Computer Science (Information Security) 2016-18 Catalog Advising Checklist	Name:
Semester Units: 120 **Core Units: 87-88**	ID #:

Lower Division Core (16)

_____ CMPS 2010 - Progr. I: Programming Fundamentals (4) (grade of C- or better)

_____ CMPS 2020 - Progr. II: Data Structures and Algorithms (4) (grade of C- or better)

_____ CMPS 2120 - Discrete Structures (4)

_____ CMPS 2240 - Computer Architecture I: Assembly Language Programming (4)

Upper Division Core (32)

_____ CMPS 3120 - Algorithm Analysis (3)

_____ CMPS 3140 - Theory of Computation (3)

_____ CMPS 3350 - Software Engineering (4)

_____ CMPS 3420 - Database Systems (4)

_____ CMPS 3500 - Programming Languages (3)

_____ CMPS 3600 - Operating Systems (4)

_____ CMPS 3620 - Computer Networks (4)

_____ CMPS 3640 - Distributed and Parallel Computation (3)

_____ CMPS 4910 - Senior Project I (2)

_____ CMPS 4928 - Senior Project II (2)

Information Security Electives [select 3 courses] (12)

At least one course must be at 4000-level. See catalog for complete list.

_____ CMPS

_____ CMPS

_____ CMPS

General Cognate Requirements (15)

_____ MATH 2310 or 2510 - Calculus I (4) (grade of C- or better)

_____ MATH 2320 or 2520 - Calculus II (4) (grade of C- or better)

_____ MATH 3200 - Probability Theory (4)

_____ PHIL 3318 - Professional Ethics (3)

Global Intelligence and National Security (GINS) Cognate Requirements (12-13)

GINS Analytical Tools course (3-4) (Select one from CRJU 3500, ECON/MIS 3200, GEOL 4050, MIS 4100, SOC 4018)

_____ GINS Focus Area course (3) (see catalog for complete list)

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Additional Units (any university units) (0-1)

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General Education and University Requirements (32-38)

First Year Seminar I - CSUB 1009 (1)

_____ First Year Seminar II - CSUB 1019 (1)

_____ A1 - COMM 1008 (3) (grade of C- or better)

_____ A2 - ENGL 1109 (3) (grade of C- or better)

_____ A3 - Critical Thinking (3) (grade of C- or better)

A4 - Satisfied by MATH 2310 or 2510 (or higher) with grade of C- or better

B1/B3 - Physical Sciences (3)

B2/B3 - Waived for Computer Science majors

_____ C1 - Arts (3)

_____ C2 - Humanities (3)

_____ US History for American Institutions (AI) requirement (3)

_____ Government for AI requirement - Recommend PLSI 1018 (3)

_____ Area D (1st course) (3)

Area D (2nd course) - 3 units waived for Computer Science majors

SELF - Recommend course that double-counts for another GE requirement (0-3)

_____ Junior Year Diversity Reflection (JYDR) (3)

UD Area B - Not required for NSME majors

UD Area C - Satisfied by PHIL 3318

UD Area D - Waived for Computer Science majors

Capstone - Satisfied by CMPS 4928

_____ GWAR - Pass exam or get C- or better in course (0-3)

Advising Notes: