

TRANSFER ARTICULATION AGREEMENT
SUNY Erie (ECC) A.S. Natural Science
Canisius College (CC) B.S. Biochemistry (Biochemistry Track)

ECC Course Work	Credit	CC Equivalency	Credit	Remaining CC Requirements	Credit
Major Course Work					
CH 180 University Chemistry I & CH 181 Lab for CH 180	4	CHM 111 & 111L General Chem I and lab	4	CHM 244 Inorganic Chemistry	3
CH 182 University Chemistry II & CH 183 Lab for CH 182	4	CHM 112 & 112L General Chem II and lab	4	CHM 301 Fundamental Physical Chemistry	3
CH 220 Organic Chemistry I & CH 221 Lab for CH 220	4	CHM 227 & 227L Organic Chem I and lab	4	CHM 334 & 334L Spectrometric Analysis and lab or CHM 430 and 430L Instrumental Analytical Chemistry	4
CH 222 Organic Chemistry II & CH 223 Lab for CH 222	4	CHM 228 and 228L Organic Chem II and lab	4	CHM 381 Scientific Literature and Communication	1
CH 240 Analytical Chemistry & CH 241 Lab for CH 240	4	CHM 230 Analytical Chemistry and lab	4	CHM 480 Communicating Concepts in Chemistry	1
BI 110 Biology I & BI 112 Lab for BI 110	4	BIO 111 and 111L Intro to Biology I and lab	4	CHM 481 Communicating Research Literature	1
				CHM/BCH/BIO elective (300/400)	3
				BCH elective	3
				BCH 301 & 301L Intro to Biochemistry and lab	4
				BCH 302 Cellular Biochemistry	3
				BCH 403 & 403L Molecular Biology and lab	4
				BIO 112 and 112L Intro to Biology II and lab	4
				PHY 201 and 201L University Physics I and lab	4
				PHY 202 and 202L University Physics II and lab	4
	24 CR		24 CR		42 CR

Core (GEN ED) and other requirements not included above					
EN 100 Composition I or 110 College Composition	3	ENG 111 Academic Writing	3	RST101 Intro to Religious Studies	3
EN 101 Composition for the Humanities, 102 Composition for the STEM Disciplines, or EN 111 Composition and Interpretation of Literature	3	ENG 112 Writing about Lit.	3	PHI 101 Intro to Philosophy	3
MT 181 Calculus and Analytic Geometry I (Math elective)	4	MAT 111 Calculus I & Field 7: Mathematics	4	Field 1: Religious Studies	3
MT 182 Calculus and Analytic Geometry II (Math elective)	4	MAT 112 Calculus II	4	Field 2: Philosophy	3
SO 100 Intro to Sociology (Social Science elective)	3	SOC 101 Intro to Sociology & Field 5: Social Sciences	3	Justice Attribute	3
HI 101 American History I (Social Science elective)	3	HIS 123 History of US: Colonial to Reconstruction & Field 4: History & Diversity	3	Advance Writing-Intensive	3
AT or MU (Humanities, Arts, FL elective)	3	Field 3: Literature and Arts	3	Ethics attribute	3
SP 110 Elementary Spanish I (Humanities, Arts, FL elective)	3	SPA 103 Spanish I	3	Global awareness attribute	3
Liberal Arts electives	6	Free electives	6	Oral communication attribute	3
Open electives	6-9	Free electives	4	Core Capstone	3
	34-37 CR		36 CR		30 CR
Total Credits	62		60*		72

*A maximum of 60 credits can be transferred from a two year college to Canisius and a minimum of 18 credits in the major must be completed at Canisius. Students need a minimum of 120 credit hours from their Major, Core Curriculum and free elective courses to meet graduation requirements. Accepted students have a transfer evaluation completed prior to enrollment and work with an advisor to map out a pathway to graduation.

2021