Computing Hardware & Emerging Architectures and Information Internetworks						
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		ECE 3030	3	
Social Science Elective	3		ECE 3150	4	
Prob & Stat option	3		Humanities Elective	3	
ECE 3058	4		ECE 3005	1	
			Pick 1 from Intro to Information Mgt	3	
TOTAL SEMESTER HOURS	**16**		**TOTAL SEMESTER HOURS**	**17**	

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 from Advanced Information Mgt.	3	
Pick 1 from Intro to Information Mgt	3		Pick 1 of Integration, Devices, & Fab	3	
Pick 1 of Embedded Systems	3		Pick 1 of Computer Architecture	3	
Elective Hours	3	1	Elective Hours	3	1
Elective Hours	2	1			
TOTAL SEMESTER HOURS	**15**		**TOTAL SEMESTER HOURS**	**14**	
Completed Hours:					
Remaining Hours:					
Surplus Non Usable Hours					
Total Hours for Degree	**129**	129			

CHEA + InfInt			
	Lec	Lab	Hours
Institute Core Hours+Prob Stat:	x	x	60
Common Core	x	x	27
Total Thread Hours:	x	x	31
Elective Hours (includes Senior Design Sequence)	x	x	11
Total Degree Hours			129

CmpE Common Core	Lec	Lab	Hours
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**

Computing Hardware & Emerging Architectures	Lec	Lab	Hours
ECE 3150 - VLSI & Adv Digital Design	3	3	4
ECE 3030 – Physical Found. of Computer Engineering	3	0	3
Pick 1 of Embedded Systems	**3**	**0**	**3**
Pick 1 of Integration, Devices & Fabrication	**3**	**x**	**3**
Pick 1 of Computer Architecture	**3**	**0**	**3**
Information Internetworks			
CS 2340 Objects and Design	3	0	3
CS 3510 or CS 3511 Design and Analysis of Algorithms	3	0	3
Pick 2 from Intro to Information Management	6	0	6
Pick 1 from Advanced Information Management	3	0	3
Total (See Notes 3 and 4)	**x**	**x**	**31**

Total Degree Hours:	x	x	129

(1) Elective hours depend on thread picks and Senior Design Option (see notes 3 and 4)

(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