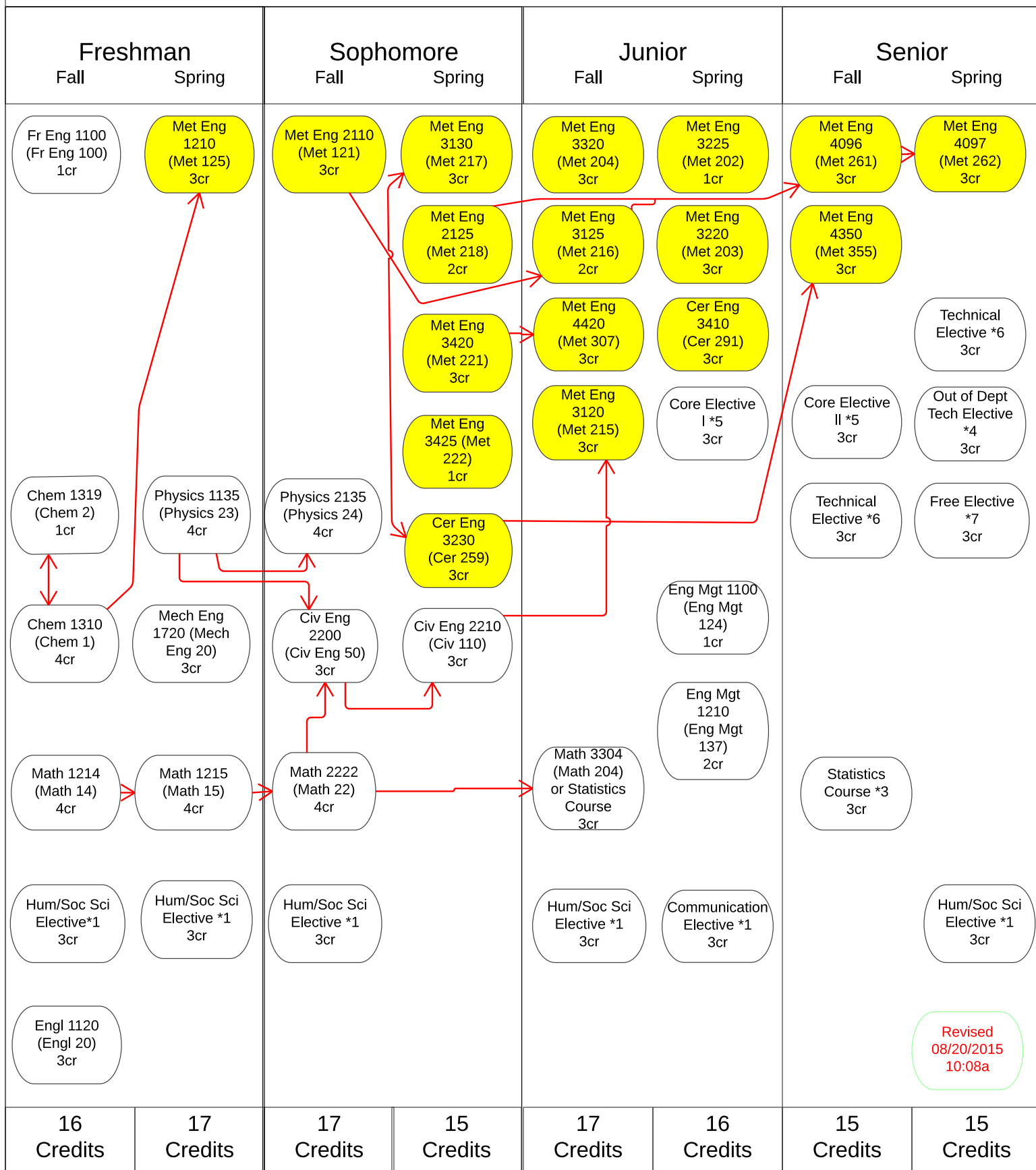


Missouri S&T Metallurgical Engineering Undergraduate Courses

This curriculum map is only a guide, students must ensure that they are meeting the curriculum requirements set by the department which teaches the courses in the curriculum.



1. Eighteen hours of required H/SS electives of which three hours must be history (HISTORY 1200, HISTORY 1300, HISTORY 1310, or POL SCI 1200), three hours of economics (ECON 1100 or ECON 1200) and three hours communications (ENGLISH 1160, ENGLISH 3560, or SP&M S 1185)
2. CHEM 1320 can be substituted for MET ENG 1210
3. All metallurgical engineering students must either take MATH 3304 and one statistics course (STAT 3113 or STAT 3115) or an introductory statistics course (STAT 3113 or STAT 3115) plus an advanced statistics elective (ENG MGT 5714, STAT 5120, STAT 5346, or STAT 5353)
4. CER ENG 3220 or CER ENG 5250 or CER ENG 5115, CHEM ENG 5320, CHEM 2210 or CHEM 2310 or CHEM 3410, ELEC ENG 2100 & ELEC ENG 2101 or ELEC ENG 2800, GEOLOGY 2610, MATH 3304 (if two stat courses taken 3) or MATH 5603 or MATH 5325, MECH ENG 5212 or MECH ENG 5220 or MECH ENG 5229 or MECH ENG 5236 or MECH ENG 5238 or MECH ENG 5282, MIN ENG 3412, PHYSICS 2305 or PHYSICS 2311
5. Met Core Electives (9 hours) Core Elective I - Introduction to Particulate Materials (MET ENG 4160) or Corrosion And Its Prevention (MET ENG 4230) Core Elective II - Steel-making (MET ENG 4450) or Steels and Their Treatment (MET ENG 4320)
6. Technical Electives (Met Eng or Approved listing)
7. Free Electives (3 hours)-algebra, trigonometry, basic ROTC, and courses considered remedial excluded