Department of Chemical Engineering
Fall 2016—Spring 2018
Undergraduate Elective Courses

Class time schedules are available on Banweb.

Fall 2016
CM 2200—Intro to Minerals and Materials (3cr)
CM 3450—Computer-Aided Problem Solving (3cr)**
CM 3979—Alternative Energy Technology and Processes (1cr)
CM 4000—Undergraduate Research (1-3cr)
CM 4020—U-Grad Research in Mineral Proc (1-3cr)
CM 4040—U-Grad Research in Bioengineering (1-3cr)
CM 4060—U-Grad Research in Polymer Eng’g (1-3cr)
CM 4080—U-Grad Research in Biofuels Eng’g (1-3 cr)
CM 4610—Introduction to Polymer Science (3cr) (may not be used as a core engineering elective)
CM 4631—Polymer Science Laboratory (2cr)** (may not be used as a core engineering elective)
CM 4655—Polymer Rheology Lab (1cr)

Spring 2017
CM 3825—Sampling, Statistics and Instrumentation (2cr)**
CM 3830—Mineral Processing and Extraction Lab (1cr)
CM 4000—Undergraduate Research (1-3cr)
CM 4020—U-Grad Research in Mineral Proc (1-3cr)
CM 4040—U-Grad Research in Bioengineering (1-3cr)
CM 4060—U-Grad Research in Polymer Eng’g (1-3cr)
CM 4080—U-Grad Research in Biofuels Eng’g (1-3 cr)
CM 4620—Polymer Chemistry (3cr) (may not be used as a core engineering elective)
CM 4740—Hydrometallurgy/Pyrometallurgy (4cr)

Fall 2017
CM 2200—Intro to Minerals and Materials (3cr)
CM 3979—Alternative Energy Technology and Processes (1cr)
CM 4000—Undergraduate Research (1-3cr)
CM 4020—U-Grad Research in Mineral Proc Eng’g (1-3cr)
CM 4040—U-Grad Research in Bioengineering (1-3cr)
CM 4060—U-Grad Research in Polymer Eng’g (1-3cr)
CM 4080—U-Grad Research in Biofuels Eng’g (1-3 cr)
CM 4610—Introduction to Polymer Science (3cr) (may not be used as a core engineering elective)
CM 4655—Polymer Rheology Lab (1cr)
CM 4710—Biochemical Processes (3cr)#

Spring 2018
CM 3830—Mineral Processing and Extraction Lab (1cr)
CM 4000—Undergraduate Research (1-3cr)
CM 4020—U-Grad Research in Mineral Proc (1-3cr)
CM 4040—U-Grad Research in Bioengineering (1-3cr)
CM 4060—U-Grad Research in Polymer Eng’g (1-3cr)
CM 4080—U-Grad Research in Biofuels Eng’g (1-3 cr)
CM 4125—Bioprocess Engineering Laboratory (1cr)#
CM 4505—Particle Technology (3cr)#
CM 4620—Polymer Chemistry (3cr) (may not be used as a core engineering elective)
CM 4650—Polymer Rheology (3cr)#
CM 4740—Hydrometallurgy/Pyrometallurgy (4cr)

**These courses are only offered every other year and will not be offered in 2017-2018.
#These courses are only offered every other year and will not be offered in 2018-2019.

All chemical engineering electives may be used as technical electives. In addition, these courses (except CM/CH 4610, CM/CH 4631, and CM/CH4620) can be used towards the core engineering elective requirement.