



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

## Curriculum Map

FIRST YEAR	SECOND YEAR	THIRD YEAR
<b>Fall Semester</b>	<b>Fall Semester</b>	<b>Fall Semester</b>
CHEM 116/203	CHEM 211/223	CHEM 320
CHEM 119	CHEM 216	CHEM 340
MATH 221	MATH 223	CHEM 342
MATH 230	PHYS 123&114	PHYS 223
DANL 100	World Lang 102	Global Soc: SST
<b>Spring Semester</b>	<b>Spring Semester</b>	<b>Spring Semester</b>
CHEM 118/204	CHEM 213/224	CHEM 322
CHEM 209/129	PHYS 125&116	CHEM 330
MATH 222	MATH 326	INTEG & APPL
WRTG 105	Global Soc: DPP	Global Soc: WCV
World Lang 101	Global Soc: CAI	Global Soc: CGC

## 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