School of Chemical & Biomolecular Engineering
Prerequisites/Co-requisites (Standard Option)
2023-2024 Catalog

Basic Math/Sciences
- Chemical Principles I
  - CHEM 1211K (4)
- Chemical Principles II
  - CHEM 1212K (4)
- Computing for Engineers
  - CS 1371 (3)
- Biological Principles
  - BIOS 1107 + 1107L (4)
- Diff. Calculus
  - MATH 1551 (2)
- Integral Calculus
  - MATH 1552 (4)
- Linear Algebra
  - MATH 1553 (2) / MATH 1554 (4)

Intro to CHBE
- Organic Chemistry I
  - CHEM 2311 (3)
- Organic Chemistry II
  - CHEM 2312 (3)
- Intro Physics I
  - PHYS 2211 (4)

CHBE Fundamentals
- Chemical Principles
  - CHEM Elective (3)
- Chemical Process Principles
  - CHBE 2100 (3)
- Chemical Kinetics
  - CHBE 3300 (2)
- Thermo
  - CHBE 2140 (4)
- Fluid Mechanics
  - CHBE 3205 (2)
- Heat and Mass Transfer
  - CHBE 3215 (4)

CHBE Unit Operations
- Synthesis Lab I
  - CHEM 2380 (2)
- Reactor Design
  - CHBE 4320 (2)
- Separation Processes
  - CHBE 3225 (3)
- Process Control Lab
  - CHBE 4412 (1)

CHBE Systems Design and Integration
- Process
  - CHBE Design (2)
- Proc. & Prod. Design & Economics
  - CHBE 4510 (2)
- Process Safety & Ethics
  - CHBE 4515 (1)
- Capstone
  - CHBE Design (2)

Intro Physics II
- PHYS 2212 (4)

Unit Ops
- CHBE 4200 (3)

Prerequisites/Co-requisites:
- Pre-requisite
- Pre-requisite with concurrency
  (Tail end must be taken before or simultaneously with arrow end)

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