ELECTRICAL ENGINEERING M.S. PROGRAM  
EMPHASIS IN SIGNAL PROCESSING AND COMMUNICATIONS  
REQUIREMENT PATHWAYS FOR 2017 - 2018

**Requirements for Comprehensive Exam Track**  
(Total of 40 credits required):

- **FALL**
  - Depth Courses
    - 253
    - 262
    - 288
    - CMPE 264
  - EE Grad Courses
    - 216
    - 221
    - 227
    - 230
    - 241
    - 290*
    - 293-Electric Drives

- **WINTER**
  - Depth Courses
    - 252
    - TIM 206
    - 293-Smart Power Grids
    - 293-Optics and Microscopy
  - EE Grad Courses
    - 218
    - 222
    - 226
    - 290*

- **SPRING**
  - Depth Courses
    - 250
    - 251
    - 264
  - Comprehensives Exam
    - Passed
    - Not Passed

*EE 290 may be repeated for credit; three occurrences will count as one 5-unit EE graduate

**Note:** Grad courses are usually 5 credits each.

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**Requirements for Thesis Track**  
(Total of 45 credits required):

- **FALL**
  - Depth Courses
    - 253
    - 262
    - 288
    - CMPE 264
  - EE Grad Courses
    - 216
    - 221
    - 227
    - 230
    - 241
    - 290*
    - 293-Electric Drives

- **WINTER**
  - Depth Courses
    - 252
    - TIM 206
    - 293-Smart Power Grids
    - 293-Optics and Microscopy
  - EE Grad Courses
    - 218
    - 222
    - 226
    - 290*

- **SPRING**
  - Depth Courses
    - 250
    - 251
    - 264
  - Independent Study (EE297 or EE299)

*EE 290 may be repeated for credit; three occurrences will count as one 5-unit EE graduate.