

Metallurgical Engineering B.S. Major 2021-2022

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)	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)	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)	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 HF & DV	WRTG 3014 recommended as tech elective and fulfills CW		Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)	Gen Ed. (3 credits)								
16 credits		14.5 credits		17 credits		17 credits		15 credits		15 credits		16 credits		16 credits	