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

Term: Fall 1			Term: Spring 1		
Course Number & Title	CR	Prerequisite(s)	**Course Number & Title**	CR	Prerequisite(s)
CMPE-110 Intro to Computer Engineering	1		CMPE-160 Digital Systems Design I	3	coreq-CSCI-141
CSCI-141 Computer Science I	4		CSCI-142 Computer Science II	4	CSCI-141
MATH-181 Project based Calculus I	4		MATH-182 Project based Calculus II	4	MATH-181
Writing	3		PHYS-211 University Physics I	4	MATH-181
Foundational elective	3		GenEd P-2 *Social*	3	coreq-MATH-182
GenEd P-3 *Artistic*	3		Physical Education	0	
Term credit total:	18		**Term credit total:**	18	
Term: Fall 2			Term: Spring 2		
Course Number & Title	CR	Prerequisite(s)	**Course Number & Title**	CR	Prerequisite(s)
CMPE-250 Assembly Language	3	CMPE-160 or EEEE-120,	CMPE-260 Digital Systems Design II	4	CMPE160 or CMPE-161, PHYS-212 or EEE-281
SWEN-261 Intro to Software Engineering	3	coreq-CSCI-142	MATH-231 Differential Equations	3	MATH-182
MATH-219 Multivariable Calculus	3	MATH-182	MATH-241 Linear Algebra I	3	MATH-219
MATH-190 Discrete Math	3	MATH-181	EEEE-281 Circuit Analysis I	3	MATH-182
PHYS-212 University Physics II	4	PHYS-211, MATH-182	GenEd Perspective *Ethical*	3	
EGEN-99 Co-op Preparation seminar	0				
Term credit total:	16		**Term credit total:**	16	
Term: Fall 3			Term: Spring 3		
Course Number & Title	CR	Prerequisite(s)	**Course Number & Title**	CR	Prerequisite(s)
CMPE-350 Computer Organization	3	CMPE-250	CMPE-499 Co-op		
CMPE-380 Applied Programming	3	MATH-231, MATH-241, CMPE-250			
EEEE-381 Electronics I	3	EEEE-281,			
EEEE-282 Circuit Analysis II	3	EEEE-281			
GenEd P-4 *Global*	3				
Term credit total:	15		**Term credit total:**	0	
Term: Summer 3					
CMPE-499 Co-op		10 weeks			
Term: Fall 4			Term: Fall 4		
Course Number & Title	CR	Prerequisite(s)	**Course Number & Title**	CR	Prerequisite(s)
MATH-251 Prob & Stat I	3	MATH-182	Free Elective	3	CMPE-350
Free Elective: PUBL-701 Policy Analysis	3		CMPE-570 Data & Commun.Networks	3	MATH-251
CMPE-480 Digital Signal Processing	3	CMPE-380	CMPE-460 Interface & Digital Electron.	4	EEE-282,EEEE381, CMPE250, coreq CMPE-380
CMPE-550 Computer Architecture	3	CMPE-350	Grad Professional Elective: Policy Elective	3	
GenEd Immersion 1:	3		PUBL-702 Grad Decision Analysis	3	
Term credit total:	15		**Term credit total:**	16	
Term: Fall 5			Term: Spring 5		
Course Number & Title	CR	Prerequisite(s)	**Course Number & Title**	CR	Prerequisite(s)
CMPE-530 Digital IC Design	3	CMPE-260, EEEE-282, EEEE-381	CMPE-496/498 Senior Design Projects II	3	CMPE-495/497
CMPE-495/497 Senior Design Projects I	3	CMPE-460, 2 co-op, 4th year standing in CMPE-BS	STSO-710 Sci, Tech Policy	3	
Professional Elective/Policy Gad Elective 2	3	MATH-251	GenEd Immersion 3	3	
PUBL-700 Grad: Readings in Public Policy	3		Policy Grad Elective 3	3	
PUBL-703 Evaluat. & Research Design	3		Thesis	6	
GenEd Immersion 2	3				
Term credit total:	18		**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