

**BME with CEE as a second Major**

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

Name \_\_\_\_\_

	Term/Yr Taken	Grade	
<b>Writing</b>			
1. Writing 101	_____	_____	
<b>Mathematics and Natural Science</b>			
2. MATH 111L or 21	_____	_____	
3. MATH 112L or 122L or 22	_____	_____	
4. MATH 212	_____	_____	
5. MATH 216	_____	_____	
6. MATH 353	_____	_____	
7. STA 130	_____	_____	
8. CHEM 101DL or 110L or 21	_____	_____	
9. CHEM 210DL or 201DL	_____	_____	
10. PHY 151L or 25	_____	_____	
11. PHY 152L or [26 + PHY _____]*	_____	_____	
12. Biology 201L	_____	_____	
13. Life Science Elective** _____	_____	_____	
<b>Engineering</b>			
14. EGR 103L	_____	_____	
15. EGR 201L	_____	_____	
16. EGR 244L	_____	_____	
17. EGR 305	_____	_____	
18. ME 221L	_____	_____	
19. ECE 110L	_____	_____	
20. BME 244L	_____	_____	
21. BME 260L	_____	_____	
22. BME 271 (or ECE 280L if taken before F18)	_____	_____	
23. BME 354L	_____	_____	
24. BME/CEE Design course: _____	_____	_____	CEE 469, BME 427L, or BME 462L
<b>Area</b>			
25. BME 302L or BME 307** _____	_____	_____	
26. BME Advanced Elective** _____	_____	_____	
27. CEE 201L	_____	_____	
28. CEE 301L	_____	_____	
29. CEE 461L	_____	_____	
30. CEE 462L	_____	_____	
31. CEE 463L	_____	_____	
32. CEE elective*** _____	_____	_____	
<b>Humanities and Social Sciences</b>			
33. _____	_____	_____	Five required. At least one SS and at least 2 from the 3 remaining areas of knowledge (FL, CZ, ALP). For depth, 2 must be from the same dept., and at least one of those must be at the 200 level or higher. Limit 2 APs.
34. _____	_____	_____	
35. _____	_____	_____	
36. _____	_____	_____	
37. _____	_____	_____	

\* One Duke 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 152L should take Phys 264.  
 \*\* If BME 302L is taken, the Area Elective must come from the Biomaterials/Biomechanics (BB) Area of Focus.  
 If BME 307 is taken, the Area Elective must come from the Molecular, Cellular and Tissue Engineering (MC) Area of Focus.  
 \*\*\* CEE 661L, 563, 564, 561, 671, 562, 581, 685, 575, 672, 571.