

Electrical & Computer Engineering

ECE with Concentration in ML and COMPSCI Second Major (matric 2018 – 2020) Name _____

	Semester Taken	Grade	Notes
Writing			
1. Writing 101			
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 _____			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] *			
ECE and COMPSCI Courses			
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/ML5 _____			CS 371, CS 527, CS 571, or CS 671D From list of approved Digital Systems Concentration courses, with ML focus (e.g., ECE 661)
24. ECE Digital Systems Elective/ML3 _____			
25. ECE Concentration Elective/ML1 ECE 480			ECE 588, 682D, 685D, 687D, or ECE 590 with ML focus (w/ approval)
26. ECE Extension Elective/ML4 _____			
27. ECE Elective/ML2 ECE 580			Options: ECE 449, 458, 459, 489, 532, 539, 559, or 496.01 (S20, S21) or 496.02 (S20, S21)
28. ECE Design Elective _____			
Humanities and Social Sciences ***			
29. _____			Area
30. _____			
31. _____			
32. _____			
33. _____			
Electives			
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.

*** 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>).