

1st Semester Course Recommendations

The list below includes recommendations on which courses students' should register for in their first semester within their major or focus area.

<u>Majors/Focus Areas</u>	<u>1st Semester Course Recommendations</u>
Communications	EE 450 (3), EE 503 (4), EE 510 (4), EE 511 (1)
Computer Architecture	EE 457 (4), EE 477 (4), EE 542 (3)
Computer Engineering	EE 450 (3), EE 457 (4), EE 477 (4), EE 503 (4)
Computer Networks	EE 450 (3), EE 457 (4), EE 503 (4), EE 511 (1)
Controls	EE 482 (3), EE 503 (4), EE 510 (4), EE 511 (1)
Data Science	EE 503 (4), EE 510 (4), EE 511 (1), EE 542 (3)
Electric Power	EE 443 (3), EE 444 (3), CE 501 (3), SAE 515 (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)
Green Technologies	CE 469, (3), ENE 505 (3), CHE 510 (3), SAE 515 (3)
Multimedia & Creative Technologies	EE 450 (3), EE 483 (3), EE 503 (4), EE 510 (4)
Signal & Image Processing	EE 483 (3), EE 503 (4), EE 510 (4), EE 511 (1)
Wireless Health Technology	EE 450 (3), EE 503 (4), EE 567 (3), MEDS 530a (4)
Wireless Networks	EE 450 (3), EE 503 (4), EE 511 (1), EE 558 (3)
<i>Please note the two areas below are closely related and coursework may be combined:</i>	
VLSI (Digital)	EE 457 (4), EE 477 (4)
VLSI (Mixed-Signal Integrated Circuits)	EE 479 (4), EE 504 (3), EE 508 (3), EE 537 (3)

Notes:

- Full time enrollment for MS students at USC is a minimum of 8 units (2-3 courses).
- Placement Exams are available for the following courses: EE 450, EE 457, EE 477, EE 479.
- EE 590 and EE 598 are not allowed in your first semester.
- ENGR 595a may be taken in your first or second semester, in preparation for ENGR 595b during the Summer term, the first term you are eligible for internship.
- 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 degree.