

Electrical & Computer Engineering
ECE with BME Second Major (matric 2015 – 2017)

Name _____

Semester Taken Grade Notes

Writing

1. Writing 101		
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Mathematics and Natural Science

2. MATH 111L [or AP credit for Math 21]		
3. MATH 112L [or AP credit for Math 22]		
4. MATH 212		
5. MATH 216		
6. MATH 353		
7. Statistics elective _____		
8. CHEM 101DL [AP credit for Chem 21]		
9. CHEM 201DL or CHEM 210DL		
10. PHY 151L [or AP credit for Physics 25] *		
11. PHY 152L [or AP credit for Physics 26] *		
12. Biology 201L [cannot use AP credit]		
13. Life Science Elective ** _____		

Approved options: STA 130 or Math 230 or ECE 380 or ECE 555
 Alternate option : CHEM 110DL

ECE and BME Courses

14. EGR 103L		
15. CompSci 201		
16. ECE 110L		
17. ECE 230L		
18. ECE 250D		
19. ECE 270DL		
20. ECE 280L		
21. ECE Concentration Elective 1 *** _____		
22. ECE Concentration Elective 2 *** _____		
23. ECE Elective _____		
24. BME 244L		
25. EGR 201L		
26. ME 221L		
27. BME 260L		
28. BME 354L		
29. BME 301L or BME 303 ****		
30. BME Advanced Elective **** _____		
31. BME General Elective _____		
32. BME Design Elective _____		

Any ECE course at the 300-level or above

Approved options: BME 436L or 464L

Humanities and Social Sciences *****

Area

33. _____		
34. _____		
35. _____		
36. _____		
37. _____		

* To satisfy the Physics Requirement, students must take (or have AP credit for) PHYSICS 151L and 152L, and at least one physics course must be taken at Duke. If a student has AP credit for both 25 & 26, then one of PHYSICS 153L, 264, 361, 362, or 363 must be taken. Alternatively, AP credit for 26 can be waived by taking 152L. You do not have the option of taking PHY 151 and then using AP for PHY 26--unless the *only* Physics AP credit you have is for PHY 26.

** If BME 303 is taken, choose from approved list of Physiology Electives (see BME Handbook Table 7a)
 If BME 301L is taken, choose from the approved list of Life Science Electives (see BME Handbook Table 7)

*** Courses must be selected from the same concentration area.

**** If BME 301L is taken the Advanced Elective must be from the Electrobiolgy (EL) Area
 If BME 303 is taken the Advanced Elective must be from the Imaging and Measurement Systems (IM) Area

***** Five required. At least one SS and 2 from remaining areas of knowledge (FL, CZ, ALP). For depth, two must be from the same approved department or program --and one course must be at the 200-level, or above. See Pratt Policies & Procedures for detailed list of approved departments and programs (<http://www.pratt.duke.edu/undergrad/policies/3505#humanities>).