

Example Course Schedule: Dual Degree Program, BS Electrical E/MS SSTP

Term: Fall 1		
Course Number & Title	CR	Prerequisite(s)
Course Number & Title	CR	
MATH-181 PB Calculus I	4	
CHMG-131 General Chemistry for Engr	3	
Writing Seminar ENGL-150	3	
EEEE-105 Freshman Practicum	1	
First Year LAS Elective	3	
Perspectives-1 (global)	3	
Term credit total:	17	
Term: Fall 2		
Course Number & Title	CR	Prerequisite(s)
MATH-221 Multivariable and Vector Calculus	4	MATH-182
PHYS-212 University Physics II	4	PHYS-211, MATH-182
CMPR-271 Comp. Problem Solving for Engr	3	MATH 181
EEEE-281-Circuits I	3	MATH 182
Perspectives-4: Ethical	3	
Term credit total:	17	
Term: Fall 3		
Course Number & Title	CR	Prerequisite(s)
CO-OP		3rd Year Standing
Term credit total:	0	
Term: Fall 4		
Course Number & Title	CR	Prerequisite(s)
EEEE-420 -Embedded Systems Design	3	EEEE-220
EEEE-414- Classical Control	3	EEEE-353
EEEE-480 Analog Electronics	4	EEEE-380
LAS Immersion 1	3	
Free Elective: PUBL-701 Graduate Policy Analysis (double counted)	3	
Term credit total:	16	
Term: Fall 5		
Course Number & Title	CR	Prerequisite(s)
EEEE-484 Communication Sys(writ.Int)	3	MATH-251 & EEEE-353
EEEE-497 -Senior Design I	3	Fifth Year Status
EEEE-483 Mechatronics	3	EEEE-374 & EEEE-414
PUBL-700 Readings in PP	3	
LAS Immersion 3	3	
PUBL-703 Evaluation and Research Design	3	
Term credit total:	15	

Term: Spring 1		
Course Number & Title	CR	Prerequisite(s)
MATH-182 PB Calculus II	4	MATH-181
PHYS-211 University Physics I	4	MATH-181
Perspectives-2 (Artistic)	3	
EEEE-120 Digital Systems I	3	
Perspectives-3 (Social)	3	
	0	
Term credit total:	17	
Term: Spring 2		
Course Number & Title	CR	Prerequisite(s)
MATH-231 Differential Equations	3	MATH-182
EEEE-260-Semiconductor Devices	3	PHYS-212
EEEE-282-Circuits II	3	EEEE-281
EEEE-220- Digital Systems II	3	CMPR-271, EEEE-120
Restricted Elective	3	
Term credit total:	15	
Term: Spring 3		
Course Number & Title	CR	Prerequisite(s)
MATH-381 Complex Variables	3	MATH-221
EEEE-374-EM Fields & Trans Lines	4	PHYS-212 & MATH 231
EEEE-353-Linear Systems	4	EEEE-282, CMPR-211
EEEE-380 Digital Electronics	3	EEEE-281
Free elective	3	
Term credit total:	17	
Term: Spring 4		
Course Number & Title	CR	Prerequisite(s)
MATH-251 Probability and Statistics I	3	MATH-182
Graduate Professional Elective/Public Policy Elective 1 (double counted)	3	
LAS Immersion 2:	3	
PUBL-702 Graduate Decision Analysis	3	
Professional Elective	3	
Term credit total:	15	
Term: Spring 5		
Course Number & Title	CR	Prerequisite(s)
EEEE-498 -Senior Design II	3	EEEE-497
STSO-710 Science and Tech Policy Seminar	3	
Graduate Professional Elective/Public Policy Elective 2 ((double counted)	3	
Public Policy Elective 3	3	
Thesis Research	6	
Term credit total:	18	

Counts Towards Both BS and MS. This is just one way to double count classes. Talk to your advisor for other options.
 Counts Towards MS