

Appendix 4.1: Worksheet: Planning Your ECE M.S. Program

1. The six credits to meet the core requirement are (circle 2 courses from the listed below):
 - ECE 813: Advanced VLSI Design
 - ECE 820: Advanced Computer Architecture
 - ECE 821: Advanced Power Electronics and Applications
 - ECE 835: Advanced Electromagnetic Fields and Waves I
 - ECE 851: Linear Control Systems
 - ECE 863: Analysis of Stochastic Systems
 - ECE 874: Physical Electronics

2. The six credits in areas such as Mathematics, Statistics, and Physics are:
 - MTH 415, 421, 424, 425, 428H, 443, 451, 452, 461, 472,
 - MTH 810, 828, 829, 841, 842, 848, 849, 850, 851, 852, 881
 - STT 441, 442, 844, 861, 862
 - PHY 425B, 471, 472, 810, 841, 842, 851, 852
 - or other: _____

3. The number of ECE 899 thesis credits are: _____

4. Additional courses taken to meet breadth and depth interests are listed below (note these must include at least six credits from ECE courses at the 800 level or 900 level, not including ECE 801):

5. Check to make sure your program meets the University, College, and Department requirements as listed in the ECE Graduate Student Handbook and the MSU publication Academic Programs. Some important check list items are:
 - My advisor approves of these courses.
 - I will have the necessary prerequisites.
 - The courses are to be offered in the terms in which I plan to take them.
 - The total number of credits is at least 30.
 - All courses are at the 400 level or higher.
 - If Plan A (with thesis), the number of ECE 899 credits is between 4 and 8.
 - If Plan A (with thesis), the number of 800 level credits is at least 20.
 - If Plan B (course only), the number of 800 level credits is at least 18.