BACHELOR OF CHEMICAL ENGINEERING with PreMed Path - CME (141 CR)

2023/2024

SEM 1 (16 CR)	SEM 2 (17 CR)	SEM 3 (17 CR)	SEM 4 (16 CR)	SEM 5 (18 CR)	SEM 6 (16 CR)	SEM 7 (17 CR)	SEM 8 (16 CR)
ENG 100 (3) Writing Seminar I	HST 103 (3) Global History	ENG 200 (3) Writing Seminar II	CMM 100 (3) Oral Communication	Advanced Philosophy or Religion Elective (3)	Advanced Philosophy or Religion Elective (3)	Arts Elective (3)	Advanced History Elective (3)
PHL 103 (3) Intro to Philosophy	REL 103 (3) Intro to Religion	CME 203 (3) Material & Energy Balances	CME 281 (3) Chem Engr Computations	SSC 200 (3) Social Science Integrated	CME 306 (3)* Chem Reaction Kinetics and Engineering	CME 430 (3) Chemical Engineering Design I	CME 401 (0) Senior Seminar II
CHM 123 (3) General Chemistry I	CHM 124 (3) General Chemistry II	CME 211 (3) Intro to Thermo for Chem Engrs	CME 311 (3) Chem Engr Thermodynamics	CME 324 (3) Transport Phenomena I	CME 365 (3)* Separation Techniques	CME 452 (3) Process Controls	CME 431 (3) Chemical Engineering Design II
CHM 123L (1) General Chemistry I Lab	CHM 124L (1) General Chemistry II Lab	CHM 313 (3) Organic Chemistry I	CHM 314 (3) Organic Chemistry II	CME 381 (3)* Applied Math for Chem Engrs	CME 400 (1) Senior Seminar I	CME 465 (3)* Fluid Flow & Heat Transfer Processes	CME 453L (2) Process Control Laboratory
MTH 168 (4) Analytic Geom & Calculus I	PHY 206 (3) General Physics I	CHM 313L (1) Organic Chemistry I Lab	CHM 314L (1) Organic Chemistry II Lab	BIO 312 (3) General Genetics (ENGR/SCI EL)	BIO 403 (3) Physiology (Extra Course)	CME 466L (2) Chem Engr Unit Operations Lab	CME 325 (3) Transport Phenomena II
EGR 103 (2) Engineering Innovation	MTH 169 (4) Analytic Geom & Calculus II	MTH 218 (4) Analytic Geom & Calculus III	MTH 219 (3) Applied Differential Equations	BIO 411 (3) General Microbiology (ENGR/SCI EL)	CHM 420 (3) Biochemistry (Extra Course)	PHY 207 (3) General Physics II	CME 326L (2) Transport Phenomena Laboratory
EGR 150 (0) Enrichment Workshop I							
EGR 102 (0) Intro to Engr Seminar	CME 101 (0) Intro to Chemical Engr Seminar	EGR 200 (0) Professional Dev Seminar for Sophomores					

Summer (8 CR)

- BIO 151/L (3/1) Cellular & Molecular Bio (CHM/BIO EL)
- BIO 152/L (3/1) Evolution & Ecology (ENGR/SCI EL)

CME EL (3) Chemical Engineering Elective

Additional Suggested Courses MED 210 & MED 220

CAP Requirements
IN - CME 381
IQ -
FT -
PEA -
DSJ -

Fall Only | Spring Only

Corequisite ----
Prerequisite ——

*CME Core classes can be taken any order as long as prerequisites are completed

Math | Science | CME | CAP | EGR