

Department of Chemical Engineering

Fall 2020—Spring 2022

Undergraduate Elective Courses

Class time schedules available on Banweb.

Fall 2020

- CM 2200 Intro to Minerals and Materials (3 cr)
- CM 3450 Computer-Aided Problem Solving (3 cr)
- CM 3979 Alternative Energy Technology and Processes (1 cr)
- CM 4000 Undergraduate Research (1-3 cr)
- CM 4020 U-grad Research in Mineral Proc Eng'g (1-3 cr)
- CM 4040 U-grad Research in Bioengineering(1-3 cr)
- CM 4060 U-grad Research in Polymer Eng'g (1-3 cr)
- CM 4080 U-grad Research in Biofuels Eng'g (1-3 cr)
- CM 4610 *Intro to Polymer Science (3 cr) - NOT a core engg elective*
- CM 4780* Biomanufacturing and Biosafety (3 cr)

Spring 2021

- CM 3825* Sampling, Statistics and Instrumentation (2 cr)
- CM 3830 Mineral Processing and Extraction Lab (1 cr)
- CM 4000 Undergraduate Research (1-3 cr)
- CM 4020 U-grad Research in Mineral Proc Eng'g (1-3 cr)
- CM 4040 U-grad Research in Bioengineering(1-3 cr)
- CM 4060 U-grad Research in Polymer Eng'g (1-3 cr)
- CM 4080 U-grad Research in Biofuels Eng'g (1-3 cr)
- CM 4510* Interfacial Engineering (3 cr)
- CM 4620 *Polymer Chemistry (3 cr) - NOT a core engg elective*
- CM 4740 Hydrometallurgy/Pyrometallurgy (4 cr)

Fall 2021

- CM 2200 Intro to Minerals and Materials (3 cr)
- CM 3450 Computer Aided Problem Solving (3 cr)
- CM 3979 Alternative Energy Technology and Processes (1 cr)
- CM 4000 Undergraduate Research (1 3 cr)
- CM 4020 U grad Research in Mineral Proc Eng'g (1 3 cr)
- CM 4040 U grad Research in Bioengineering (1 3 cr)
- CM 4060 U grad Research in Polymer Eng'g (1 3 cr)
- CM 4080 U grad Research in Biofuels Eng'g (1 3 cr)
- CM 4610 *Intro to Polymer Science (3 cr) NOT a core engg elective*
- CM 4710* Biochemical Processes (3 cr)

Spring 2022

- CM 3830 Mineral Processing and Extraction Lab (1 cr)
- CM 4000 Undergraduate Research (1 3 cr)
- CM 4020 U grad Research in Mineral Proc Eng'g (1 3 cr)
- CM 4040 U grad Research in Bioengineering(1 3 cr)
- CM 4060 U grad Research in Polymer Eng'g (1 3 cr)
- CM 4080 U grad Research in Biofuels Eng'g (1 3 cr)
- CM 4125* Bioprocess Engineering Lab (1 cr)
- CM 4505* Particle Technology (3 cr)
- CM 4620 *Polymer Chemistry (3 cr) NOT a core engg elective*
- CM 4650* Polymer Rheology (3 cr)
- CM 4740 Hydrometallurgy/Pyrometallurgy (4 cr)

*Starred courses are only offered every other year and will not be offered the following year.

Updated 5/28/20