

Department of Chemical Engineering

Fall 2017—Spring 2019

Undergraduate Elective Courses

Class time schedules available on Banweb.

Fall 2017

CM 2200 Intro to Minerals and Materials (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 4655 Polymer Rheology Lab (1 cr)
CM 4710* Biochemical Processes (3 cr)

Spring 2018

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 Laboratory (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)
CM 4770* Analytical Microdevice Technology (3 cr)

Fall 2018

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 4631 Polymer Science Lab (2 cr) - NOT a core engg elective*
CM 4655 Polymer Rheology Lab (1 cr)
CM 4780* Biomanufacturing and Biosafety (3 cr)

Spring 2019

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 4620 Polymer Chemistry (3 cr) - NOT a core engg elective
CM 4740 Hydrometallurgy/Pyrometallurgy (4 cr)

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