The list below includes courses students’ should register for in their first semester within their focus area.

Full time enrollment for MS students at USC is a minimum of 8 units (2 or 3 courses, depending on the course units).

Placement Exams are available for the following courses: EE 441, EE 450, EE 457, EE 477, EE 479.

**Communications**: EE 441 (3), EE 450 (3), EE 503 (4), EE 511 (1), EE 567 (3)

**Computer Architecture**: EE 457 (4), EE 477 (4)

**Computer Engineering**: EE 450 (3), EE 457 (4), EE 477 (4), EE 503 (4), EE 511 (1)

**Computer Networks**: EE 450 (3), EE 457 (4), EE 503 (4), EE 511 (1)

**Controls**: EE 441 (3), EE 482 (3), EE 503 (4), EE 511 (1)

**Electric Power**: EE 443 (3), EE 444 (3), CE 501 (3), SAE 515 (3), EE 528 (3)

**Electromagnetics, Optics, Photonics**: EE 470 (3), EE 471 (3), EE 506 (3), EE 529 (3)

**Financial Engineering**: EE 503 (4), EE 518 (4), GSBA 548 (3)

**Multimedia & Creative Technologies**: EE 450 (3), EE 483 (3), EE 569 (3)

**Signal & Image Processing**: EE 441 (3), EE 483 (3), EE 503 (4), EE 511 (1)

**Wireless Health Technology**: EE 450 (3), EE 503 (4), MEDS 530a (4)

**Wireless Networks***: EE 450 (3), EE 503 (4), EE 511 (1)

**VLSI (Digital)**: EE 457 (4), EE 477 (4), EE 479 (4)

**VLSI (Mixed Signals)**: EE 477 (4), EE 479 (4), EE 508 (3), EE 537 (3)

*Students enrolled in the MS Wireless Networks program must pass the EE 450 placement exam or register for EE 450. Please note that if you register for EE 450, this course will not count toward your MS Wireless Networks degree.