

**Typical Program for Full-Time M.S. Students majoring in Mechanics & Design
starting in the Spring Semester 2013**

	Fall Semester	Spring Semester	Summer
2012-13		1. Mathematical Methods 1 (ME 6200) OR Mathematical Methods 2 (ME 6201) 2. any one of the following: Advanced Mechanics of Materials (ME 5650) Finite Element Method (ME 5657) Control & Mechatronics (ME 5659) 3. Technical Writing Seminar (MEIE 6800)*	Research or Elective
2013-14	Research Seminar (MEIE 6850)* Any two of the following: Dynamics & Vibration (ME 5655) Elasticity & Plasticity (ME 7210) MS Thesis (4 SH)	Any two of the following: Advanced Mechanics of Materials (ME 5650) Finite Element Method (ME 5657) Control & Mechatronics (ME 5659) Elective	MS Thesis or Elective

One additional course is needed in the Fall 2014 for the thesis option.

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

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

**Requires one elective during one of the previous summers.

32 Semester hours of approved graduate courses are needed for graduation with the MS degree. 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.

For Program Advising contact Professor Adams (adams@coe.neu.edu). For other questions of an administrative nature (signing up for courses, closed courses, etc.) contact Ms. Cecile Braun-Jones c.braunjones@neu.edu in the Graduate School of Engineering (130 SN).