

Metallurgical Engineering B.S. Major 2022-2023

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)	MET E 3070 Statistical Meth (3 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 3630 Thermo II (4 credits)	MET E 5750 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)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	MET E 3610 Thermo I (2 credits) QI	Tech Elective or Emphasis (3 credits)	MET E 5670 Mineral Process (3 credits) QI	Tech Elective or Emphasis or Internship (3 credits)	Tech Elective or Emphasis (3 credits)
WRTG 2010 Intro Writing (3 credits) WR or LEAP 1501 Eng LEAP I BF	MSE 1800 MSE I (2 credit)	Gen Ed. (3 credits)	MSE 2001 Python (3 credits)	Gen Ed. (3 credits)	Tech Elective or Emphasis (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)
Gen Ed. (3 credits) or LEAP 1500 Eng LEAP II HF & DV	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)
15 credits		17 credits		16 credits		16 credits	