Department of Biology – B.S. in Clinical Laboratory Science
Cytotechnology – Model 3-year curriculum

Freshman Year			
Semester 1	**Credits**	**Semester 2**	**Credits**
ENG 101 English Composition I	4cr	ENG 102 English Composition II	4cr
BIO 130 Principles of Biology I	4cr	BIO 131 Principles of Biology II	4cr
MATH 175 Enhanced Pre-Calculus OR MATH 192 Calculus I	4cr	General Education Tier I	3cr
General Education Tier I	3cr	MATH 140 Statistics	3cr
Total	16 credits	Total	14 credits
Optional (Summer 1 and/or Summer 2)			
Sophomore Year			
Semester 1	**Credits**	**Semester 2**	**Credits**
BIO 230 Cell Biology	4cr	BIO 303 Microbiology	4cr
BIO 236 Principles of Anatomy & Physiology I	4cr	BIO 236 Principles of Anatomy & Physiology II	4cr
CHEM 105/1105 General Chemistry I Lecture + Lab	5cr	CHEM 106/1106 General Chemistry II Lecture + Lab 5	5cr
General Education Tier I	3cr	General Education Tier I	3cr
Total	16 credits	Total	16 credits
Optional (Summer 1 and/or Summer 2)			
Junior Year			
Semester 1	**Credits**	**Semester 2**	**Credits**
BIO 404 Immunology	3cr	BIO 305 Histology	4cr
CHEM 207/2207 Organic Chemistry I Lecture + Lab	4cr	CHEM 208/2208 Organic Chemistry II Lecture + Lab	4cr
INTD 180 Computer Tools for Science & Math Majors	3cr	CHEM 307 Biochemistry I	4cr
General Education Tier II	3cr	General Education Tier II	3cr
Total	16 credits	Total	15 credits

This course sequence is suggested to meet General Education Program requirements that are specific for this program and to facilitate the timely completion of all required courses at NJCU prior to beginning the clinical program at Rutgers, The State University of New Jersey.

Application for admission to the Rutgers program should be filed by October 15 of the year prior to the summer in which the clinical training will begin. Acceptance to the Rutgers program requires a minimum 2.85 GPA.

Students applying for transfer into the B.S. in Cytotechnology program are advised that NJCU has a seven-year statute of limitation for course acceptance.