



Chemical Engineering Five-Year (3-2), BA

Curriculum Map

FIRST YEAR

Fall Semester

CHEM 116

CHEM 119

MATH 221

MATH 230

DANL 201/ 202

Spring Semester

CHEM 118

CHEM 209/129

MATH 222

WRTG 105

World Lang 101

SECOND YEAR

Fall Semester

CHEM 211

CHEM 216

MATH 223

PHYS 123&114

World Lang 102

Spring Semester

CHEM 213

PHYS 125&116

MATH 326

Global Soc: DPP

Global Soc: CAI

THIRD YEAR

Fall Semester

CHEM 320

CHEM 340

CHEM 342

PHYS 223

Global Soc: SST

Global Soc: CGC

Spring Semester

CHEM 322

CHEM 330

CHEM 300

INTEG & APPL

Global Soc: WCV

SKILLS

- Chemical Synthesis, Separation, Purification, and Analysis
- Instrumentation & Technology
- Critical Thinking & Problem Solving
- Creativity & Innovation

CAREERS

Chemical Engineer
Biotechnology
Pharmaceuticals
Nanoscience & Advanced Materials
Medicine & Human Health
Environmental & Green Chemistry



KEY: MAJOR COURSE GENERAL EDUCATION REQUIREMENT
 ELECTIVE COURSE INTEGRATIVE & APPLIED LEARNING



GENESEO