

# Metallurgical Engineering B.S. Major 2021-2022

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>MET E 3070</b> Statistical Meth (3 credits)	<b>MET E 5670</b> Mineral Process (3 credits) <b>QI</b>	<b>MET E 5450</b> Mech Behavior (3 credits) <b>QI</b>	<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 3630</b> Thermo II (3 credits)	<b>MET E 5750</b> Transport (3 credits) <b>QI</b>	<b>MET E 5710</b> High Temp Chem (4 credits)	<b>MET E 5780</b> Mtls Manufact (3 credits)								
<b>MATH 1210</b> Calc I (4 credits) <b>QA</b>	<b>MATH 1220</b> Calc II (4 credits) <b>QB</b>	<b>MATH 2210</b> Calc III (3 credits)	<b>MATH 2250</b> ODEs/Lin Alg (4 credits)	<b>MET E 5260</b> Physical Met I (3 credits) <b>QI</b>	<b>MET E 5700</b> Low Temp Chem (3 credits) <b>QI</b>	<b>Tech Elective</b> or <b>Emphasis</b> (3 credits)	<b>Tech Elective</b> or <b>Emphasis</b> (3 credits)								
<b>MET E 1630</b> Intro to Metal (3 credits)	<b>MSE 2001</b> Python (1.5 credits)	<b>Gen Ed.</b> (3 credits)	<b>MET E 3610</b> Thermo I (3 credits) <b>QI</b>	<b>Tech Elective</b> or <b>Emphasis</b> (3 credits)	<b>Tech Elective</b> or <b>Emphasis</b> (3 credits)	<b>Tech Elective</b> or <b>Emphasis</b> or <b>Internship</b> (3 credits)	<b>Tech Elective</b> or <b>Emphasis</b> (3 credits)								
<b>MSE 1800</b> MSE I (1 credit)	<b>MSE 1801</b> MSE I (1 credit)	<b>Gen Ed.</b> (3 credits)	<b>Gen Ed.</b> (3 credits)	<b>Gen Ed.</b> (3 credits)	<b>Tech Elective</b> or <b>Emphasis</b> (3 credits)	<b>Gen Ed.</b> (3 credits)	<b>Gen Ed.</b> (3 credits)								
<b>WRTG 2010</b> Intro Writing (3 credits) <b>WR</b> or <b>LEAP 1501</b> Eng LEAP I BF	<b>Gen Ed.</b> (3 credits) or <b>LEAP 1500</b> Eng LEAP II HF & DV	<b>WRTG 3014</b> recommended as tech elective and fulfills CW				<b>Gen Ed.</b> (3 credits)									
16 credits		14.5 credits		17 credits		17 credits		15 credits		15 credits		16 credits		16 credits	

**Key**

- Prerequisites Recommended →
- Recommended Co-requisites !