

Metropolitan Community College Transfer Guide to Clarkson College



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



METROPOLITAN
Community College

The following transfer guide is intended to assist MCC 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 MCC courses that are approved transfer courses into this program.

General Education Courses 12-13 credits

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
			IPE 301	Interprofessional Education	0
			GEN 101	Strategies for Success (conditional)	1
ENGL 1010	English Composition I	4.5	EN 101	English Composition I	3
ENGL 1020	English Composition II	4.5	EN 102	English Composition II	3
PSYC 1010	Introduction to Psychology	4.5	PY 101	Introduction to Psychology	3
MATH 1315	College Algebra	5	MA 130	College Algebra	3

Core Courses 9 credits Students choose one from each category. Must be taken at Clarkson College.

CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
IC	Intercultural Communication*	3
HU	Humanities	3
EA	Ethics, Empathy and Advocacy	3

*Designated service course

Support Courses 25 credits

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
HIMS 1120	Medical Terminology I	4.5	GEN 105	Medical Terminology	1
HLTH 1050	Nutrition in the Life Cycle	4.5	BI 122	Nutrition Science	3
			BU 140	Healthcare Delivery Systems	2
			SO 220	Medical Sociology	2
			CHL 244	Vulnerable Populations*	3
			CHL 243	Trauma Informed Care	3
			HM 180	Essentials of Pharmacology	2
MATH 1410	Statistics	4.5	ST 310	Statistics	3
			CHL 248	Introduction to Grant Writing	2
SOCI 1010	Introduction to Sociology	4.5	SO 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 Major 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 (this is due to a different number of required science courses).

Public Health Concentration 18 credits

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
			BU 470	Issues and Policies in Public Health	3
			CHL 250	Epidemiology	3
			CHL 353	Community Engagement & Social Change*	3
			CHL 251	Environmental Risk Factors for Disease	3
			ST 410	Advanced Statistics in Public Health	3
			CHL 355	Health Program Planning & Evaluation	3

Human Services Concentration 18 credits

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
PSYC 1120	Human Growth & Development	4.5	PY 200	Human Development	3
			CHL 266	Social Policy & Human Services	3
SOCI 2160	Marital and Family Relationships	4.5	CHL 245	Family Dynamics	1
			EA 210	American Poverty & Healthcare	3
			CHL 252	Information and Referral	2
			CHL 249	Crisis Intervention	1
CRIM 1010	Intro to Criminal Justice	4.5	CHL 253	Understanding Criminal Justice System	2
			CHL 353	Community Engagement & Social Change*	3

Gerontology Concentration 18 credits

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
SOCI 2110	Intro to Gerontology	4.5	HC 220	Gerontology	2
			CHL 241	Programs, Services & Policies in Aging	3
			EA 205	Death and Dying	3
			CHL 330	Health & Physical Aspects of Aging	3
			CHL 333	Psychological & Social Aspects of Aging	3
			CHL 334	Managing Care of the Older Adult	3
			CHL 335	Seminar in Gerontology	1

Women's Health Concentration 18 credits

MCC COURSE	MCC 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

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
			HM 218	Data Analysis and Visualization	3
			BU 357	Healthcare Accounting & Financial Mgmt	4
			BU 262	Business Communications & Marketing	3
			BU 375	Concepts of Leadership	2

Students select two of the following electives:

			BU 470	Issues & Policies in Public Health	3
			BU 420	Long Term Care Management	3
BSAD 1100	Business Law I	4.5	HM 360	Compliance & Legal Applications	3
			BU 318	Human Resources and Organizational Behavior	3
			BU 425	Project Design and Management	3
			BU 335	Managing Health Care Departments	3
			HM 333	Classification Systems & Reimbursement Methodologies	3
			BU 411	Operations and Quality Management	3

*Designated service course

Additional Major 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

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	6	BI 110	Fundamentals of Biology I	4
BIOS 111, BIOS 1121, and BIOS 1130	Biology I, II, and III	15	BI 110 and BI 111	Fundamentals of Biology I and II	8
CHEM 1212 or CHEM 1010	General Chemistry I or College Chemistry	6	CH 150	General Chemistry I	4
CHEM 1220	General Chemistry II	6	CH 151	General Chemistry II	4
BIOS 2310	Human Anatomy & Physiology I	6	BI 211	Human Anatomy	4
BIOS 2320	Human Anatomy & Physiology II	6	BI 213	Human Physiology	4
CHEM 2320	Organic Chemistry	6	CH 240	Organic Chemistry I	4
CHEM 2330	Organic Chemistry II	6	CH 241	Organic Chemistry II	4
PHYS 110A, PHYS 110B, and PHYS 110C	Principles of Physics IA, IB, and IC	7.5	PHY 200	Physics I	4
PHYS 111A, PHYS 111B, PHYS 111C	Principles of Physics IIA, IIB, and IIC	7.5	PHY 205	Physics II	4
			CH 270	Biochemistry	3
				Total Required Credits	43
Students select 11 credit hours from the following courses:					
BIOS 2150	Microbiology	6	BI 211	Microbiology	4
			BI 300	Immunology	2
			BI 301	Kinesiology	3
BIOS 2050	Genetics	4.5	BI 310	Genetics	3
MATH 2410	Analytic Geometry and Calculus I	7.5	MA 140	Calculus	4
PSYC 1120	Human Growth and Development	4.5	PY 200	Human Development	3
			PTA 106	Introduction to Physical Therapy	2
ECON 1050	Survey of Economics	4.5	BU 121	Economics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EA,HU,IC	Health Care Core	Varies
			CHL	Community Health electives	Varies
			PY	Psychology electives	Varies
			GEN,HC,ST	General Education Electives	Varies

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

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	6	BI 110	Fundamentals of Biology I	4
CHEM 1212 or CHEM 1010	General Chemistry I or College Chemistry	6	CH 150	General Chemistry I	4
CHEM 1220	General Chemistry II	6	CH 151	General Chemistry II	4
BIOS 2310	Human Anatomy & Physiology I	6	BI 211	Human Anatomy	4
BIOS 2320	Human Anatomy & Physiology II	6	BI 213	Human Physiology	4
CHEM 2320	Organic Chemistry	6	CH 240	Organic Chemistry I	4
CHEM 2330	Organic Chemistry II	6	CH 241	Organic Chemistry II	4
PHYS 110A, PHYS 110B, and PHYS 110C	Principles of Physics IA, IB, and IC	7.5	PHY 200	Physics I	4
MATH 2410	Analytic Geometry and Calculus I	7.5	MA 140	Calculus	4
				Total Required Credits	36
Students select 18 credit hours from the following courses:					
			BI 111	Fundamentals of Biology II	4
BIOS 2150	Microbiology	6	BI 211	Microbiology	4
			BI 300	Immunology	2
			BI 301	Kinesiology	3
BIOS 2050	Genetics	4.5	BI 310	Genetics	3
			CH 270	Biochemistry	4
PHYS 111A, PHYS 111B, and PHYS 111C	Principles of Physics IIA, IIB, and IIC		PHY 205	Physics II	4
PSYC 1120	Human Growth and Development	4.5	PY 200	Human Development	3
			PTA 106	Introduction to Physical Therapy	2
ECON 1050	Survey of Economics	4.5	BU 121	Economics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EA,HU,IC	Health Care Core	Varies
			CHL	Community Health electives	Varies
			PY	Psychology electives	Varies
			GEN,HC,ST	General Education Electives	Varies

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

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	6	BI 110	Fundamentals of Biology I	4
BIOS 111, BIOS 1121, and BIOS 1130	Biology I, II, and III	15	BI 111	Fundamentals of Biology II	4
CHEM 1212 or CHEM 1010	General Chemistry I or College Chemistry	6	CH 150	General Chemistry I	4
CHEM 1220	General Chemistry II	6	CH 151	General Chemistry II	4
BIOS 2310	Human Anatomy & Physiology I	6	BI 211	Human Anatomy	4
BIOS 2320	Human Anatomy & Physiology II	6	BI 213	Human Physiology	4
PHYS 110A, PHYS 110B, and PHYS 110C	Principles of Physics IA, IB, and IC	7.5	PHY 200	Physics I	4
PHYS 111A, PHYS 111B, PHYS 111C	Principles of Physics IIA, IIB, and IIC	7.5	PHY 205	Physics II	4
			BI 301	Kinesiology	3
PSYC 1120	Human Growth and Development	4.5	PY 200	Human Development	3
				Total Required Credits	38
Students select 16 credit hours from the following courses:					
BIOS 2150	Microbiology	6	BI 211	Microbiology	4
			BI 300	Immunology	2
BIOS 2050	Genetics	4.5	BI 310	Genetics	3
CHEM 2320	Organic Chemistry	6	CH 240	Organic Chemistry I	4
CHEM 2330	Organic Chemistry II	6	CH 241	Organic Chemistry II	4
			CH 270	Biochemistry	4
MATH 2410	Analytic Geometry and Calculus I	7.5	MA 140	Calculus	4
			PTA 106	Introduction to Physical Therapy	2
ECON 1050	Survey of Economics	4.5	BU 121	Economics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EA,HU,IC	Health Care Core	Varies
			CHL	Community Health electives	Varies
			PY	Psychology electives	Varies
			GEN,HC,ST	General Education Electives	Varies

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

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	6	BI 110	Fundamentals of Biology I	4
BIOS 111, BIOS 1121, and BIOS 1130	Biology I, II, and III	15	BI 111	Fundamentals of Biology II	4
CHEM 1212 or CHEM 1010	General Chemistry I or College Chemistry	6	CH 150	General Chemistry I	4
CHEM 1220	General Chemistry II	6	CH 151	General Chemistry II	4
BIOS 2310	Human Anatomy & Physiology I	6	BI 211	Human Anatomy	4
BIOS 2320	Human Anatomy & Physiology II	6	BI 213	Human Physiology	4
BIOS 2150	Microbiology	6	BI 211	Microbiology	4
CHEM 2320	Organic Chemistry	6	CH 240	Organic Chemistry I	4
			CH 270	Biochemistry	3
				Total Required Credits	35
Students select 19 credit hours from the following courses:					
			BI 300	Immunology	2
BIOS 2050	Genetics	4.5	BI 310	Genetics	3
			BI 301	Kinesiology	3
CHEM 2330	Organic Chemistry II	6	CH 241	Organic Chemistry II	4
MATH 2410	Analytic Geometry and Calculus I	7.5	MA 140	Calculus	4
PHYS 110A, PHYS 110B, and PHYS 110C	Principles of Physics IA, IB, and IC	7.5	PHY 200	Physics I	4
PHYS 111A, PHYS 111B, PHYS 111C	Principles of Physics IIA, IIB, and IIC	7.5	PHY 205	Physics II	4
PSYC 1120	Human Growth and Development	4.5	PY 200	Human Development	3
			PTA 106	Introduction to Physical Therapy	2
ECON 1050	Survey of Economics	4.5	BU 121	Economics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EA,HU,IC	Health Care Core	Varies
			CHL	Community Health electives	Varies
			PY	Psychology electives	Varies
			GEN,HC,ST	General Education Electives	Varies

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

MCC COURSE	MCC COURSE	HOURS	CLARKSON COLLEGE COURSE	CLARKSON COLLEGE COURSE	HOURS
BIOS 1010	General Biology	6	BI 110	Fundamentals of Biology I	4
CHEM 1212 or CHEM 1010	General Chemistry I or College Chemistry	6	CH 150	General Chemistry I	4
BIOS 2310	Human Anatomy & Physiology I	6	BI 211	Human Anatomy	4
BIOS 2320	Human Anatomy & Physiology II	6	BI 213	Human Physiology	4
PHYS 110A, PHYS 110B, and PHYS 110C	Principles of Physics IA, IB, and IC	7.5	PHY 200	Physics I	4
			BI 301	Kinesiology	3
PSYC 1120	Human Growth and Development	4.5	PY 200	Human Development	3
				Total Required Credits	26
Students select 10 credit hours from the following courses:					
BIOS 111, BIOS 1121, and BIOS 1130	Biology I, II, and III	15	BI 111	Fundamentals of Biology II	4
BIOS 2150	Microbiology	6	BI 211	Microbiology	4
			BI 300	Immunology	2
CHEM 1220	General Chemistry II	6	CH 151	General Chemistry II	4
BIOS 2050	Genetics	4.5	BI 310	Genetics	3
CHEM 2320	Organic Chemistry	6	CH 240	Organic Chemistry I	4
CHEM 2330	Organic Chemistry II	6	CH 241	Organic Chemistry II	4
MATH 2410	Analytics Geometry and Calculus I	7.5	MA 140	Calculus	4
			CH 270	Biochemistry	3
PHYS 111A, PHYS 111B, PHYS 111C	Principles of Physics IIA, IIB, and IIC	7.5	PHY 205	Physics II	4
			PTA 106	Introduction to Physical Therapy	2
ECON 1050	Survey of Economics	4.5	BU 121	Economics	3
			GEN 300	Research Methods for Health & Social Sciences	3
			EA,HU,IC	Health Care Core	Varies
			CHL	Community Health electives	Varies
			PY	Psychology electives	Varies
			GEN,HC,ST	General Education Electives	Varies

Total semester hours in program = 122/123

Service Requirement: Bachelor programs require students to complete service experiences in Intercultural 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 program require students to successfully pass the Interprofessional Education course (IPE 30) before graduation.

Residency Requirement: At least 27 semester hours must be completed at Clarkson College for a Bachelor degree.

Registrar Signature: _____ Date: _____

The information in this degree plan is intended to be informational and not contractual in nature.

**For more information, please contact Sarah Flanagan, Director of Community Health
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