

This chart is to be used as a reference guide only.
Individual student charts are issued by the Offices of Admissions and Registrar.

Major: **CHEMISTRY** with
PRE-Pharm D. Usclences

BRIDGE GENERAL EDUCATION: 42 - 49 CR			CRS	GR	CHEMISTRY - BA			CRS	GR	ELECTIVES			CRS	GR
Pathway to the Bridge (GEN101)			2		CH113 General Chemistry I			4						
Cornerstone: Discovering the Self (GEN199)▲			3		CH114 General Chemistry II			4						
Academic Writ & Research I (EN111)			3		CH223 Organic Chemistry I			4						
OR					CH224 Organic Chemistry II			4						
Honors Argument: Rhetoric & Research (EN221)			3		CH241 Quantitative Analysis			4						
History (US or World)			3		CH304 Chemical Literature			2						
Literature			3		CH311 Biochemistry I OR			4						
Philosophical Inquiry (PL245)			3		CH331 Quantum Chemistry			4						
Visual & Performing Arts			3		CH332 Reaction Dynamics			4						
Modern Language;Culture;Global			3		CH420 Chemistry Seminar			1						
Social Sciences■ EC180 or EC181 or EC182			3											
Social Sciences■ PS111 Intro or PS113 Found or S0101 Prin			3											
Nat Sciences (w/lab) BI121 Cell Organiz			4											
Quantitative Analysis BI203 Exp Des & Stats			3											
Experiential Learn (ServLearn or Intern or Ed Abroad)			///											
COMMON INTELLECTUAL EXPERIENCE														
R Religious Studies			3											
R Ethics			3											
R Shaping Lives: Women & Gender (WS311)			3											
R Capstone: Visioning a Future (GEN400)			3											
■Must select courses from two separate subject areas														
STUDENTS ENTERING AS FRESHMEN:					ADDITIONAL MAJOR REQUIREMENTS			CRS	GR					
Complete all General Education requirements.					BI204 Genetics & Evol			4						
Courses in BOLD print are required for the major.					BI213 Human Anat & Phy I			4						
STUDENTS ENTERING AS TRANSFERS:					BI214 Human Anat & Phy II			4						
_____ courses needed to complete gen ed requirements as follows:					BI219 Microbiology ❖			4						
4 CIE courses marked with R.					CM105 Presentation Skills			3						
_____ courses in BOLD print (required for the major).					MA115 Calculus I			4						
_____ additional courses from gen ed categories not already filled.					MA116 Calculus II			4						
NJ Community College General Education Courses			CRS	GR	PH121 General Physics I			4						
					PH122 General Physics II			4						
					❖Additional coursework is necessary. Student should see Dr. Michael Gross for more information.									
					WRITING INTENSIVE (WI) REQUIREMENT ▲			CRS	GR					
					Writing Intensive #1			/						
					Writing Intensive #2			/						
					Writing Intensive #3			/						
					Capstone: Visioning a Future (GEN400)			/						
					▲ GEN199 fulfills the Gen Ed Cornerstone and a WI req. Other WI courses may fulfill General Education, major, or minor requirements, or may be taken as general electives.									