Lower Division Core (21)
   - CMPS 150 – Introduction to Unix (1) (or CMPS 215 – Unix Programming Environment)
   - CMPS 221 – Programming Fundamentals (grade of C- or better)
   - CMPS 222 – Object-Oriented Programming (grade of C- or better)
   - CMPS 223 – Data Structures and Algorithms (grade of C- or better)
   - CMPS 295 – Discrete Structures

Upper Division Core (31)
   - CMPS 312 – Algorithm Analysis and Design
   - CMPS 335 – Software Engineering
   - CMPS 350 – Programming Languages
   - CMPS 360 – Operating Systems
   - CMPS 376 – Computer Networks
   - CMPS 490A – Senior Project I (3)
   - CMPS 490B – Senior Project II (3)

Information Security Electives (15)
   Choose from (CMPS 215 and 216), 340, 342, 445, 451, 476, CMPS/MATH 475, or approved substitute

Cognate Requirements (30)
   - MATH 201 or 231 – Calculus I (grade of C- or better)
   - MATH 202 or 232 – Calculus II (grade of C- or better)
   - MATH 203 or 233 – Calculus III (grade of C- or better)
   - MATH 230 or 330 – Linear Algebra
   - MATH 340 – Probability Theory
   - PHIL 316 – Professional Ethics

Global Intelligence and National Security (GINS) Cognate Courses (30)
   - PLSI 304 – International Relations
   - CRJU 440 – Terrorism
   - GINS Intelligence Analytical Tools course (GEOL 450, CRJU 494, or approved substitute)
   - GINS Focus Area course (see catalog for list)
   - GINS Focus Area course (see catalog for list)
   - GINS Focus Area course (see catalog for list)

Additional Units (any university units) (0-3)

General Education and University Requirements (50-57)
   - Foreign Language Requirement – 2 yrs. high school or 1 college course
   - CSUB 101 (2)
   - A1 – Recommend COMM 108 (grade of C or better)
   - A2 – ENGL 110 (grade of C or better)
   - A3 (grade of C or better)
   - B1/B3
      - B2/B3 – Waived for Computer Science majors
   - B4 – Satisfied by MATH 201 or MATH 231 or higher with grade of C or better
   - C1
   - C2, C4, or C5
   - C3 – US History double-counts for C3 for Computer Science majors
   - US History for American Institutions (AI) requirement
   - D3/Government for AI requirement – Recommend PLSI 101
   - Area D – 5 units waived for Computer Science majors
   - D1, D2, D4, or D5
      - Theme 1 – Met by completing CMPS 490A & B
      - Theme 2 – Satisfied by PHIL 316
      - Theme 3 – Waived for Computer Science majors
   - Gender, Race, and Ethnicity (GRE) (3-5)
   - GWAR – Pass exam or take course (COMM 304 – Technical Writing recommended for course)