

BME/ECE Dual Major
Classes of 2012-2014 Course Requirements
 (Matriculating Classes 2008-2010)

 Name

	Date Taken	Grade	
Writing			
1. Writing 101 (20)	_____	_____	
Mathematics and Natural Science			
2. MATH 111L (31L)	_____	_____	
3. MATH 112L (32L)	_____	_____	
4. MATH 212 (103)	_____	_____	
5. MATH 216 (107)	_____	_____	
6. MATH 353 (108)	_____	_____	
7. STA 130 (113)	_____	_____	
8. CHEM (21L) ^D or 101DL (31L)	_____	_____	
9. CHEM (22L) ^D or 210DL (32L) or 201DL (151L)	_____	_____	
10. PHY 151L (61L) *	_____	_____	
11. PHY 152L (62L) *	_____	_____	
12. Biology (25L) ^D or 201L (101L)	_____	_____	
13. Physiology or Life Science Elective **	_____	_____	
Engineering			
14. CompSci 201 (100)	_____	_____	
15. EGR 103L (53L)	_____	_____	
16. ECE 110L (27L)	_____	_____	
17. ECE 230L (51L)	_____	_____	
18. ECE 250L (52L)	_____	_____	
19. ECE 270L (53L)	_____	_____	
20. ECE 280L (54L)	_____	_____	
21. ECE Concentration elective _____	_____	_____	Two approved concentration elective in <i>one</i> area of ECE concentration.
22. ECE Concentration elective _____	_____	_____	
23. ECE Elective _____	_____	_____	Any ECE course at 300 (100) level or above
24. BME (83L) ^D or ME 221L (83L)***	_____	_____	
25. BME (110L) ^D or EGR 201L (75L)	_____	_____	
26. BME 260L (100L)	_____	_____	
27. BME 354L (154L)	_____	_____	
28. BME 436L (236L) or BME 464L (264L)	_____	_____	
	Area		
29. BME 301L (201L) or BME 303 (233)	_____	_____	
30. BME Area Elective ***** _____	_____	_____	
31. BME General Elective _____	_____	_____	
Humanities and Social Sciences			
32. _____	_____	_____	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 (100) level or higher. Limit of 2 APs.
33. _____	_____	_____	
34. _____	_____	_____	
35. _____	_____	_____	
36. _____	_____	_____	

^D This course has been dropped and does not have a new number.

* One Duke Physics course must be taken. If AP for both, then Physics 153L (63L) is required. Students may not take Physics 151L (61L) at Duke and use AP credit for Physics 152L (62L). Students who have IPC instead of AP for both Phys 151L (61L) and 152L (62L) should take Phys 264 (143).

** If BME 303 (233) is taken, choose from the approved list of Physiology Electives. If BME 301L (201L) is taken, choose from the approved list of Life Science Electives. The approved list for both can be found in the BME Undergraduate Program Handbook.

*** If ME 221L (83L) is taken, EGR 201L (75L) or BME (110L)^D should be taken first (prerequisites).

***** If BME 301L (201L) is taken the Area Elective must be from the Electrobiolology Area
 If BME 303 (233) is taken the Area Elective must be from the Imaging and Measurement Systems Area