

***Bachelor of Science in Electrical Engineering
BSEE***

Sample Schedule:

Autumn		Winter		Spring	
First Year					
ENGR 1611 – Intro 1	4	ENGR 1622 – Intro 2	4	ENGR 1632 – Intro 3	4
MATH 1951 – Calculus I	4	MATH 1952 – Calculus II	4	MATH 1953 – Calculus 3	4
COMP 1451 – Engineering Programming	4	PHYS 1211 – University Physics I	5	PHYS 1212 – University Physics II	5
FSEM 1111 – First Year Seminar	4	WRIT 1122 – Academic Writing	4	WRIT 1133 – Writing and Research	4
		ENGR 1201 – Career Class I	1		
16 QH		18 QH		17 QH	
Second Year					
ENEE 2101 - Circuits 1	4	ENEE 2022 – Circuits 2	4	ENEE 2211 – Electronics	4
MATH 2080 – Calculus of Several Variables	4	ENGR 3100 – Instrum. and & Data Acq.	4	ENEE 3111 – Signals and Systems	4
UCC	4	UCC	4	ENEE 2611 – Electromagnetics	4
PHYS 1214 – Univ Physics III	4	MATH 2070 – Diff Eqs	4	ENEE 2101 – Digital Design	4
		ENGR 2201 – Career Class II	1		
16 QH		17 QH		16 QH	
Third Year					
ENEE 3210 – Microprocessors 1	4	ENGR 2610 – Integration I	3	ENGR 2620 – Integration II	3
ENEE 2223 – Adv. Electronics	4	ENEE 3231 – Embedded Systems Design	4	ENEE 3130 – Principles of Comms	4
ENEE 3611 – Engr Mathematics	4	ENEE 3721 / 3722 – Controls / Lab	4	ENEE 3723 – Digital Controls	4
ENGR 3530 – Intro Power	4	ENGR 3540 – Electric Power Systems	4	ENGR 3510 – Renewable Energies	4
		ENGR 3201 – Career Class III	1		
16 QH		16 QH		15 QH	
Fourth Year					
ENGR 3313 – Senior Design I	2	ENGR 3323 – Senior Design II	3	ENGR 3333 – Senior Design III	3
Technical Elective	4	ASEM 2XXX – Advance Seminar	4	Technical Elective	4
ENGR 2910 – Economics for Engineers	3	Technical Elective	4	UCC	4
ENEE 3735 – Linear Systems	4	ENGR 3202 – Career Class IV	1	UCC	4
13 QH		12 QH		15 QH	
Required Total Hours					
187 QH					