Required Courses
10 credits

- CM2120 Fund of Chem Engg 2 (3), or CM2200 Intro to Minerals and Materials (3), or CM3810 Intro to Unit Operations (3), or CE3501 Env Engg Fundamentals (3), or CE3503 Environmental Engineering (3)
- BL2100 Intro to Biochem (3), or CH4710 Biomolecular Chemistry I (3)
- CM4125 Bioprocess Engineering Lab (1)
- CM4710 Biochemical Processes (3)

Elective Courses
Select at least 6 credits from the following:

- BL3210 Microbiology (4), or BL3310 Environmental Microbiology (3), or BL4220 Applied and Industrial Microbiology (3)
- CH4720 Biomolecular Chemistry II (3)
- BL4010 Biochem I (3)
- BL4020 Biochem II (3)
- BL4820 Biochem Lab I (2)
- CH4110 Pharmaceutical Chemistry – Drug Action (3)
- CH4120 Pharmaceutical Chemistry – Drug Design (3)
- CM4550 Industrial Chemical Production (3)
- BL4000 Undergraduate Research in Biological Sciences (1-3)
- CM4000 Undergraduate Research in Chem Eng (1-3)
- CM4990 Special Topics in CM (1-3)

* Maximum of 6 credits of 2000 level courses may count towards the mineral processing minor.