

Metallurgical Engineering B.S. Major 2020-2021

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)	MET E 2300 Elem of Mech (2 credits)	MET E 3070 Statistical Meth (3 credits)	MET E 5670 Mineral Process (3 credits) QI	MET E 5450 Mech Behavior (3 credits) QI	MET E 5760 Process Design I (4 credits)
CHEM 1215 Chem Lab I (1 credit)	CHEM 1225 Chem Lab II (1 credit)	PHYS 2210 Physics I (4 credits)	PHYS 2220 Physics II (4 credits)	MET E 3630 Thermo II (3 credits)	MSE 3061 Transport (3 credits) QI	MET E 5710 High Temp Chem (4 credits)	MET E 5780 Mtls Manufact (3 credits)
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)	MET E 5260 Physical Met I (3 credits) QI	MET E 5700 Low Temp Chem (3 credits) QI	Tech Elective or Emphasis (3 credits)	Tech Elective or Emphasis (3 credits)
MET E 1630 Intro to Metal (3 credits)	MSE 2001 Python (1.5 credits)	Gen Ed. (3 credits)	MET E 3610 Thermo I (3 credits) QI	Tech Elective or Emphasis (3 credits)	Tech Elective or Emphasis (3 credits)	Tech Elective or Emphasis or Internship (3 credits)	Tech Elective or Emphasis (3 credits)
MSE 1800 MSE I (1 credit)	MSE 1801 MSE I (1 credit)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Tech Elective or Emphasis (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)
WRTG 2010 Intro Writing (3 credits) WR or LEAP 1501 Eng LEAP I BF	Gen Ed. (3 credits) or LEAP 1500 Eng LEAP II BF					Gen Ed. (3 credits)	
16 credits	14.5 credits	17 credits	16 credits	15 credits	15 credits	16 credits	16 credits



Department of Materials Science & Engineering
College of Mines & Earth Sciences
University of Utah
www.mse.utah.edu

Total Required credits: 125.5 or more
Emphasis: 12 or more credits
Technical Elective: 9 credits
C- grade or better

Key

- Prerequisites Recommended →
- Recommended Co-requisites !