Distributed System & Software Design & Architecture					
FIRST YEAR-FALL	**HR**	**Notes**	**FIRST YEAR-SPRING**	**HR**	**Notes**
ENGL 1101	3		ENGL 1102	3	
MATH 1551	2		MATH 1552	4	
MATH 1554	4		Social Science Elective	3	
CS 1301	3		PHYS 2211	4	
CHEM 1310	4		CS 1331	3	
ECE 1100	1				
TOTAL SEMESTER HOURS	**17**		**TOTAL SEMESTER HOURS**	**17**	
SECOND YEAR-FALL	**HR**	**Notes**	**SECOND YEAR-SPRING**	**HR**	**Notes**
MATH 2550	2		ECE 2031	2	
PHYS 2212	4		History/Government Elective	3	5
CS 1332	3		MATH 2552	4	
ECE 2020	3		ECE 2035	4	
CS 2050 OR CS 2051	3		CS 2340	3	
APPH 1040 OR 1050	2				
TOTAL SEMESTER HOURS	**17**		**TOTAL SEMESTER HOURS**	**16**	
THIRD YEAR-FALL	**HR**	**Notes**	**THIRD YEAR-SPRING**	**HR**	**Notes**
Humanities Elective	3		Economics/Social Science Elective	3	
ECE 2040	3		CS 3210	3	
Social Science Elective	3		CS 3251	3	
Prob & Stat option	3		Pick 1 of Advanced Software	3	1
ECE 3058	4		Humanities Elective	3	
Elective Hours	1	1	ECE 3005	1	
TOTAL SEMESTER HOURS	**17**		**TOTAL SEMESTER HOURS**	**16**	
FOURTH YEAR-FALL	**HR**	**Notes**	**FOURTH YEAR-SPRING**	**HR**	**Notes**
Senior Design Sequence	1	2	Senior Design Sequence	2	2
CS 3510 or CS 3511	3		Pick 1 of Adv Sys & Architecture	3	
CS 3220	3		Pick 1 of Systems Software Tools	3	
Pick 1 of Edge, Cloud, and Mobile Apps	3		Pick 1 of Edge, Cloud, and Mobile Apps	3	
Elective Hours	3	1	Elective Hours	3	1
Elective Hours	2				
TOTAL SEMESTER HOURS	**15**		**TOTAL SEMESTER HOURS**	**14**	
Completed Hours:					
Remaining Hours:					
Surplus Non Usable Hours					
Total Hours for Degree	**129**	129			

DSSD + Sys&Arch			
	Lec	**Lab**	**Hours**
Institute Core Hours+Prob Stat:	x	x	60
Common Core	x	x	27
Total Thread Hours:	x	x	30
Elective Hours (includes Senior Design Sequence)	x	x	12
Total Degree Hours			129

CmpE Common Core			
ECE 1100 - ECE Discovery Studio	1	0	1
CS 1331 Introduction to Object-Oriented Programming	3	0	3
CS 1332 Data Structures and Algorithms	3	0	3
CS 2050 or CS 2051 Introduction to Discrete Math for CS	3	0	3
ECE 2020 – Fundamentals of Digital System Design	3	0	3
ECE 2040 - Circuit Analysis	3	0	3
ECE 2031 – Digital Design Laboratory	1	3	2
ECE 2035 - Programming HW/SW Sys	3	3	4
ECE 3005 - Professional Communications	1	0	1
ECE 3058 – Architecture, Concurrency and Energy in Computation	3	3	4
Total	**24**	**9**	**27**

Distributed System & Software Design			
CS 3251 - Computer Networking	3	0	3
Pick 1 of Advanced Software (*)	3	0	3
Pick 2 of Edge, Cloud, and Mobile Apps	6	x	6

Systems & Architecture			
CS 2340 - Objects and Design	3	0	3
CS 3210 - Design of Operating Systems	3	0	3
CS 3220 - Comp Structures: HW/SW Codesign of a Proc	3	0	3
CS 3510 or CS 3511 - Design and analysis of algorithms	3	0	3
Pick 1 of Advanced Systems & Architecture (*)	**3**	**0**	**3**
Pick 1 of Systems Software Tools	**3**	**0**	**3**
Total (See Notes 3 and 4)	x	x	30

Total Degree Hours:	x	x	129

(1) Elective hours depend on thread picks and Senior Design Option

(2) See degree options for senior design

(3) Thread hours may depend on thread picks

(4) For shared thread courses, select an additional ECE/CS 3000/4000 elective or pick

(5) HIST 2111/2122 or POL 1101 or INTA 1200 or PUBP 3000

(*) CS4220 is a shared pick (see Note 4)