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

Pre-Major Status (First Year through Second Year Fall) | **Major Status** (from Second Year Spring)

	First Year Fall	First Year Spring	Second Year Fall	Second Year Spring	Third Year Fall	Third Year Spring	Fourth Year Fall	Fourth Year 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) QI	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) QA	MATH 1220 Calc II (4 credits) QB	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. FF + IR (3 credits)	Gen Ed. LS (3 credits)
	WRTG 1010 (3 credits)	WRTG 2010 (3 credits)			Gen Ed. AI (3 credits)	Tech Elective MSE Section 1 (2-3 credits)	Gen Ed. PS (3 credits)	Gen Ed. HF + DV (3 credits)
Credits	15 credits	14 credits	15 credits	14 credits	15 credits	15-16 credits	15 credits	16 credits

Note (Second Year Fall): Organic Chemistry can be taken before or after Statics. Students must request a permission code from Mechanical Eng. to take ME EN 2020--statics.

BS/MS Option (Second Year Fall): To start process for BS/MS program see Undergraduate Academic Advisor.

BS/MS Option (Third Year Spring): Department BS/MS Application Due April 1

BS/MS Option (Fourth Year Fall): Students must pass transfer graduate classes with a B or better. See Graduate Academic Advisor.

BS/MS Option (Fourth Year Spring): Grad School Application Due Jan 15

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 --→

Updated: *Spring 2025*