B.S. BIOMEDICAL ENGINEERING (BMED) DEGREE PETITION CHECKLIST
CATALOG YEAR 2019-2020

Required BMED course average GPA, MATH course average GPA, and overall GPA must each be at least 2.0.
39 hours of upper level (3000 or above) courses must be completed to satisfy degree requirements towards graduation.
The final 36 credit hours required for the degree must be earned in residence at GT or a GT approved study abroad or foreign exchange

NAME_____ STUDENT ID_____

Required Engineering and Science Courses: (76 Hours Total)

CHEM 1211K	_____ (4)	BMED 2210	_____ (3)	PHYS 2211	_____ (4)
CHEM 1315/2313	_____ (3)	BMED 2250	_____ (3)	PHYS 2212	_____ (4)
		BMED 2310	_____ (3)		
MATH 1551	_____ (2)	BMED 3100	_____ (3)	CS 1371	_____ (3)
MATH 1552	_____ (4)	BMED 3110	_____ (2)		
MATH 1553	_____ (2)	BMED 3310	_____ (3)	COE 2001	_____ (2)
MATH 2551	_____ (4)	BMED 3400	_____ (4)		
MATH 2552	_____ (4)	BMED 3520	_____ (3)	MSE 2001	_____ (3)
		BMED 3600	_____ (3)		
BMED 2400	_____ (3)	BMED 3610	_____ (2)	ECE 3710	_____ (2)
or ISyE/CEE 3770		BMED 4602	_____ (3)	ECE 3741	_____ (1)

General Education Courses: (26 Hours Total)

Humanities		Social Sciences		Wellness	
ENGL 1101	_____ (3)	♦U.S./GA Hist./Const.	_____ (3) _____	APPH 1040/1050	_____ (2)
ENGL 1102	_____ (3)		_____ (3)		
_____	_____ (3)	_____	_____ (3)		
_____	_____ (3)	_____	_____ (3)		

♦ *HIST 2111/2112, POL 1101, PUBP 3000 or INTA 1200 satisfies the U.S./GA History/Constitution requirement.*

BME Depth Electives (12 hours total) **Up to 6 hours research may apply (min 2 semesters in same lab and/or min of 6 hours of VIP required)**

BMED 4477	_____ (3)	BMED 4757	_____ (3)	BMED 4803	_____ (3)
BMED 4500	_____ (3)	BMED 4758	_____ (3)	BMED 4813	_____ (3)
BMED 4603	_____ (3)	BMED 4765	_____ (3)	ECE 2026	_____ (3)
BMED 4739	_____ (3)	BMED 4781	_____ (3)	**_____	_____ ( ) – UGR
BMED 4740	_____ (3)	BMED 4782	_____ (3)	**_____	_____ ( ) – UGR
BMED 4750	_____ (3)	BMED 4783	_____ (3)	_____	_____ ( )
BMED 4751	_____ (3)	BMED 4784	_____ (3)	_____	_____ ( )

BME Breadth Electives (15 hours total)

Pre-Health		Research Option**		Minor _____		Certificate _____	
CHEM 1212K	_____ (4)	LMC 4701	_____ (1)	_____ _____ ( )		_____ _____ ( )	
CHEM 2311	_____ (3)	LMC 4702	_____ (1)	_____ _____ ( )		_____ _____ ( )	
CHEM 2380	_____ (2)	_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	
CHEM 3511	_____ (3)	_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	
_____ _____ ( )		_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	

Note: Undergraduate Research (UGR) credit cannot be used as Depth Electives if the Research Option is selected for the Breadth Electives

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Additional Courses/Credits (*Courses NOT directly applicable or required for major degree requirements outlined above*)

_____ _____ ( )		_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	
_____ _____ ( )		_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	
_____ _____ ( )		_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	
_____ _____ ( )		_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	
_____ _____ ( )		_____ _____ ( )		_____ _____ ( )		_____ _____ ( )	

Total Hours Needed for BS BMED Degree: 131

Last Updated 4/5/2019