

Materials Science & Engineering MS (Thesis)

First Year		Second Year	
Fall Semester	Spring Semester	Fall Semester	Spring Semester
MSE 6001 Engineering Materials (3 credits)	MSE 6034 Kinetics (3 credits)	MSE 6970 Thesis Research: MS (4 credits)	MSE 6970 Thesis Research: MS (4 credits)
MSE 6032 Adv Thermodynamics (3 credits)	MSE 6011 Adv Characterization (3 credits)	MSE 7800 Graduate Seminar I (0.5 credits)	MSE 7801 Graduate Seminar II (0.5 credits)
MSE 7800 Graduate Seminar I (0.5 credits)	MSE 7801 Graduate Seminar II (0.5 credits)	MSE 6_____ MSE Grad Elective (3 credits)	MSE 6_____ MSE Grad Elective (3 credits)
		MSE 6_____ MSE Grad Elective (3 credits) Fall or Spring	



Department of Materials Science & Engineering
College of Engineering | University of Utah
 Academic Advisor: Marcie Leek | marcie.leek@utah.edu
 For further information visit: www.mse.utah.edu

Major Requirements

- No grade below B-
- 3.0 GPA is required



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Updated: Fall 2016

Materials Science and Engineering is an integrated discipline of chemistry, physics, and engineering. Many courses and all MSE courses are only offered one semester per year. Students will take a total of 30 credit hours in level 6000 (or above). Required: 3.0 GPA | All courses must be passed with a "B-" grade or better

Core Courses

- **MSE 6032 - Adv Thermodynamics** (3 credit) Grade: _____ Year: _____ (Fall semester)
- **MSE 6001 - Engineering Materials** (3 credit) Grade: _____ Year: _____ (Fall semester)
- **MSE 6034 - Kinetics** (3 credit) Grade: _____ Year: _____ (Spring semester)
- **MSE 6011 - Adv Characterization** (3 credit) Grade: _____ Year: _____ (Spring semester)

Graduate Seminar

- **MSE 7800 - Graduate Seminar I** (0.5 credit) Grade: _____ Year: _____ (Fall semester)
- **MSE 7800 - Graduate Seminar I** (0.5 credit) Grade: _____ Year: _____ (Fall semester)
- **MSE 7801 - Graduate Seminar II** (0.5 credit) Grade: _____ Year: _____ (Spring semester)
- **MSE 7801 - Graduate Seminar II** (0.5 credit) Grade: _____ Year: _____ (Spring semester)

Thesis Hours

- **MSE 6970 - Thesis Reserach: MS** (4 credit) Grade: _____ Year: _____ (Fall semester)
- **MSE 6970 - Thesis Reserach: MS** (4 credit) Grade: _____ Year: _____ (Spring semester)

Electives

- **MSE 6_____ - Grad Elective** (3 credit) Grade: _____ Year: _____ (Fall / Spring semester)
- **MSE 6_____ - Grad Elective** (3 credit) Grade: _____ Year: _____ (Fall / Spring semester)
- **MSE 6_____ - Grad Elective** (3 credit) Grade: _____ Year: _____ (Fall / Spring semester)

Thesis

- **Thesis Title:** _____
- **Thesis Defense Date:** _____

Supervisory Committee Chair Approval: _____ **Date:** _____