

Materials Science & Engineering B.S. Major 2019-2020 (Traditional Calculus)

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)	MSE 2010 Intro MSE (4 credits)	CHEM 2310 Org Chem (4 credits)	MSE 3410 Intro Polymers (3 credits)	MSE 5090 Communication (3 credit) CW	MSE 5098 Senior Design (2.5 credits)	MSE 5099 Senior Thesis (2.5 credits)
CHEM 1215 Chem Lab I (1 credit)	CHEM 1225 Chem Lab II (1 credit)	ME EN 2010 Statics (3 credits)	MSE 3061 Transport (3 credits)	MSE 3032 Thermo (4 credits)	MSE 5034 Kinetics (3 credit)	Tech Elective MSE Section 1 (3 credits)	Tech Elective MSE Section 1 (3 credits)
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)	Tech Elective MET E Section 2 (3 credits)	Tech Elective Eng. Section 3 (3 credits)
MSE 1800 MSE I - Optional (1 credit)	MSE 1801 MSE I - Optional (1 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 / BF / HF) (3 credits)	Gen Ed. (FF / BF / HF) (3 credits)
WRTG 2010 Intro Writing (3 credits)	MSE 2001 Python (1.5 credits)		Gen Ed. AI (3 credits)	MSE 3210 EPS (3 credits)	Gen Ed. DV (FF / BF / HF) (3 credits)	MET E 5450 Mech Behavior (3 credits)	Gen Ed. IR (FF / BF / HF) (3 credits)
LEAP 1501 Eng LEAP I BF — or — MSE Ethics PHIL 3500, 3520, 3530, or 4540 HF (3 credits)	LEAP 1500 Eng LEAP II HF & DV — or — MSE Diversity (FF / BF / HF) (3 credits)			ECE 2200 Elect Eng (1.5 credits)			
16 credits	14.5 credits	14 credits	18 credits	16.5 credits	16 credits	14.5 credits	14.5 credits

Pre-Major Status

Major Status



Department of Materials Science & Engineering
College of Engineering | University of Utah
For further information visit: www.mse.utah.edu

Major Requirements

- C grade or better in all major required courses
- 2.3 GPA required

Key

- Prerequisites Enforced →
- Recommended co-requisites ⓘ