Materials Science & Engineering BS/MS Program

Junior Year		Senior Year		Graduate Year	
Fall	**Spring**	**Fall**	**Spring**	**Fall**	**Spring**
MSE 3010 Mtls Processing (3 credits)	**MSE 3011** Mtls Character (4 credits)	**MSE 5098** Senior Design (2 credits)	**MSE 5099** Senior Thesis (2 credits)	**MSE 6970** Thesis Research (4 credit)	**MSE 6970** Thesis Research (4 credit)
MSE 3210 EPS (3 credits)	**MSE 3310** Intro Ceramics (3 credits)	**Tech Elective** (3 credit)	**Tech Elective** (3 credit)	**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** (3 credit)	**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** (3 credit)	**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**		

Program Information:

Application Requirements:

- Must have MSE Major status
- 3.5 GPA minimum
- Three Letters of Recommendation
- Personal Statement
- Current DARS

Deadlines:

- **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:

- 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

See mes.utah.edu for more information.

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

Updated: *Fall 2016*

Materials Science & Engineering BS/MS

College of Engineering | University of Utah

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

For further information visit: www.mse.utah.edu

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: _____