

**Chemical Engineering BS to Biomedical Engineering MS Shared Credit Program Worksheet
(Using 2015+ Curriculum)**

	Course #	Class Name	Credits	Semester	Year	Shared Credit Course in UG program?
Req'd Core Courses	BME 547	BME Research Practices	3			
	BME 558	Methods of Analysis	3			

Choose at least 3	BME 544	Thermo of Bio Systems	3			
	BME 556	Prot & Nucleic Acids	3			
	BME 517	Appl Bio for Eng	3			
	BME 572	Biomaterials	3			
	BME 579	Tissue Eng	3			

Additional electives	BME 567	BME Research Seminar*	1*			
	BME 581	Colloid Nano for Biomed App	3			
	BME 598	Special Topics	3			
	BIOL 547	Adv Tech in Light Micro	3			
	BIOM 507	Adv Cell Bio	3			
	BIOM 510	Physiology	3			
	BIOM 515	Cancer Biology	3			
	CBE 512	Char Meth for Nano	3			
	CBE 515	Special Topics	3			
	CBE 518	Synth of Nanostructures	3			
	CBE 521	Adv Transport Phenom	3			
	CBE 522L	Fund of Nanofl	3			
	CBE 530	Surf Interf Phenom	3			
	CBE 551	Problems**	1*			
	CBE 561	Kinetics	3			
CBE 586	Intr Stats & DOE**	2				

Other electives (not listed above)						

Total Credits toward MS:****

Notes	Refer to course catalog to plan which semester you will take the courses listed above.
	Program is designed for 11 shared credits, including 2 Technical Electives (3.0 credits each), 2 semesters of research seminar (1.0 credits each), and CBE 586 (3.0 credits).
	*Research seminar is not required for the Plan III MS program. However, students may take the seminar up to 4 times for credit.
	***Problems credits may be taken in units of 1, 2, or 3 credits per semester. Maximum of 4 problem credits for this program.
	**Undergraduates from CBE must take the 586 version of CBE 486/586 to receive graduate credit for this course.
****Minimum total credits for Plan III (coursework only) MS degree is 30.	

Comments	
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