# Undergraduate Elective Courses

## 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 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 4610*** Intro to Polymer Science (3 cr) - NOT a core engg elective
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## Fall 2019
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- **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 2020
- **CM 3830** Mineral Processing and Extraction Lab (1 cr)
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- **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 4740** Hydrometallurgy/Pyrometallurgy (4 cr)
- **CM 4990** Membrane Separation Funds and Applications (3 cr)
- **CM 4990** Climate Change Science and Engineering (3 cr)

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

Class time schedules available on Banweb.

Updated 10/18/2018