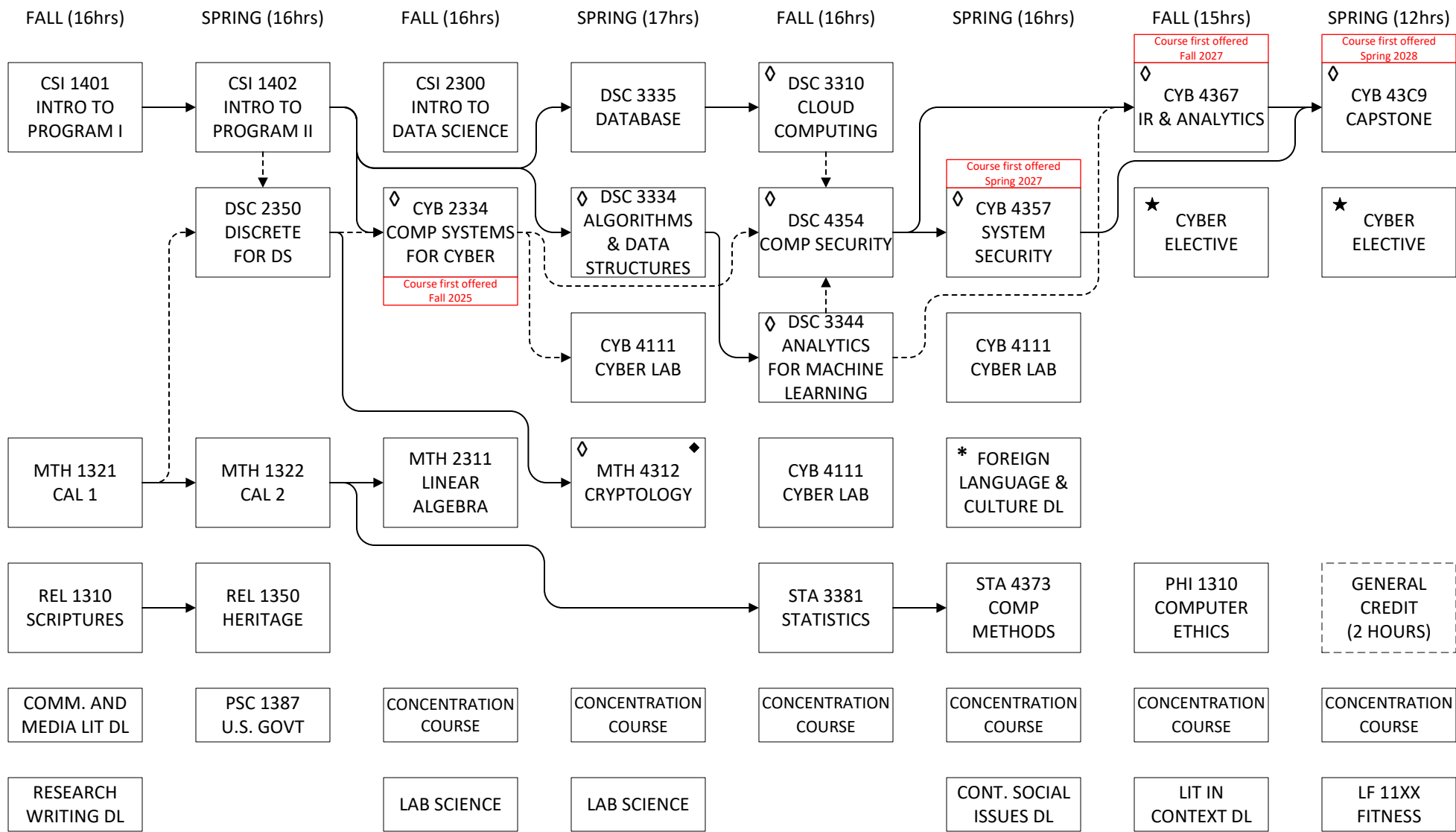


CYBERSECURITY MAJOR (2024-2025)



NOTES: This flowchart is meant to be an advising tool. The [Baylor Undergraduate Catalog](#) is the student's final authority on all degree requirements. A 'C' or better must be earned in all courses in your major, as well as any math prerequisites for major courses.

- Prerequisite
- - -> Prerequisite or concurrent enrollment
- ◇ Course offered only in semester indicated
- ◆ Content from MTH 2311 is used heavily in MTH 4312. It is recommended that MTH 2311 be completed before MTH 4312.

Lab Science:
 Select 8 hours from the following courses.
 BIO 1305/1105, BIO 1306/1106, CHE 1301/1101, CHE 1302/1102, GEO 1405, GEO 1306/1106, PHY 1408, PHY 1409, PHY 1420 or PHY 1430
 (Lab is required with corresponding lecture.)

Distribution Lists (DL):
 Select one course, 3 hours, from the [corresponding A&S Distribution List](#)

Concentration Courses: See back

- * [See the Foreign Language & Culture Distribution List for ECS in the Undergraduate Catalog](#)
- - - If needed to reach the graduation requirement of 124 total earned hours
- ★ Two of CSI 3374, DSC 4310, CYB 4377, or CYB 4387. Please keep in mind any prerequisites for these courses and the semesters the courses are offered.

Cybersecurity Major – Concentration Options

The National Initiative for Cybersecurity Careers and Studies (NICCS) developed a Workforce Framework for Cybersecurity (NICE Framework) to categorize the knowledge and skills necessary across various sectors of the cybersecurity workforce. These primary functions are captured in seven high-level categories: analyze, collect and operate, investigate, operate and maintain, oversee and govern, protect and defend, and securely provision.

Students will choose one of five concentrations (six courses per concentration) that will allow them to achieve learning outcomes relevant to the NICE Framework.

1. Business/Entrepreneurship Concentration (choose 6 courses)

- ACC 2301, BUS 3302, CSS 4301, ENT 3315, ENT 3350, ENT 3380, ENT 4325, ENT 4330, ENT 4340, ENT 4353, FIN 3303, MGT 3301, MKT 3301

2. Geopolitical Issues Concentration (choose 6 courses)

- AS 4301, AST 2380, AST/ANT 4310, AST 4388, CLA 3350, HIS 2370, HIS 4313, HIS 4394, PSC 3315, PSC 3355, PSC 4334, PSC 4344, PSC 4346, PSC 4364, PSC 4374, REL 3394

3. Policy, Law, and Criminal Justice Concentration (choose 6 courses)

- AS 4301, AST 2380, AST/ANT 4310, AST 4388, BL 4310, CLA 3350, HIS 2370, HIS 4313, HIS 4394, PSC 2303, PSC 3315, PSC 3321, PSC 3322, PSC 3355, PSC 3345, PSC 3365, PSC 3374, PSC 3375, PSC 4305, PSC 4316, PSC 4334, PSC 4346, PSC 4364, PSC 4374, PSC 4390, REL 3394

4. Strategy & Analytics Concentration

- Choose 6 courses from MTH 2321, DSC 4310, DSC 4320, DSC 43C8, or any upper-level STA courses

5. Interdisciplinary Concentration

- Choose six courses from the four concentrations above – at least one course from each concentration.