

BIOMEDICAL ENGINEERING

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

From: CCRI <i>A. S. Engineering</i>		To: URI <i>B.S. Biomedical Engineering</i>	
ENGLISH			
ENGL 1010	Composition I (3)	WRT 104	Writing to Inform & Explain (3) [GE-Cw]
◆ ENGL 2100	Technical Report 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)
MATH 2990	Advanced Engineering Mathematics (4)	MTH 362	Advanced Engineering Mathematics I (3)
SCIENCE			
CHEM 1030	General Chemistry I (5)	CHM 101	General Chemistry I (3) + [GE-N]
		CHM 102	General Chemistry I Lab (1) + [GE-N]
			Elective Credit (1)
CHEM 1190	Health Sciences Chemistry II (5)	CHM 124	Intro to Organic Chemistry (3) +
		CHM 1XX	(2)
ENGR 2150	Introduction to Electrical Engineering (3)	PHY 204	Elementary Physics II (3)
ENGR 2151	Introduction to Electrical Engineering Lab (1)	PHY 274	Elementary Physics II Lab (1)
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	Principles of Economics: Microeconomics (3) [GE-S]
LIBERAL ARTS ELECTIVES			
◆ 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 from 1877 (3) [GE-L]
CONCENTRATION FOR TRANSFERRING TO URI			
BIOL 1010	Human Anatomy (4)	BIO 121	Human Anatomy (4)
BIOL 1020	Human Physiology (4)	BIO 242	Intro to Human Physiology (3) +
		BIO 244	Intro to Human Physiology Lab (1)
BIOL 1300	Orientation to Biotechnology (1)	BME 181	Biomedical Engineering Seminar I (1)
BME 207*	Intro to Biomedical Engineering (3) *URI course	BME 207	Intro to Biomedical Engineering (3)
BME 281*	Biomedical Engineering Seminar II (1) *URI course	BME 281	Biomedical Engineering Seminar II (1)
ENGR 1020	Introduction to Engineering and Technology (3)	EGR 105	Foundations of Engineering I (1) + Elective Credit (2)
ENGR 2160	Introduction to Engineering Analysis (2)	EGR 106	Foundations of Engineering II (2)
ENGR 2320	Digital Electronics (4)	ELE 201	Digital Circuit Design (3) +
		ELE 202	Digital Circuit Design Lab (1)
ENGR 2620	Linear Circuit Theory (3)	ELE 212	Linear Circuit Theory (3)
ENGR 2621	Linear Circuit Lab (2)	ELE 215	Linear Circuit Lab (2)

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

Dcv 7/24/09