

Computer Science COMPUTERS AND BUSINESS CONCENTRATION – 2009 To Present

FALL		Grade	SPRING		Grade
FRESHMAN YEAR					
ES	1000 Orientation to Engr (I, L)	1 _____	MATH	Calculus II ⁽²⁾	4 _____
MATH	Calculus I ⁽²⁾	4 _____		Science II ⁽¹⁾	4 _____
	Science I ⁽¹⁾	4 _____	COSC	1030 Computer Science I	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 _____	IMGT	2400 Intro to Infor Manage	3 _____
COSC	2030 Computer Science II	4 _____	COSC	3011 Software Design	3 _____
COSC	2300 Discrete Structures	3 _____	COSC	3020 Algor and Data Struct	4 _____
ACCT	1010 Prin of Acct I	3 _____	ACCT	1020 Prin of Acct II	3 _____
	Cultural Context	3 _____		Cultural Context	3 _____
		16			16

JUNIOR YEAR					
STAT	Stat course ⁽³⁾	4 _____	MGT	3210 Intro to Marketing	3 _____
IMGT	3400 Database Mgt Sys	3 _____		Science Elective ⁽⁴⁾	4 _____
COSC	COSC Elective ⁽⁶⁾	3 _____	COSC	3050 Ethics	1 _____
	Science Elective ⁽⁴⁾	4 _____		Cultural Context	3 _____
	US & Wyo Constitutions	3 _____		Business Elective ⁽⁷⁾	3 _____
		17			14

SENIOR YEAR					
COSC	4950 Senior Design I	1 _____	COSC	4955 Senior Design II	2 _____
COSC	System Course ⁽⁸⁾	3 _____	COSC	COSC Elective ⁽⁶⁾	3 _____
	Business Elective ⁽⁷⁾	3 _____	COSC	COSC Elective ⁽⁶⁾	3 _____
COSC	4210 Analysis & Design info	3 _____	COSC	4220 Design & Impl in Emrg Env	3 _____
ENGL	4010 Sci & Tech Writing (WC)	3 _____		UDNC ⁽⁵⁾	3 _____
MKT	3210 Manag and Organiz	3 _____			
		16			14

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 LIFE 1010 & (2022 or 2023) or PHYS 1210 & 1220 or PHYS 1310 & 1320
- ⁽²⁾ Calculus I & II: MATH 2200 & 2205 or MATH 2350 & 2355
- ⁽³⁾ Statistics STAT 2010, 2050, or 2070
- ⁽⁴⁾ Science Electives: Any USP S, SE, SB, SP including EE 2390;
- ⁽⁵⁾ UDNC: Upper Division (3000-level or higher) Non-COSC Course
- ⁽⁶⁾ COSC Electives (total of 9hours): Any 3000+ COSC course, not fulfilling another requirement.
- ⁽⁷⁾ BUSINESS Electives (total of 6 hours): Any 3000+ Business course
- ⁽⁸⁾ System Course: COSC 4820 or 4760

Cultural context must meet the following requirements:

- 1) 1-CH course, 1-CS course, 1-CA course
- 2) 1-WB course, 1-G course, 1-D course

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