

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

Pre-Major Status	First Year		Second Year		Third Year		Fourth Year	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> CHEM 1210 Chemistry I (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> CHEM 1215 Chem Lab I (1 credit) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MATH 1310 Eng Calc I (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 1800 MSE I - Optional (1 credit) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> WRTG 2010 Intro Writing (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> LEAP 1501 Eng LEAP I BF or MSE Ethics PHIL 3500, 3520, 3530, or 4540 HF (3 credits) </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> CHEM 1220 Chemistry II (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> CHEM 1225 Chem Lab II (1 credit) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MATH 1320 Eng Calc II (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 1801 MSE I - Optional (1 credit) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Gen Ed. AI (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> LEAP 1500 Eng LEAP II HF & DV or MSE Diversity (FF / BF / HF) (3 credits) </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 2010 Intro MSE (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> ME EN 2010 Statics (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MATH 2250 ODEs/Lin Alg (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> PHYS 2210 Physics I (4 credits) </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> CHEM 2310 Org Chem (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 3061 Transport (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MATH 3140 PDEs (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> PHYS 2220 Physics II (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 2001 Python (1.5 credits) </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 3410 Intro Polymers (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 3032 Thermo (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 3010 Mtls Processing (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 3210 EPS (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> ECE 2200 Elect Eng (1.5 credits) </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 5090 Case Studies (3 credit) CW </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 5034 Kinetics (3 credit) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 3310 Intro Ceramics (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 3011 Mtls Character (4 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 5025 MPS (3 credits) </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 5098 Senior Design (2.5 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Tech Elective MSE Section 1 (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Tech Elective MET E Section 2 (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Gen Ed. (FF / BF / HF) (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Gen Ed. DV (FF / BF / HF) (3 credits) </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> MSE 5099 Senior Thesis (2.5 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Tech Elective MSE Section 1 (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Tech Elective Eng. Section 3 (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Gen Ed. (FF / BF / HF) (3 credits) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Gen Ed. IR (FF / BF / HF) (3 credits) </div>

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 ↯