

BME Major

Graduating classes of **2019 and later** Course Requirements
(Matriculating Classes of 2015 and later)

Name

	Term/Yr Taken	Grade	
Writing			
1. Writing 101	_____	_____	
Mathematics and Natural Science			
2. MATH 111L or 21	_____	_____	
3. MATH 112L or 122L or 22	_____	_____	
4. MATH 212*	_____	_____	
5. MATH 216*	_____	_____	
6. MATH 353*	_____	_____	
7. CHEM 101DL or 110DL or 21	_____	_____	
8. CHEM 210DL or 201DL	_____	_____	
9. PHY 151L or 25	_____	_____	
10. PHY 152L or [26 + PHY _____]**	_____	_____	
11. Biology 201L	_____	_____	
12. Life Science Elective*** _____	_____	_____	
Engineering			
13. EGR 103L	_____	_____	
14. ECE 110L	_____	_____	
15. EGR 201L	_____	_____	
16. ME 221L	_____	_____	
17. BME 244L	_____	_____	
18. BME 260L	_____	_____	
19. BME 271 (or ECE 280L if taken before F18)	_____	_____	
20. BME 354L	_____	_____	
21. BME Design course _____	_____	_____	BME 432L, 436L, 460L, 462L, 464L, or 490L
Area			
22. BME Area Core Class _____	_____	_____	BME 301L, 302L, 303, or 307
23. BME Area Core Class _____	_____	_____	
24. BME Advanced Elective**** _____	_____	_____	
25. BME Advanced Elective**** _____	_____	_____	
26. BME Advanced Elective _____	_____	_____	
27. BME General Elective***** _____	_____	_____	BME General Electives can be at any level.
Humanities and Social Sciences			
28. _____	_____	_____	Five required. At least one SS and 2 from remaining Areas of Knowledge (FL, CZ, ALP). For depth, two must be from the same department, and one of those must be at the 200 level or higher. Limit of 2 APs.
29. _____	_____	_____	
30. _____	_____	_____	
31. _____	_____	_____	
32. _____	_____	_____	
Electives			
33. _____	_____	_____	
34. _____	_____	_____	

* BME/MATH dual-majors take Math 221+(212 or 222)+356 in place of Math 212+216+353.

** One Physics course must be taken. If AP for both, then Physics 153L is required. Students may not take Physics 151L at Duke and use AP credit for Physics 152L. Students who have IPC instead of AP for both Phys 151L and Phys 152L should take Phys 264.

*** See Table 7 of the BME Undergraduate Program Handbook for the approved Life Science elective courses.

**** Two of the Advanced Electives must be from the same Area of Focus (BB, EL, IM or MC) as one of the Area Core Classes taken.

***** An Advanced Elective may be taken instead.