

Name:				ID#:				Date:						
Email:				Grad Date:										
Term	BMES				ENGR			MATH /SCI			HUM			Cred
1	BMES 124 BME Sem I 2	BMES 201 BME Prog & Mod I 3						CHEM 101 Chem I 3.5	MATH 121 Calc I 4		ENGL 101 Comp Rhet I 3	UNIV 101 Drexel Experience 1		16.5
2	BMES 101 BME Design I 2							CHEM 102 Chem II 4.5	MATH 122 Calc II 4	PHYS 101 Physics I 4	ENGL 102 Comp Rhet II 3		CO-OP 101 (Winter or Spring) cr	17.5
3	BMES 102 BME Design II 2							BIO 122 Cells & Genetics 4.5	MATH 200 Multivar Calc 4	PHYS 102 Physics II 4	ENGL 103 Comp Rhet III 3	CIVC 101 Civic Engmnt 1	CO-OP 101 (Winter or Spring) cr	18.5
4	BMES 202 BME Prog & Mod II 3				ECE 201 Electric Circuits 4	ENGR 220 Fund of Materials 4	MEM 202 Statics 3	MATH 201 Linear Algebra 4						18
5	BMES 238 or MEM 238 Dynamics 3	BMES 338 Biomed Ethics 3	BMES 241 Model in BME Design I 2					BIO 218 Principles of Molec Bio 4	MATH 210 Diff Equations 4					16
6	BMES 345 Mechanics of Bio Sys 3	BMES 375 Comput Bioengin 4	BMES 432 Biomed Systems and Signals 3					CHEM 253 Thermo Kinetics 4	BIO 201 Physiology I 4					18
7	BMES 303 Lab III Biomed Electronics 2	BMES 310 BME Statistics 4	BMES 341 Model in BME Design II 2	BMES 451 Transport 4				BIOSCIENCE Restricted Elective 3						15
8	BMES 315 Exp Design BME Research 4	BMES 381 Jr Seminar I 2									GEN STUDY Restricted Elective 3	GEN STUDY Restricted Elective 3		12
9	BMES 302 Lab II Biomeasure 2	BMES 382 Jr Seminar II 2	BMES 337 Intro to Phys Cont Sys 4	BMES 444 Biofluid Mechanics 2	CONC Required Elective 3			BIOSCIENCE Elective 3						16
10	BMES 491 Sr. Design I 3	LAB Elective 2			CONC Required Elective 3			STEM Required Elective 3			GEN STUDY Restricted Elective 3			14
11	BMES 492 Sr. Design II 2	LAB Elective 2			CONC Required Elective 3			STEM Required Elective 3			GEN STUDY Restricted Elective 3			13
12	BMES 493 Sr. Design III 3							STEM Required Elective 3	STEM Required Elective 3		GEN STUDY Restricted Elective 3			12
TOTAL													186.5	

Bioscience Restricted Electives (1): BIO 203, 214, 224, 244, 311

Bioscience Elective (1): Any 200 level or higher Biology course

Lab Electives (2): BIO 202, BIO 215, BIO 219, BMES 301, BMES 304, BMES 305, CHEM 244, CHEM 245

Concentration Electives:

Biomaterials: CHEM 241, BMES 460, BMES 461

Biomechanics: MEM 201, BMES 441, BMES 442

Imaging: PHYS 201, BMES 421, BMES 422

Informatics: BIO 219, BMES 483, BMES 484

Neuroengineering: BIO 462, BMES 477, BMES 478

Tissue: BIO 219, BMES 471, BMES 472