Metallurgical Engineering B.S. Major 2025-2026

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)	ME EN 2010 Statics (3 credits)	MATH 3070 Statistical Meth (4 credits)	MSE 5090 Communication (3 credit) CW	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 5260 Physical Met I (3 credits) QI	MET E 5670 Mineral Process (3 credits) QI	Emphasis (2-3 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)	Gen Ed. PS (3 credits)	MET E 5750 Transport (3 credits) QI	Emphasis (3 credits)	Emphasis (3 credits)
MET E 1630 Intro to Metal (3 credits)	MSE 1800 MSE I (2 credit)	Gen Ed. AI (3 credits)	MET E 3610 Thermo I (2 credits) QI	MET E 3630 Thermo II (4 credits)	MET E 5700 Low Temp Chem (3 credits) QI	MET E 5710 High Temp Chem (4 credits)	Gen Ed. LS (3 credits)
WRTG 1010 (3 credits)	WRTG 2010 (3 credits)		COMP 1010 Python (3 credits)		Emphasis or Internship (1-3 credits)	Gen Ed. FF + IR (3 credits)	Gen Ed. HF + DV (3 credits)
15 credits	14 credits	14 credits	16 credits	14 credits	13-15 credits	15-16 credits	16 credits

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

Key
- Prerequisites Recommended →
- Recommended Co-reqs - - →