

## CSEN-BS, Networked Devices and Systems 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 3753	Operating Systems (NDS foundation)	4
CSCI 2830	Linear Algebra	3		NDS Core (2 of 4)	3
	NDS Core (1 of 4)	3		Humanities or Social Sciences	3
	Free elective	3		Computer Science elective	3
	Semester credit hours:	16		Semester credit hours:	17
Third Year			Third Year		
Fall			Spring		
CSCI 4273	Network Systems (NDS foundation)	3	MATH	Approved Probability and Statistics	3
CSCI 3155	Prin Programming Languages	4	TLEN 5833	Spec Tpcs: UNIX System Admin (NDS foundation)	3
	NDS Core (3of 4)	3		Computer Science elective	3
	NDS Core (4 of 4)	3		Natural Science	4
	Humanities and Social Sciences	3		WRTG 3030, 3035, HUEN 3100 or PHYS 3050	3
	Semester credit hours:	16		Semester credit hours:	16
Fourth Year			Fourth Year		
Fall			Spring		
TLEN 5460	Telecommunication Systems Lab	3	TLEN 5540	Network Security Laboratory	3
	Humanities and Social Sciences	3	TLEN 5210	Prin of Telecommunications Policy	3
	Upper division Natural Science	4		Upper division Humanities and Social Science	3
	Free elective	3		Upper division Humanities and Social Science	3
	Free elective	3		Free elective	3
	Semester credit hours:	16		Semester credit hours:	15

**NDS Foundation courses:**

- Fall- 3753-3, 4273-3
- Spring-3753-4, TLEN 5833-3-UNIX Sys Admin

**NDS Core courses:**

- Fall-3287-3, 3308-3, 4593-3
- Spring-3308-3, 3434-3, 4448-3, 4593-3, 4753-3

**NDS Capstone courses:**

- Fall-TLEN 5460-3
- Spring-TLEN 5540-3, TLEN 5210-3
- Summer-TLEN 5460-3

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