

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) | |
| 15 credits | | 17 credits | | 16 credits | | 16 credits | |