

CHEMICAL ENGINEERING – BIOLOGY OR PHARMACEUTICAL TRACK

CCRI students who wish to transfer to URI's Bachelor of Science in chemical engineering must have a minimum grade point average of 2.5 in the mathematics, science, and engineering courses being transferred.

From: CCRI A. S. Engineering		To: URI B.S. Chemical Engineering	
ENGLISH			
ENGL 1010	Composition I (3)	WRT 104	Writing to Inform (3) [GE-Cw]
◆ENGL 2100	Technical Writing (3)	WRT 333	Scientific and Technical Writing(3) [GE-Cw]
MATH			
MATH 1910	Calculus I (4)	MTH 141	Introduction to Calculus (4) [GE-M]
MATH 1920	Calculus II (4)	MTH 142	Intermediate Calculus (4) [GE-M]
MATH 2910	Calculus III(4)	MTH 243	Multivariable Calculus (3) +
		MTH 2XX (1)	
MATH 2990	Advanced Engineering Mathematics (4)	MTH 362	Advanced Engineering Mathematics I (3) +
		MTH 3XX (1)	
SCIENCE			
CHEM 1030	General Chemistry I (5)	CHM 101	General Chemistry I (3)+ [GE-N]
		CHM 102	General Chemistry I Lab (1) +
		CHM 1XX (1)	[GE-N]
ENGR 2150	Introduction to Electrical Engineering (3)	PHY 204	Elementary Physics II (3) [GE-N]
ENGR 2151	Introduction to Electrical Engineering Lab (1)	PHY 274	Elementary Physics II Lab (1) [GE-N]
PHYS 1100	Engineering Physics (4)	PHY 203	Elementary Physics I (3) + [GE-N]
		PHY 273	Elementary Physics I Lab (1) [GE-N]
SOCIAL SCIENCE			
ECON 2030	Principles of Microeconomics (3)	ECN 201	Economic Principles: Microeconomics (3) [GE-S]
◆ECON 2040	Principles of Macroeconomics (3)	ECN 202	Economic Principles: Macroeconomics (3) [GE-S]
LIBERAL ARTS ELECTIVE			
◆HIST 1210	United States History to 1877 (3)	HIS 141	United States History to 1877 (3) [GE-L]
◆HIST 1220	United States History from 1877 (3)	HIS 142	United States History since 1877 (3) [GE-L]
CONCENTRATION FOR TRANSFERRING TO URI			
BIOL 1002	General Biology (4)	BIO 101	Principles of Biology I (4)
BIOL 2480	General Microbiology (4)	MIC 211	Introduction to Microbiology (4)
CHEM 1100	General Chemistry II (5)	CHM 112	General Chemistry II (3) [GE-N]
		CHEM 114	General Chemistry II Laboratory (1) +
		CHM 1xx (1)	
CHEM 2270	Organic Chemistry I (3)	CHM 227	Organic Chemistry I (3)
ENGR 1020	Introduction to Engineering and Technology (3)	EGR 105	Foundations of Engineering I (1) +
		EGR 1xx (2)	
ENGR 2160	Introduction to Engineering Analysis (2)	EGR 106	Foundations of Engineering II (2)

◆Indicates a recommended course or course option. Consult an advisor and the Transfer Guide in selecting a course to meet this requirement.