

Chemical Engineering, Biomolecular Concentration • 4 Year Curriculum



YEAR 1		YEAR 2		YEAR 3		YEAR 4	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
MATH 221 Calculus I	MATH 231 Calculus II	MATH 241 Calculus III	MATH 257 or MATH 415 Linear Algebra	CHBE 411 ChBE ProbStat	MCB 450	CHBE 440 Process Control	CHBE 431 Process Design
CHEM 202 Acc Chem I	PHYS 211 Physics 1	PHYS 212 Physics 2	MATH 285 Differ Eqns	CHEM 442 Phys Chem	CHBE 422 Mass Transfer	CHBE 430 Unit Ops Lab	CHBE Cat A Tech Elect
CHEM 203 Chem Lab	CHEM 204 Acc Chem II	CHEM 236 Org Chem I	PHYS 214 Physics 4	CHEM 420 Analytical Chem	CHBE 424 Reaction Engr	ChBE Cat A Tech Elect	Tech Elect Cat A or Cat B
ENG 100 GCOE Orientation	CHEM 205 Chem Lab	CHEM 237 Org Chem Lab	CS 101 Intro CS	CHEM 315 Chem Lab	Tech Elect List 1 or 2 400 level	CHBE Cat A Tech Elect	Tech Elect Cat A or Cat B
Gen Ed Elect	CHBE 121 CHBE Profession	CHBE 221 Principles ChE	CHBE 321 Thermodynamics	CHBE 421 Momentum/Heat	Gen Ed Elect	Gen Ed Elect	Gen Ed Elect
Gen Ed Elect	Gen Ed Elect						

■ Math
 ■ Chemistry
 ■ Physics
 ■ Computer Science
 ■ Chemical Engineering
 ■ Technical Electives
 ■ General Education Electives