2018-19	2019-20	2020-21
Fall	**Fall**	**Fall**
CHEM 1601 - General Chemistry I - 3 hours	CHEM 2221 - Organic Chemistry I - 3 hours	ChBE 2150 - Molecular and Cell Biology - 3 hours
CHEM 1601L - General Chemistry I Lab - 1 hour	CHEM 2221L - Organic Chemistry I Lab - 1 hour	ChBE 3200 - Phase Equilibria and Stage-Based Separations - 3 hours
MATH 2300 - Multivariable Calculus - 3 hours	MATH 2420 - Methods of Ordinary Differential Equations - 3 hours	ChBE 3300 - Fluid Mechanics and Heat Transfer - 3 hours
ES 1401,1402,1403 - Intro to Engineering Modules - 3 hours	PHYS 1602 - General Physics II - 3 hours	CHEM 3300 - Physical Chemistry - 3 hours
SOC 1030 - Environment and Society - 3 hours	PHYS 1602L - General Physics II Lab - 1 hour	CS 2212 - Discrete Structures - 3 hours
ES 1115 - Moore's Law Seminar - 1 hour	ChBE 2100 - Chemical Process Principles - 3 hours	
	CS 1101 - Programming and Problem Solving - 3 hours	
	ChBE 3860 - Undergraduate Research - 1 hour	
TOTAL: 14 hours	*TOTAL: 18 hours*	*TOTAL: 15 hours*
Spring	**Spring**	**Spring**
CHEM 1602 - General Chemistry II - 3 hours	CHEM 2222 - Organic Chemistry II - 3 hours	ChBE 3250 - Chemical Reaction Engineering - 3 hours
CHEM 1602L - General Chemistry II Lab - 1 hour	CHEM 2222L - Organic Chemistry II Lab - 1 hour	ChBE 3350 - Mass Transfer and Rate-Based Separations - 3 hours
PHYS 1601 - General Physics I - 3 hours	ChBE 2200 - Chemical Engineering Thermodynamics - 3 hours	ChBE 3900W - Chemical Engineering Lab I - 3 hours
PHYS 1601L - General Physics I Lab - 1 hour	ChBE 2250 - Modeling and Simulation in Chemical Engineering - 3 hours	CS 3251 - Intermediate Software Design - 3 hours
CS 1103 - Introduction to Programming - 3 hours	CS 2201 - Program Design and Data Structures - 3 hours	PHIL 2100 - Ancient Philosophy - 3 hours
AMER 1002 - Introduction to American Studies - 3 hours	ChBE 2900W - Technical Communication for Chemical Engineers - 1 hour	
TOTAL: 14 hours	*TOTAL: 14 hours*	*TOTAL: 15 hours*