

Signals & Electronics Track

FIRST YEAR				THIRD YEAR						
FALL	CH110	General Chemistry	3	16	FALL	ECE300	Communication Theory	3	18	
	EID101	Engineering Design	3		ECE310	Digital Signal Processing	3			
	EID102	Engineering Graphics	1		ECE311	Hardware Design	3			
	MA110	Intro Linear Algebra	2		ECE342	Electronics II	4			
	MA111	Calculus I	4		ECE393	EE Junior Projects I	2			
	HSS1	HSS: Freshman Seminar	3		MA326	Linear Algebra	3			
SPRING	CH111	Chemistry Laboratory	1.5	18.5	SPRING	ECE302	Prob Models & Stoch Proc	3	19	
	ECE150	Digital Logic Design	3		ECE303	Communication Networks	3			
	ECE160	Programming for Electrical Eng	3		ECE335	Engineering Electromag	4			
	MA113	Calculus II	4		ECE345	Integrated Circuit Eng	3			
	PH112	Physics I (Mechanics)	4		ECE394	EE Junior Projects II	3			
	HSS2	HSS: Texts and Contexts	3		Hum/SS	Hum/Soc Sci elective	3			
SECOND YEAR				FOURTH YEAR						
FALL	ECE240	Circuit Analysis	3	17.5	FALL	ECE395	EE Senior Projects I	3	15	
	ECE291	EE Sophomore Projects	1		Eng/Sci/Math electives	6				
	MA223	Vector Calculus	2		Hum/SS	Hum/Soc Sci elective	3			
	MA240	Ord & Part Differential Eqns	3		Non-technical elective	3				
	PH213	Physics II (Electromagnetics)	4		**Additional electives for Integrated Masters	3	18			
	PH291	Intro Physics Lab	1.5		SPRING	ECE396	EE Senior Projects II	3		14
	HSS3	HSS: Making of Modern Society	3		Eng/Sci/Math electives	8	Non-technical elective	3		
SPRING	ECE210	MATLAB Seminar: Sig & Sys	0	17	**Additional electives for Integrated Masters	6	20			
	ECE211	Signal Proc & Sys Analysis	3		FIFTH YEAR (MASTER'S)					
	ECE241	Electronics I	3		FALL	ECE499	Thesis	3	12	
	ECE251	Computer Architecture	3		Electives	9				
	MA224	Probability	2		SPRING	ECE499	Thesis	3	9	
	PH214	Physics III (Modern Physics)	3		Electives	6				
	HSS4	HSS: Modern Context	3		Requirements for Bachelor's Degree				135	
Requirements for Master's Degree								165		