

ELECTRICAL ENGINEERING (MS)

Code	Title	Units
REQUIRED COURSES		
EE 5563	Graduate Seminar ¹	2
Select from the following:		6
Thesis		
EE 5599	Thesis ¹	
Comprehensive Examination		
EE 5594	Professional Engineer Examination	
or EE 5597	Comprehensive Examination	
& Select any 5000 level EE or CPE courses ²		
Electrical Engineering Core		
Select from the following: ³		8-9
EE 4406	Power System Analysis I	
EE 4410	Fundamentals of Power Electronics	
EE 4431	Computer-Aided Design of VLSI Devices	
EE 5502	Microwave and Millimeter Wave Device and System Electronics	
EE 5509	Computational Intelligence	
EE 5513	Modern Control Systems	
EE 5525	Stochastic Processes	
Approved Electives		
Select from the following: ^{2, 3, 4}		13-14
Select any 4000-5000 level EE or CPE courses		
Select any 4000-5000 level College of Engineering, MATH, STAT, or PHYS courses ⁴		
Total Units		30

¹ Course may need to be repeated to complete the degree requirements.

² Courses can only be used once for major degree credit.

³ A minimum of 18 units, of the required 30 units, must be at the 5000 level to complete the degree.

⁴ A maximum of 8 units of 4000-5000 level courses from College of Engineering, MATH, STAT or PHYS may be used to satisfy the Approved Electives requirement.