Computer Engineering Track

FIRST YEAR

FALL	CH110	General Chemistry	3	**16**
	EID101	Engineering Design	3	
	EID102	Engineering Graphics	1	
	MA110	Intro Linear Algebra	2	
	MA111	Calculus I	4	
	HSS1	HSS: Freshman Seminar	3	

SPRING	CH111	Chemistry Laboratory	1.5	**18.5**
	ECE150	Digital Logic Design	3	
	ECE160	Programming for Electrical Eng	3	
	MA113	Calculus II	4	
	PH112	Physics I (Mechanics)	4	
	HSS2	HSS: Texts and Contexts	3	

SECOND YEAR

FALL	ECE240	Circuit Analysis	3	**17.5**
	ECE291	EE Sophomore Projects	1	
	MA223	Vector Calculus	2	
	MA240	Ord & Part Differential Eqns	3	
	PH213	Physics II (Electromagnetics)	4	
	PH291	Intro Physics Lab	1.5	
	HSS3	HSS: Making of Modern Society	3	

SPRING	ECE210	MATLAB Seminar: Sig & Sys	0	**19**
	ECE211	Signal Proc & Sys Analysis	3	
	ECE241	Electronics I	3	
	ECE251	Computer Architecture	3	
	ECE264	Data Structures & Algorithms I	2	
	MA224	Probability	2	
	PH214	Physics III (Modern Physics)	3	
	HSS4	HSS: Modern Context	3	

THIRD YEAR

FALL	ECE300	Communication Theory	3	**17**
	ECE310	Digital Signal Processing	3	
	ECE342	Electronics II	4	
	ECE357	Operating Systems	3	
	ECE365	Data Structures & Algorithms II	2	
	ECE393	EE Junior Projects I	2	

SPRING	ECE302	Prob Models & Stoch Proc	3	**18**
	ECE303	Communication Networks	3	
	ECE366	Software Engineering	3	
	ECE394	EE Junior Projects II	3	
	MA352	Discrete Math	3	
	Hum/SS	Hum/Soc Sci elective	3	

FOURTH YEAR

FALL	ECE395	EE Senior Projects I	3	**15**	
		Eng/Sci/Math electives	6		
	Hum/SS	Hum/Soc Sci elective	3		
		Non-technical elective	3		
Additional electives for Integrated Masters			*3*		*18*

SPRING	ECE396	EE Senior Projects II	3	**14**	
		Eng/Sci/Math electives	8		
		Non-technical elective	3		
Additional electives for Integrated Masters			*6*		*20*

FIFTH YEAR (MASTER'S)

FALL	ECE499	Thesis	3	*12*
		Electives	9	

SPRING	ECE499	Thesis	3	*9*
		Electives	6	

Requirements for Bachelor's Degree   **135**

Requirements for Master's Degree   *165*