

# Metallurgical Engineering B.S. Major 2025-2026

First Year		Second Year		Third Year		Fourth Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
<b>CHEM 1210</b> Chemistry I (4 credits)	<b>CHEM 1220</b> Chemistry II (4 credits)	<b>MSE 2010</b> Intro MSE (4 credits)	<b>ME EN 2010</b> Statics (3 credits)	<b>MATH 3070</b> Statistical Meth (4 credits)	<b>MSE 5090</b> Communication (3 credit) <i>CW</i>	<b>MET E 5450</b> Mech Behavior (3 credits)	<b>MET E 5760</b> Process Design I (4 credits)
<b>CHEM 1215</b> Chem Lab I (1 credit)	<b>CHEM 1225</b> Chem Lab II (1 credit)	<b>PHYS 2210</b> Physics I (4 credits)	<b>PHYS 2220</b> Physics II (4 credits)	<b>MET E 5260</b> Physical Met I (3 credits)	<b>MET E 5670</b> Mineral Process (3 credits)	<b>Emphasis</b> (2-3 credits)	<b>MET E 5780</b> Mtls Manufact (3 credits)
<b>MATH 1210</b> Calc I (4 credits)	<b>MATH 1220</b> Calc II (4 credits)	<b>MATH 2210</b> Calc III (3 credits)	<b>MATH 2250</b> ODEs/Lin Alg (4 credits)	<b>Gen Ed.</b> PS (3 credits)	<b>MET E 5750</b> Transport (3 credits)	<b>Emphasis</b> (3 credits)	<b>Emphasis</b> (3 credits)
<b>MET E 1630</b> Intro to Metal (3 credits)	<b>MSE 1800</b> MSE I (2 credit)	<b>Gen Ed.</b> AI (3 credits)	<b>MET E 3610</b> Thermo I (2 credits) <i>QI</i>	<b>MET E 3630</b> Thermo II (4 credits)	<b>MET E 5700</b> Low Temp Chem (3 credits)	<b>MET E 5710</b> High Temp Chem (4 credits)	<b>Gen Ed.</b> LS (3 credits)
<b>WRTG 1010</b> (3 credits)	<b>WRTG 2010</b> (3 credits)		<b>COMP 1010</b> Python (3 credits)		<b>Emphasis or Internship</b> (1-3 credits)	<b>Gen Ed. +B.S.</b> FF + IR (3 credits)	<b>Gen Ed. + B.S.</b> HF + DV (3 credits)
15 credits      14 credits		14 credits      16 credits		14 credits      13-15 credits		15-16 credits      16 credits	



Department of Materials Science & Engineering  
 College of Mines & Earth Sciences  
 University of Utah  
[www.mse.utah.edu](http://www.mse.utah.edu)

Total Program Credits: 119-120  
 Minimum Credits to Graduate: 122  
 C grade or better

**Key**  
 • Prerequisites Recommended →  
 • Recommended Co-reqs - - →

Updated: Fall 2025