COMPUTER SCIENCE INTERNATIONAL ENGINEERING CONCENTRATION – 2013 To Present

	FALL	Grade		SPRING	Grade
FRESHMAN YEAR					
ES 1000	Orientation to Engr (I, L)	1 _____	MATH 2205	Calculus II	4 _____
MATH 2200	Calculus I	4 _____		Foreign Language II	4 _____
	Foreign Language I (3)	4 _____	COSC 1030	Computer Science I (3)	4 _____
COSC 1010	Intro Programming	4 _____	COJO 1010	Public Speaking	3 _____
ENGL 1010	English Comp I	3 _____	PEAC 1001	PE Activity	1 _____
		16			16
SOPHOMORE YEAR					
COSC 2150	Computer Organization	3 _____	MATH	Math Elective (2)	3 _____
COSC 2030	Computer Science II	4 _____	COSC 3011	Software Design	3 _____
COSC 2300	Discrete Structures	3 _____	COSC 3020	Algor and Data Struct	4 _____
	Foreign Language III (3)	4 _____		Foreign Language IV (3)	3 _____
	Science I (1)	4 _____		Science II (1)	4 _____
		18			17
JUNIOR YEAR					
COSC 3015	Functional Programming	3 _____		*Study Aboard semester*	_____
COSC	OS Course (7)	4 _____	COSC	COSC Elective (6)	3 _____
COSC	COSC Elective (6)	3 _____		Science Elective (4)	4 _____
	Science Elective (4)	4 _____		UDNC (5)	3 _____
	US & Wyo Constitutions	3 _____	MATH	Math Elective (2)	3 _____
		17			13
SENIOR YEAR					
COSC 4950	Senior Design I	1 _____	COSC 4955	Senior Design II	2 _____
COSC	System Course (8)	3 _____	COSC	COSC Elective (6)	3 _____
STAT 4220	Engineering Statistics	3 _____	COSC	COSC Elective (6)	3 _____
COSC	Theory Course (9)	3 _____	COSC	Prog Lang Course (10)	3 _____
ENGL 4010	Sci & Tech Writing (WC)	3 _____	COSC 3050	Ethics	1 _____
	UDNC (5)	3 _____			
		16			12

Total Hours: 125

A grade of C or better must be earned in all COSC, MATH and STAT courses

(1) Science I & II: CHEM 1020 & 1030 or CHEM 1050 & 1060 or LIFE 1010 & 2022/3 or PHYS 1110&1120 or PHYS 1210 & 1220 or PHYS 1310 & 1320

(2) Math Elective: MATH 2210 or higher (except for MATH 2350, 2355, 4000 or variable-credit courses), COSC 4320, 4340 or STAT 3000-5999

(3) Foreign Language 4 semesters of the same foreign lanaguage

(4) Science Electives: Any S, SB, SE, SP including EE 2390. excluding LIFE 1002 and CHEM 1000

(5) UDNC: Upper Division (3000- or 4000-level) Non-COSC Course

(6) COSC Electives (total of 12 hours): Any 3000+ COSC course, not fulfilling another requirement.
        1 of the 4 COSC Electives can be from the Computer Engineering (CPEN) Elective List

(7) Operating Systems Course: COSC 4740

(8) System Course: COSC 4820 or 4760

(9) Theory Course: COSC 4100 or 4200

(10) Programming Language Course: COSC 4780 or 4785

WB course can be combined with an UDNC course or taken separately

A minimum of 48 credit hours must be upper division (3000+) level.