

Northeast Community College Transfer Guide to Clarkson College



Bachelor of Science Degree in Community Health: Pre-Health Professional Track



Effective Fall 2025

The following transfer guide is intended to assist NCC students interested in transferring to the Bachelor of Science in Community Health: Pre-Health Professional track at Clarkson College. This is for students wanting to complete a Bachelor degree in preparation for graduate professional programs in Dentistry, Medicine, Pharmacy, Physician Assistant, Physical Therapy, or Occupational Therapy.

This transfer guide outlines requirements for the Bachelor of Science in Community Health: Pre-Health Professional track and includes corresponding NCC courses that are approved transfer courses into this program.

Core Courses 9 credits

Must be taken at Clarkson College

CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
HCC*	Healthcare Communication	3
HUM	Humanities	3
EEA	Ethics, Empathy and Advocacy	3

*Designated service course

General Courses 37 credits

NCC COURSE	NCC COURSE	HOURS	CLARKSON COURSE	CLARKSON COLLEGE COURSE	HOURS
			IPE 301	Interprofessional Education	0
ENG 1010	English Composition I	3	ENG 101	English Composition I	3
ENG 1020	English Composition II	3	ENG 102	English Composition II	3
PSYC 1810	Introduction to Psychology	3	PSY 101	Introduction to Psychology	3
MATH 1150	College Algebra	3	MAT 130	College Algebra	3
HLTH 1060	Comprehensive Medical Terminology	3	GEN 105	Medical Terminology	1
HOEC 1050 or NURS 1050	Nutrition	3	BIO 122	Nutrition Science	3
			BUS 140	Healthcare Delivery Systems	2
			SOC 220	Medical Sociology	2
			CHL 244*	Vulnerable Populations	3
			CHL 243	Trauma Informed Care	3
			HIM 180	Essentials of Pharmacology	2
MATH 2170 or BSAD 2170	Applied Statistics	3	MAT 310	Statistics	3
			CHL 248	Introduction to Grant Writing	2
SOCI 1010	Introduction to Sociology	3	SOC 101	Introduction to Sociology	3
			CHL	CHL elective	1

Major Courses 4 credits

CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
CHL 400*	Fieldwork	2
CHL 401	Capstone	2

Additional General Courses: Selected Concentration(s)

Students interested in applying to an Occupational Therapy program pick two of the following concentrations. All other Pre-Health Professional students will pick one concentration (due to different number of required science courses).

Public Health Concentration 18 credits

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
			BUS 470	Issues & Policies in Public Health	3
			CHL 250	Epidemiology	3
			CHL 353*	Community Engmt & Social Change	3
			CHL 251	Environmental Risk Factors Disease	3
			MAT 410	Advanced Statistics in Public Health	3
			CHL 355	Health Program Planning & Eval	3

Human Services Concentration 18 credits

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
PSYC 2200	Lifespan Psychology	3	PSY 200	Human Development	3
			CHL 266	Social Policy & Human Services	3
SOCI 1100	Introduction to Family Living	3	CHL 245	Family Dynamics	1
			EEA 210	American Poverty & Healthcare	3
			CHL 252	Information and Referral	2
			CHL 249	Crisis Intervention	1
CRIM 1010	Introduction to Criminal Justice	3	CHL 253	Understanding Criminal Justice System	2
			CHL 353*	Community Engmt & Social Change	3

Gerontology Concentration 18 credits

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
			GEN 220	Gerontology	2
			CHL 241	Programs, Services & Policies Aging	3
			EEA 205	Death and Dying	3
			CHL 330	Health & Physical Aspects of Aging	3
			CHL 333	Psychological & Social Aspects Aging	3
			CHL 334	Managing Care of the Older Adult	3
			CHL 335	Seminar in Gerontology	1

Women's Health Concentration 18 credits

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
			CHL 260	Evolution of Women's Health	3
			CHL 261	Women's Health in Contemporary Society	3
			CHL 265	Literary Perspectives of Women's Health	3
			CHL 362	Global Issues in Women's Health	3
			CHL 364	Mental Health of Women Throughout the Lifespan	3
			CHL 365	Mammography	1
			CHL 366	Pharmacology in Women's Health	1
			CHL 367	Preventative and Restorative Topics for Women	1

Health Care Business Concentration 18 credits

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
			HIM 218	Data Analysis and Visualization	3
			BUS 357	Healthcare Accounting & Financial Mgmt	4
			BUS 262	Business Communications & Mktg	3
			BUS 375	Concepts of Leadership	2

Students select two of the following electives:

			BUS 470	Issues & Policies in Public Health	3
			BUS 420	Long Term Care Management	3
BSAD 2700 or HIMS 1120	Business Law I or Legal & Compliance Aspects HIM	3	HIM 360	Compliance & Legal Applications	3
			BUS 318	Human Resources & Org Behavior	3
			BUS 425	Project Design and Management	3
			BUS 335	Managing Health Care Depts	3
			HIM 333	Classification Systems & Reimbursement Methodologies	3
			BUS 411	Operations & Quality Mgt	3

Nutrition Concentration 18 credits

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
HOEC 1050 or NURS 1050	Nutrition	3	BIO 122	Nutrition Science	3
PSYC 1810	Introduction to Psychology	3	PSY 101	Introduction to Psychology	3
			BUS 470	Issues & Policies in Public Health	3
			NDM 104	Lifecycle Nutrition I	3
			NDM 105	Lifecycle Nutrition II	3
			NDM 106	Medical Nutrition Therapy	3

Additional General Courses: Selected Pre-Health Professional Concentration(s)

Students will complete required and elective courses specific to their area of interest.

Pre-Medical and Pre-Dental 54 credits – Students selecting this option will pick 1 concentration above

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	4	BIO 110	Fundamentals of Biology I	4
			BIO 111	Fundamentals of Biology II	4
CHEM 1090	General Chemistry I	4	CHM 150	General Chemistry I	4
CHEM 1100	General Chemistry II	4	CHM 151	General Chemistry II	4
BIOS 2250	Intro to Human Anatomy and Physiology I	4	BIO 211	Human Anatomy	4
BIOS 2260	Intro to Human Anatomy and Physiology II	4	BIO 213	Human Physiology	4
CHEM 2510	Organic Chemistry I	4	CHM 240	Organic Chemistry I	4
CHEM 2520	Organic Chemistry II	4	CHM 241	Organic Chemistry II	4
PHYS 1410 or PHYS 2110	Elementary General Physics I or General Physics I with Calculus	5	PHY 200	Physics I	4
PHYS 1420 or PHYS 2120	Elementary General Physics II or General Physics II with Calculus	5	PHY 205	Physics II	4
			CHM 270	Biochemistry	4
				Total Required Credits	44
Students select 10 credit hours from the following courses:					
BIOS 2460	Microbiology	4	BIO 211	Microbiology	4
			BIO 300	Immunology	3
			BIO 301	Kinesiology	3
BIOS 2170	Principles of Heredity and Genetics	4	BIO 310	Genetics	3
			MAT 140	Calculus	4
PSYC 2200	Lifespan Psychology	3	PSY 200	Human Development	3
			PTA 106	Introduction to Physical Therapy	2
ECON 2110	Principles of Macroeconomics	3	BUS 121	Economics	3
HIMS 2040	Health Care Information Systems	3	HIM 240	Intro to Informatics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EEA,HUM,HCC	Core Courses	Varies
			CHL	Community Health electives	Varies
			PSY	Psychology electives	Varies
			GEN,MAT	General Education Electives	Varies

Pre-Pharmacy 54 credits – Students selecting this option will pick 1 concentration above

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	4	BIO 110	Fundamentals of Biology I	4
CHEM 1090	General Chemistry I	4	CHM 150	General Chemistry I	4
CHEM 1100	General Chemistry II	4	CHM 151	General Chemistry II	4
BIOS 2250	Intro to Human Anatomy and Physiology I	4	BIO 211	Human Anatomy	4
BIOS 2260	Intro to Human Anatomy and Physiology II	4	BIO 213	Human Physiology	4
CHEM 2510	Organic Chemistry I	4	CHM 240	Organic Chemistry I	4
CHEM 2520	Organic Chemistry II	4	CHM 241	Organic Chemistry II	4
PHYS 1410 or PHYS 2110	Elementary General Physics I or General Physics I with Calculus	5	PHY 200	Physics I	4
			MAT 140	Calculus	4
				Total Required Credits	36
Students select 18 credit hours from the following courses:					
			BIO 111	Fundamentals of Biology II	4
BIOS 2460	Microbiology	4	BIO 211	Microbiology	4
			BIO 300	Immunology	3
			BIO 301	Kinesiology	3
BIOS 2170	Principles of Heredity and Genetics	4	BIO 310	Genetics	3
			CHM 270	Biochemistry	4
PHYS 1420 or PHYS 2120	Elementary General Physics II or General Physics II with Calculus	5	PHY 205	Physics II	4
PSYC 2200	Lifespan Psychology	3	PSY 200	Human Development	3
			PTA 106	Introduction to Physical Therapy	2
ECON 2110	Principles of Macroeconomics	3	BUS 121	Economics	3
HIMS 2040	Health Care Information Systems	3	HIM 240	Intro to Informatics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EEA,HUM,HCC	Core Courses	Varies
			CHL	Community Health electives	Varies
			PSY	Psychology electives	Varies
			GEN, MAT	General Education Electives	Varies

Pre-Physical Therapy 54 credits – Students selecting this option will pick 1 concentration above.

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	4	BIO 110	Fundamentals of Biology I	4
			BIO 111	Fundamentals of Biology II	4
CHEM 1090	General Chemistry I	4	CHM 150	General Chemistry I	4
CHEM 1100	General Chemistry II	4	CHM 151	General Chemistry II	4
BIOS 2250	Intro to Human Anatomy and Physiology I	4	BIO 211	Human Anatomy	4
BIOS 2260	Intro to Human Anatomy and Physiology II	4	BIO 213	Human Physiology	4
PHYS 1410 or PHYS 2110	Elementary General Physics I or General Physics I with Calculus	5	PHY 200	Physics I	4
PHYS 1420 or PHYS 2120	Elementary General Physics II or General Physics II with Calculus	5	PHY 205	Physics II	4
				Total Required Credits	32
Students select 22 credit hours from the following courses:					
			BIO 301	Kinesiology	3
PSYC 2200	Lifespan Psychology	3	PSY 200	Human Development	3
BIOS 2460	Microbiology	4	BIO 211	Microbiology	4
			BIO 300	Immunology	3
BIOS 2170	Principles of Heredity and Genetics	4	BIO 310	Genetics	3
CHEM 2510	Organic Chemistry I	4	CHM 240	Organic Chemistry I	4
CHEM 2520	Organic Chemistry II	4	CHM 241	Organic Chemistry II	4
			CHM 270	Biochemistry	4
			MAT 140	Calculus	4
			PTA 106	Introduction to Physical Therapy	2
ECON 2110	Principles of Macroeconomics	3	BUS 121	Economics	3
HIMS 2040	Health Care Information Systems	3	HIM 240	Intro to Informatics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EEA,HUM, HCC	Core Courses	Varies
			CHL	Community Health electives	Varies
			PSY	Psychology electives	Varies
			GEN, MAT	General Education Electives	Varies

Pre-Physician Assistant 54 credits – Students selecting this option will pick 1 concentration above.

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	4	BIO 110	Fundamentals of Biology I	4
			BIO 111	Fundamentals of Biology II	4
CHEM 1090	General Chemistry I	4	CHM 150	General Chemistry I	4
CHEM 1100	General Chemistry II	4	CHM 151	General Chemistry II	4
BIOS 2250	Intro to Human Anatomy and Physiology I	4	BIO 211	Human Anatomy	4
BIOS 2260	Intro to Human Anatomy and Physiology II	4	BIO 213	Human Physiology	4
BIOS 2460	Microbiology	4	BIO 211	Microbiology	4
CHEM 2510	Organic Chemistry I	4	CHM 240	Organic Chemistry I	4
			CHM 270	Biochemistry	4
				Total Required Credits	36
Students select 18 credit hours from the following courses:					
			BIO 300	Immunology	3
BIOS 2170	Principles of Heredity and Genetics	4	BIO 310	Genetics	3
			BIO 301	Kinesiology	3
CHEM 2520	Organic Chemistry II	4	CHM 241	Organic Chemistry II	4
			MAT 140	Calculus	4
PHYS 1410 or PHYS 2110	Elementary General Physics I or General Physics I with Calculus	5	PHY 200	Physics I	4
PHYS 1420 or PHYS 2120	Elementary General Physics II or General Physics II with Calculus	5	PHY 205	Physics II	4
PSYC 2200	Lifespan Psychology	3	PSY 200	Human Development	3
			PTA 106	Introduction to Physical Therapy	2
ECON 2110	Principles of Macroeconomics	3	BUS 121	Economics	3
HIMS 2040	Health Care Information Systems	3	HIM 240	Intro to Informatics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EEA,HUM,HCC	Core Courses	Varies
			CHL	Community Health electives	Varies
			PSY	Psychology electives	Varies
			GEN, MAT	General Education Electives	Varies

Pre-Occupational Therapy 36 credits – Students selecting this option will pick 2 concentrations above.

NCC COURSE	NCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	4	BIO 110	Fundamentals of Biology I	4
CHEM 1090	General Chemistry I	4	CHM 150	General Chemistry I	4
BIOS 2250	Intro to Human Anatomy and Physiology I	4	BIO 211	Human Anatomy	4
BIOS 2260	Intro to Human Anatomy and Physiology II	4	BIO 213	Human Physiology	4
PHYS 1410 or PHYS 2110	Elementary General Physics I or General Physics I with Calculus	5	PHY 200	Physics I	4
PSYC 2200	Lifespan Psychology	3	PSY 200	Human Development	3
				Total Required Credits	23
Students select 13 credit hours from the following courses:					
			BIO 111	Fundamentals of Biology II	4
BIOS 2460	Microbiology	4	BIO 211	Microbiology	4
			BIO 300	Immunology	3
			BIO 301	Kinesiology	3
CHEM 1100	General Chemistry II	4	CHM 151	General Chemistry II	4
BIOS 2170	Principles of Heredity and Genetics	4	BIO 310	Genetics	3
CHEM 2510	Organic Chemistry I	4	CHM 240	Organic Chemistry I	4
CHEM 2520	Organic Chemistry II	4	CHM 241	Organic Chemistry II	4
			MAT 140	Calculus	4
			CHM 270	Biochemistry	4
PHYS 1420 or PHYS 2120	Elementary General Physics II or General Physics II with Calculus	5	PHY 205	Physics II	4
			PTA 106	Introduction to Physical Therapy	2
ECON 2110	Principles of Macroeconomics	3	BUS 121	Economics	3
HIMS 2040	Health Care Information Systems	3	HIM 240	Intro to Informatics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EEA,HUM,HCC	Core Courses	Varies
			CHL	Community Health electives	Varies
			PSY	Psychology electives	Varies
			GEN, MAT	General Education Electives	Varies

Total semester hours in program = 122

Service Requirement: Bachelor programs require students to complete service experiences in Healthcare Communication Core and a minimum of one program-designated service course. Service experiences must be passed successfully to pass the class.

Interprofessional Education Requirement (IPE): All programs require students to successfully pass IPE 301 before graduation.

Residency Requirement: At least 30 semester hours must be completed at Clarkson College for a Bachelor's degree.

**For more information, please contact Jeri List, Director of General Education and Health Sciences
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