

CSEN-BS, Human-Centered Computing Track: 2014/2015

First Year				First Year	
Fall			Spring		
CSCI 1000	Computer Science as a Field of Work and Study	1	CSCI 2270	Computer Science 2: Data Structures	4
CSCI 1300	Computer Science 1: Programming	4	APPM 1360	Calculus 2 for Engineers	4
APPM 1350	Calculus 1 for Engineers	4		Natural Science	5
	Natural Science	4		Humanities and Social Science	3
	Humanities and Social Sciences	3			
	Semester credit hours:	16		Semester credit hours:	16
Second Year			Second Year		
Fall			Spring		
CSCI 2400	Computer Systems	4	CSCI 3104	Algorithms	4
CSCI 2824	Discrete Structures	3	CSCI 3002	Human-Centered Computing Foundations	3
CSCI 2830	Linear Algebra	3	CSCI 3308	HCC Core (2 of 3)	3
CSCI 3112	HCC Professional Development	1		HCC Core (3 of 3)	3
	HCC Core (1 of 3)	3		Humanities or Social Sciences	3
	Free elective-(prerequisite for CSCI 3702)	3			
	Semester credit hours:	17		Semester credit hours:	16
Third Year			Third Year		
Fall			Spring		
CSCI 3155	Principles of Programming Languages	4		Probability and Statistics	3
CSCI 3702	Cognitive Science	3		Computer Science elective	3
	HCC Core (4 of 4)	3		Computer Science elective	3
	Humanities and Social Sciences	3		Natural Science	4
	Free elective	3		WRTG 3030, 3035, HUEN 3100 or PHYS 3050	3
	Semester credit hours:	16		Semester credit hours:	16
Fourth Year			Fourth Year		
Fall			Spring		
CSCI 4308	Senior Projects I	4	CSCI 4318	Senior Projects II	4
CSCI 3112	HCC Professional Development (CS elective)	1		Computer Science elective	3
	Humanities and Social Sciences	3		Upper division Humanities and Social Science	3
	Upper division Natural Science	4		Upper division Humanities and Social Science	3
	Free elective	3		Free elective	3
	Semester credit hours:	15		Semester credit hours:	16

CBI Foundation courses:

- Fall-3002-3, 3112-1-2, 3702-3
- Spring- 3112-1 or more

CBI Core courses:

- Fall- 3202-3, 3287-3, 3308-3,
- Spring-3308-3, 4448-3, 4830(4332-3)-Game Programming, 4830(4322-3)-Things That Think, 4830-Social Computing, 4830-Rapid Prototyping
- Summer-3308-3