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

Term: Fall 1				Term: Spring 1		
Course Number & Title	CR	Prerequisite(s)		Course Number & Title	CR	Prerequisite(s)
YearOne Seminar	0			BIME-182 Intro to Programming	2	BIMI-181
BIME-181 Intro to Biomedical Engr	1			CHMG-142 Gen/Analytical Chem	3	CHMG-141
CHMG-141 Gen/Analytical Chem	3			CHMG-146 Gen/Analytical Chem Lab	1	CHMG 141, 145
CHMG-145 Gen/Analytical Chem Lab	1			MATH-182 Proj based Calc II	4	MATH-181
MATH-181 Proj. based Calc I	4			PHYS-211 Univ. Physics	4	MATH-181
Writing Seminar	3			Gen Ed Perspective 2	3	
Gen Ed Perspective 1	3				0	
Term credit total:	**15**			**Term credit total:**	**17**	
Term: Fall 2				Term: Spring 2		
Course Number & Title	CR	Prerequisite(s)		Course Number & Title	CR	Prerequisite(s)
BIME-200 Intro Musculoskeletal Biomech	3	MATH-182 or MATH-182A, CHMG-142		BIME-370 Biomaterials	3	CHMG-142, BIOG-140; BIME-200
BIME-250 Biosystems Process Analysis	3	CHMG-142		BIME-391 Biomech/Biomat Lab	2	BIME-200, BIME-370 and BIME-182 (Co-req)
BIOG-140 Cell/Bio for Eng. I	3	CHMG-146		BIME-320 Fluid Mechanics	3	PHYS-211, MATH-231
MATH-231 Diff Equations	3	MATH-182		BIOG-141 Cell/Mol Bio for Engr II	3	BIOG-140
EGEN-099 Engineering Co-op Pre	0			MATH-221 Multivariable & Vector Calc	4	Math 182
PHYS-212 Univ. Physics II	4			Gen Ed Perspective 3	3	
Term credit total:	**16**			**Term credit total:**	**18**	
Term: Fall 3				Term: Spring 3		
Course Number & Title	CR	Prerequisite(s)		Course Number & Title	CR	Prerequisite(s)
				BIME-410 Systems Physiology I	3	BIME-370, CHME-320, PHYS-212, BIOG-141
CO-OP		3rd Year Standing		BIME-440 Biomed & Analysis	4	BIME-250
				MATH-251 Prob & Stat for Engr	3	MATH-182
				BIOG-142 Biocomp./Immune	3	BIOG-141
				Gen Ed Perspective 4	3	None
Term credit total:	**0**			**Term credit total:**	**16**	
Term: Fall 4				Term: Spring 4		
Course Number & Title	CR	Prerequisite(s)		Course Number & Title	CR	Prerequisite(s)
BIME-411 Systems Physiology II	3	BIME-410, STAT 251				
BIME-407 Biomed Device Engr	3	BIME- 410 and BIME-440 or MECE-203 and MECE-310 or equiv.		Free Elective I/PUBL-702 Graduate Decision Analysis	3	
PUBL-701 Graduate Policy Analysis	3			BIME-Prof Elective/Grad Policy Elective 1	3	
BIME-450 Analysis of Complx Biosys	3	BIME-440, MATH-221, STAT-251		LAS Immersion #1	3	
BIME-491 Pgy Signal Analysis Lab	1	BIME-410, BIME-440		STSO-710 Sci Tech Policy	3	
ISEE-325 DOE for BME	3	STAT-251 or Math-251		LAS Immersion #2	3	
Term credit total:	**16**			**Term credit total:**	**15**	
Term: Fall 5				Term: Spring 5		
Course Number & Title	CR	Prerequisite(s)		Course Number & Title	CR	Prerequisite(s)
BIME-497 Multi-Disc Design I	3	5th yr standing		BIME-498 Multi-Disc Design II	3	BIME-497
BIME-460 Dyn/Ctrl Biomed Syst	3	BIME-411, 440, 450		Gen Ed Elective	3	
BIME-492 Sys Pgy Dyn and Ctrl Lab	1	BIME-411, ISEE-325, BIME-460 (co-req)		Grad BIME-Professional Elective/ Public Policy Elective 3	3	
PUBL-703 Evaluation & Research Design	3			Free Elective 2/GRAD Policy Elective 2	3	
PUBL-700 Readings in PP	3			LAS Immersion #3	3	
Thesis Research	3			Thesis Research	3	
Term credit total:	**16**			**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