

**Electrical & Computer Engineering**  
**ECE with COMPSCI Second Major (matric 2018 – 2020)**

Name \_\_\_\_\_

	Semester Taken	Grade	Notes
<b>Writing</b>			
1. Writing 101			
<b>Mathematics and Natural Science</b>			
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 _____			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] *			
<b>ECE and COMPSCI Courses</b>			
11. EGR 101L			
12. EGR 103L **			
13. ECE 110L			
14. ECE 230L			
15. ECE 250D			
16. ECE 270DL			
17. ECE 280L			
18. ECE 350L			
19. COMPSCI 201			
20. COMPSCI 307D or COMPSCI 308			
21. COMPSCI 310			
22. COMPSCI 330			
23. COMPSCI Elective _____			Any COMPSCI course at the 200-level or above
24. ECE Digital Systems Elective _____			From list of approved Digital Systems Concentration courses
25. ECE Concentration Elective *** _____			
26. ECE Extension Elective _____			Any Natural Science or Engineering course at the 300-level or above (or DUS-approved 200-level Natural Science course)
27. ECE Elective _____			Any ECE course at the 300-level or above
28. 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>			
29. _____			<b>Area</b>
30. _____			
31. _____			
32. _____			
33. _____			
<b>Electives</b>			
34. _____			

\* 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 post-matriculation. If a student has AP credit for both 25 & 26, then one of PHYSICS 153L, 175, 264, 361, or 362 must be taken. Alternatively, AP credit for 26 can be waived by taking 152L.

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

\*\*\* One course selected from the set of approved ECE Concentration Electives from outside the Computer Engineering and Digital Systems 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>).