

Materials Science & Engineering BS/MS Program

Junior Year		Senior Year		Graduate Year		Program Information:
Fall	Spring	Fall	Spring	Fall	Spring	
MSE 3010 Mtls Processing (3 credits)	MSE 3011 Mtls Character (4 credits)	MSE 5098 Senior Design (2.5 credits)	MSE 5099 Senior Thesis (2.5 credits)	MSE 6970 Thesis Research (4 credit)	MSE 6970 Thesis Research (4 credit)	Application Requirements: <ul style="list-style-type: none"> • Must have MSE Major status • 3.5 GPA minimum • Three Letters of Recommendation • Personal Statement • Updated Degree Audit Deadlines: <ul style="list-style-type: none"> • April 1st - Spring of junior year apply to the department for admission to the BS/MS program • January 15th - Spring of senior year apply to the Graduate School for graduate student status MS Degree Requirements: <ul style="list-style-type: none"> • All courses must be passed with a "B-" grade or better • 3.0 GPA required • Complete a total of 30 graduate (6000 or above) credit hours <p>See mse.utah.edu for more information.</p>
MSE 3210 EPS (3 credits)	MSE 3310 Intro Ceramics (3 credits)	Tech Elective Section 1 (3 credits)	Tech Elective Section 2 (3 credits)	MSE 7800 Grad Seminar I (0.5 credit)	MSE 7801 Grad Seminar II (0.5 credit)	
ECE 2200 Elect Eng (1.5 credits)	MSE 5025 MPS (3 credits)	Tech Elective Section 3 (3 credits)	MSE 6011 Adv. Character (3 credit)	MSE 6001 Eng. Materials (3 credit)	MSE 6____ Grad Elective (3 credit)	
MSE 3032 Thermo (4 credits)	Tech Elective Section 1 (3 credits)	MSE 6032 Adv. Thermo (3 credit)	MSE 6034 Kinetics (3 credit)	MSE 6____ Grad Elective (3 credit)	MSE 6____ Grad Elective (3 credit)	
MSE 3410 Intro Polymers (3 credits)	MSE 5090 Case Studies (3 credit) CW					
	BS/MS Application Due April 1st		Grad School Application Due Jan. 15th			



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

Key

- Prerequisites Enforced →
- Application Deadlines
- Graduate level course



Materials Science & Engineering BS/MS

College of Engineering | University of Utah

Academic Advisor: Marcie Leek | marcie.leek@utah.edu

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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 6064 - 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 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:** _____