

# Masters Degree Course Recommendations

<b>Quarter</b>	<b>First Year</b>	<b>Second Year</b>
<b>Autumn</b>	ME 547 Linear Systems ME 564 Engineering Analysis I ME 591Rob. & Cont. Sys. Colloquium ME 520 ME Seminar	ME 591Rob. & Cont. Sys. Colloquium
<b>Winter</b>	ME 548 Multivariable Control ME 565 Engineering Analysis II ME 591Rob. & Cont. Sys. Colloquium	ME 591Rob. & Cont. Sys. Colloquium
<b>Spring</b>	ME 549 Estimation/Identification ME 591Rob. & Cont. Sys. Colloquium	ME 591Rob. & Cont. Sys. Colloquium

## ELECTIVE COURSES

**WARNING:** Taking more than 3 regular courses a quarter is not recommended.

In addition to regular courses, take the seminar courses ME 591 and ME 520;  
ME 520 should be taken (only) in autumn of first year; take ME591 every quarter

<b>Autumn</b>	ME 471 Automatic Controls (if prior background in controls in not strong) ME498 Nano Devices	ME 510 Math Foundations ME 550 Nonlinear Optimal Control <b>(O)</b> ME 588 Dynamics and Vibrations
<b>Winter</b>	ME 581 Digital Control ME 477 Embedded Computing ME 594 Robust Control <b>(O)</b>	ME 589 Vibrations <b>(E)</b> ME 578 Optimization in Sys. Science AA 540 Finite Element Analysis
<b>Spring</b>	ME 549 Estimation/Identification ME 583 Nonlinear Control <b>(O)</b>	M E 590 Vibrations <b>(E)</b> ME 593 Feedforward Control <b>(E)</b> ME 582 Discrete Events <b>(E)</b>

### **NOTES:**

**(O)** Indicates that the course is offered in Odd Years only

**(E)** indicates that the course is offered in Even Years only