

B.S. BIOMEDICAL ENGINEERING (BMED) DEGREE PETITION CHECKLIST CATALOG YEAR 2021-2022

An average GPA of at least 2.0 is required for BMED core courses (BMED 1000-4602) and MATH courses (MATH 1551-2552).
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: (78 Hours Total)

CHEM 1211K _____ (4)	BMED 1000 _____ (1)	PHYS 2211 _____ (4)
CHEM 1315/2312 _____ (3)	BMED 2110 _____ (3)	PHYS 2212 _____ (4)
	BMED 2250 _____ (3)	
	BMED 2310 _____ (3)	
MATH 1551 _____ (2)	BMED 3100/4853 _____ (3)	CS 1371 _____ (3)
MATH 1552 _____ (4)	BMED 3110 _____ (2)	
MATH 1553 _____ (2)	BMED 3310 _____ (3)	COE 2001 _____ (2)
MATH 2551 _____ (4)	BMED 3410 _____ (3)	
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 4000 _____ (1)	ECE 3741 _____ (1)
	BMED 4602 _____ (3)	

General Education Courses: (26 Hours Total)

Humanities	Social Sciences	Wellness
ENGL 1101 _____ (3)	◆ Constitution/History _____ (3)	APPH 1040/1050/1060 _____ (2)
ENGL 1102 _____ (3)	_____ (3)	
_____ (3)	_____ (3)	
_____ (3)	_____ (3)	

◆ HIST 2111/2112, POL 1101, PUBP 3000 or INTA 1200 satisfies the Constitution/History 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)*

Please refer to the Approved Depth Elective Chart (found @ Canvas BMED AO) for non-BME course options; Depth electives are subject to change.

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, choose one option below)

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

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

** While CHEM 3511 is acceptable, pre-health students are encouraged to take both CHEM 4511 and 4512 instead of CHEM 3511.

Pre-health students should also take both PSYC 1101 and SOC 1101 to in preparation for the MCAT.

*** Any fallthrough additional credits can be used to round out the pre-health requirements.

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

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

Total Hours Needed for BS BMED Degree: 131