Systems Track, Computer Science B.S. 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 3155	Prin of Programming Languages	4
CSCI 2830	Linear Algebra	3	CSCI 3308	Software Dev Mthds/Tls (SYS Core 1 of 4)	3
ECEN 2350	Digital Logic (SYS foundation	3		Humanities or Social Sciences	3
	Free elective	3		Probability and Statistics	3
	Semester credit hours:	16		Semester credit hours:	17
Third Year			Third Year		
Fall			Spring		
CSCI 3753	Operating Systems (SYS foundation)	4	CSCI 4273-3	Network Systems (SYS foundation)	3
	SYS Core (2 of 4)	3		SYS Core (4of 4)	3
	SYS Core (3 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 4308-4	Senior Projects I	4	CSCI 4318-4	Senior Projects II	4
	Computer Science elective	3		Upper division Humanities and Social Science	3
	Humanities and Social Sciences	3		Upper division Humanities and Social Science	3
	Upper division Natural Science	4		Computer Science elective	1
	Free elective	3		Free elective	3
	Semester credit hours:	17		Semester credit hours:	14

SYS Foundation courses:

- Fall: ECEN 2350-3-Digital Logic, CSCI 4273-3-Network Systems
- Spring: ECEN 2350-3-Digital Logic, CSCI 3753-4-Operating Systems

SYS Core courses:

- Fall: CSCI 3308-3-Software Dev Mthds/Tls, 4229-3-Computer Graphics, 4555-3-Compilers, 4593-3-Computer Organization, 4830-Ethichal Hacking, ECEN 4613-Embedded Systems
- Spring: 3308-3 Software Dev Mthds/Tls, 4593-3-Computer Organization, 4753-3-Computer Performance Modeling, ECEN 4613-Embedded Systems
- Summer: CSCI 3308-3 Software Dev Mthds/Tls, CSCI 4229-3-Computer Graphics

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