



High School Bridge Program

**Associates of Science
General Science
to
Bachelor of Science
Biology Medical Imaging (Rutgers Partnership)**

HCCC General Science - AS

NJCU Biology - Medical Imaging (Rutgers Partnership) - BS

COURSE NUMBER	COURSE NAME	CREDITS		COURSE NUMBER	COURSE NAME	CREDITS
Freshman Year						
CSS100	College Student Success	1	=	INTD101	Orientation to College	1 HCCC (online)
ENG101	College Composition I	3	=	ENGL101	English Composition I	3 INHS
MAT100	Intermediate Algebra	3	=	MATH112	Intermediate Algebra	3 INHS
CSC100	Intro to Computers & Computing	3	=	CS107	Computer & Information Systems	3 HCCC
ENG112	Speech	3	=	ENGL147	Effective Speech	3 INHS
BIO100	General Biology	3	=	BIOL100	General Biology	3 INHS
Sophomore Year						
ENG102	College Composition II	3	=	ENGL102	English Composition II	3 HCCC
CHP111	College Chemistry I	4	=	CHEM 105+1105	General Chemistry I Lecture and Recitation/Lab	4 INHS
1 Social Science Elective		3	=	TBD		3 HCCC/NJCU
1 Social Science Elective		3	=	TBD		3 HCCC/NJCU
Junior Year						
MAT110	Precalculus	4	=	MATH175	Enhanced Precalculus	4 INHS
CHP211	College Chemistry II	4	=	CHEM 106+1106	General Chemistry II Lecture and Recitation/Lab	4 INHS
PHY111	Engineering Physics I	4	=	PHYS140+1140	Principles of Physics I + Lab	4 INHS
BIO111	Anatomy and Physiology I	4	=	BIOL236	Anatomy and Physiology I	4 INHS
Senior Year						
PHY211	Engineering Physics II	4	=	PHYS141+1141	Principles of Physics II + Lab	4 HCCC
MAT111	Calculus I	4	=	MATH192	Calculus and Analytical Geometry I	4 HCCC
1 Humanities Elective		3	=	TBD		3 HCCC
BIO211	Anatomy and Physiology II	4	=	BIOL237	Anatomy and Physiology II	4 HCCC

Total Credits 60

General Education Waived

Remaining NJCU Courses

COURSE NUMBER	COURSE NAME	CREDITS
Required Courses		
BIOL 130	Principles Biology I	4
BIOL 131	Principles Biology II	4
BIOL 230	Cell Biology	4
BIOL236	Anatomy and Physiology I	0 *
BIOL237	Anatomy and Physiology II	0 *
BIOL303	Microbiology	4
BIO Electives		
(Biology courses numbered higher than BIOL 230)		8
BIOL231	Comparative Anatomy	4
BIOL232	Invertebrate Zoology	4
BIOL233	Principles of Botany	4
BIOL240	Scientific Reasoning	3
BIOL250	Biology Research	1
BIOL252	Evolution: A Biological and Geological Approach	3
BIOL301	General Physiology	4
BIOL302	Plant Physiology	4
BIOL308	Plant Taxonomy	4
BIOL311	Pathophysiology	3
BIOL312	Endocrinology	3
BIOL335	Essential Concepts in Neuroscience	3
BIOL350	Biology Research	2
BIOL354	Professional Assistant	2
BIOL401	Developmental Biology	4
BIOL 403	Radiation Biology	4
BIOL404	Immunology	3
BIOL406	Molecular Genetics	4
BIOL407	Advanced Cell Biology	4
BIOL409	Biological Chemistry	3
BIOL410	Electron Microscopy	4
BIOL418	Scanning Electron Microscopy	4
BIOL419	Transmission Electron Microscopy	4
BIOL450	Biology Research	3
BIOL454	Professorial Assistant	3
BIOL492	Independent Study in Biology	3
BIOL1492	Independent Study in Biology	2
BIOL2492	Independent Study in Biology	1

COURSE NUMBER	COURSE NAME	CREDITS
Required Chemistry Courses		4
CHEM 105	General Chemistry I Lecture	0 *
CHEM 1105	General Chemistry I Recitation/Laboratory	0 *
CHEM 106	General Chemistry II Lecture	0 *
CHEM 1106	General Chemistry II Recitation/Laboratory	0 *
CHEM 207	Organic Chemistry I	3
CHEM 2207	Organic Chemistry I Laboratory	1
Required Math, Physics, and Computer Science Courses		3
PHYS101	Basic Concepts of Physics	0 **
MATH175	Enhanced Precalculus	0 *
INTD180	Computer Tools for Science and Math	3
MATH 140 OR PSYC 230	Statistics I OR Statistics for Social Sciences	

Clinical Courses Taken at Rutgers School of Health Professions

32+

Notes:

* This will transfer in

** This will be satisfied from transferring in PHYS140+1140

Minimum Total Credits To Graduate 123