

Typical Program for Full-Time M.S. Students majoring in Mechanics & Design

	Fall Semester	Spring Semester	Summer
First Year	Mathematical Methods 1 (ME 6200) Technical Writing Seminar (MEIE 6800)* Research Seminar (MEIE 6850)* and one of: Dynamics & Vibration (ME 5655) Elasticity & Plasticity (ME 7210)	Research Seminar (MEIE 6850)* And any two of the following: Advanced Mechanics of Materials (ME 5650) Finite Element Method (ME 5657) Control & Mechatronics (ME 5659)	Research
Second Year	Dynamics & Vibration (ME 5655) or Elasticity & Plasticity (ME 7210) Elective or Thesis	Advanced Mechanics of Materials (ME 5650) or Finite Element Method (ME 5657) or Control & Mechatronics (ME 5659) and Elective or Thesis	Research and Graduate

Typical Program for Part-Time M.S. Students majoring in Mechanics & Design

	Fall Semester	Spring Semester	Summer
First Year	Mathematical Methods 1 (ME 6200)	Advanced Mechanics of Materials (ME 5650) or Finite Element Method (ME 5657) or Control & Mechatronics (ME 5659)	Elective or Vacation
Second Year	Dynamics & Vibration (ME 5655) or Elasticity & Plasticity (ME 7210)	Advanced Mechanics of Materials (ME 5650) or Finite Element Method (ME 5657) or Control & Mechatronics (ME 5659) or Elective	Elective or Vacation
Third Year	Elective	Advanced Mechanics of Materials (ME 5650) or Finite Element Method (ME 5657) or Control & Mechatronics (ME 5659) or Elective	Elective or Vacation or Graduate
Fourth Year	Elective	Elective	Graduate

*Technical Writing Seminar (MEIE 6800) and Research Seminar (MEIE 6850) are each zero Semester Hour (SH) courses. Most other courses are 4 SH each.

32 Semester hours of approved graduate courses are needed for graduation. The thesis option has 6 graduate courses plus 8 SH of thesis, whereas the non-thesis option has 8 graduate courses. See the Graduate School of Engineering website for details.