

**Electrical & Computer Engineering**

**ECE with PHYSICS Second Major (matric ≥ 2018)**

Name \_\_\_\_\_

(assuming one Math AP credit)

	Semester Taken	Grade	Notes
<b>Writing</b>			
1. Writing 101			
<b>Mathematics and Natural Science</b>			
2. AP credit for Math 21	Pre-matriculation	AP	
3. MATH 122L [or AP credit for Math 22]			
4. MATH 212			
5. MATH 216			
6. MATH 353			
7. Statistics elective _____			Approved options: STA 130 or Stat 240L or Math 230 or Math 340 or EGR 238L or ECE 380 or ECE 555
8. CHEM 101DL [or AP credit for Chem 20 or 21]			
9. PHY 151L [or AP credit for Physics 25] *			
10. PHY 152L [or AP credit for Physics 26] *			
11. PHY 264L			
12. PHY 361			
13. PHY 362			
14. PHY 363			Satisfies the ECE Extension elective
15. PHY 417S			
16. PHY 464			
17. PHY Elective _____			Any PHY course at the 200-level or above
18. PHY Elective _____			Any PHY course at the 300-level or above
<b>ECE Foundation Courses</b>			
19. EGR 101L			
20. EGR 103L **			
21. COMPSCI 201			
22. ECE 110L			
23. ECE 230L			
24. ECE 250D			
25. ECE 270DL			
26. ECE 280L			
<b>ECE Concentration &amp; Application Electives</b>			
27. ECE Concentration Elective 1 *** _____			
28. ECE Concentration Elective 2 *** _____			
29. ECE Concentration Elective 3 *** _____			
30. ECE Concentration Elective 4 *** _____			
31. ECE Elective _____			Any ECE course at the 300-level or above
32. ECE Design Elective _____			Options: ECE 449, 458, 459, 489, 532, 539, 559, or 496.01 (S20, S21) or 496.02 (S20, S21)
<b>Humanities and Social Sciences ****</b>			
33. _____	<b>Area</b>		
34. _____			
35. _____			
36. _____			
37. _____			

\* The sequence of PHY 161L and 162L is also accepted in lieu of PHY 151L and 152L.

\*\* Students who place into CompSci 201 are not required to take EGR 103L.

\*\*\* Courses must be selected from at least two areas, and at least two courses must be from the same area. The same course may not be used as a Concentration Elective and count as a required Design Elective or ECE Elective.

\*\*\*\* 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>)