

Materials Science & Engineering B.S. Major 2025-2026 (Traditional Calculus)

Pre-Major Status

First Year		Second Year		Third Year		Fourth Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
CHEM 1210 Chemistry I (4 credits)	CHEM 1220 Chemistry II (4 credits)	CHEM 2310 Org Chem (4 credits)	ME EN 2010 Statics (3 credits)	MSE 3410 Intro Polymers (3 credits)	MSE 5090 Communication (3 credit) CW	MET E 5450 Mech Behavior (3 credits)	MSE 5098 Senior Design (4 credits)
CHEM 1215 Chem Lab I (1 credit)	CHEM 1225 Chem Lab II (1 credit)	MSE 2010 Intro MSE (4 credits)	COMP 1010 Programming (3 credits)	MSE 3032 Thermo (4 credits)	MSE 3061 Transport (3 credits)	Tech Elective ENG Section 2 or Internship (3 credits)	MSE 5034 Kinetics (3 credit)
MATH 1210 Calc I (4 credits)	MATH 1220 Calc II (4 credits)	MATH 2210 Calc III (3 credits)	MATH 2250 ODEs/Lin Alg (4 credits)	MATH 3150 PDEs (2 credits)	MSE 3310 Intro Ceramics (3 credits)	MSE 3210 EPS (3 credits)	Tech Elective MSE Section 1 (3 credits)
Gen Ed. BF (3 credits)	MSE 1800 MSE I (2 credit)	PHYS 2210 Physics I (4 credits)	PHYS 2220 Physics II (4 credits)	MSE 3010 Mtls Processing (3 credits)	MSE 3011 Mtls Character (4 credits) QI	Gen Ed. + B.S. FF + IR (3 credits)	Gen Ed. + B.S. HF + DV (3 credits)
WRTG 1010 (3 credits)	WRTG 2010 (3 credits)	Organic Chemistry can be taken before or after Statics. Students must request a permission code from Mechanical Eng. to take ME EN 2020--statics.		Gen Ed. AI (3 credits)	Tech Elective MSE Section 1 (2-3 credits)	Gen Ed. PS (3 credits)	Gen Ed. LS (3 credits)
15 credits		14 credits		15 credits		15-16 credits	
		BS/MS Option To start process for BS/MS program see Undergraduate Academic Advisor.		BS/MS Option Department BS/MS Application Due April 1		BS/MS Option Students must pass transfer graduate classes with a B or better. See Graduate Academic Advisor.	
						BS/MS Option Grad School Application Due Jan 15	
						16 credits	



Department of Materials Science & Engineering
College of Engineering | University of Utah
www.mse.utah.edu

Minimum Required credits: 120
C grade or better in all major required courses
Non-emphasis or emphasis track

Key

- Prerequisites Enforced →
- Recommended Co-reqs - - →