

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

Official Degree Plan, Effective Fall 2025

Student Name \_\_\_\_\_ ID # \_\_\_\_\_ Date \_\_\_\_\_

Transfer credit may be accepted, per Clarkson College policy and Program Director discretion.

## Core Courses 9 credits

Must be taken at Clarkson College

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
HCC *	Healthcare Communication	3	Clarkson College		
HUM	Humanities	3	Clarkson College		
EEA	Ethics, Empathy and Advocacy	3	Clarkson College		

\* Designated service course

## General Courses 37 credits

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
IPE 301	Interprofessional Education	0	Clarkson College		
ENG 101	English Composition I	3			
ENG 102	English Composition II	3			
PSY 101	Introduction to Psychology	3			
MAT 130	College Algebra	3			
MAT 310	Statistics	3			
GEN 105	Medical Terminology	1			
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			
CHL 248	Introduction to Grant Writing	2			
SOC 101	Introduction to Sociology	3			
CHL	CHL elective	1			

## 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 (this is due to a different number of required science courses).

### Public Health Concentration 18 credits

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BUS 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			
MAT 410	Advanced Statistics in Public Health	3			
CHL 355	Health Program Planning & Evaluation	3			

### Human Services Concentration 18 credits

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
PSY 200	Human Development	3			
CHL 266	Social Policy & Human Services	3			
CHL 245	Family Dynamics	1			
EEA 210	American Poverty & Healthcare	3			
CHL 252	Information and Referral	2			
CHL 249	Crisis Intervention	1			
CHL 253	Understanding Criminal Justice System	2			
CHL 353*	Community Engagement & Social Change	3			

### Gerontology Concentration 18 credits

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
GEN 220	Gerontology	2			
CHL 241	Programs, Services & Policies in Aging	3			
EEA 205	Death and Dying	3			
CHL 330	Health and Physical Aspects of Aging	3			
CHL 333	Psychological and 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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
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			

**Nutrition Concentration** 18 credits

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 122	Nutrition Science (pick one CHL elective since this is required for your degree)  Recommend: CHL 362 Global Issues in Women's Health	3			
PSY 101	Intro to Psychology (pick one CHL elective since this is required for your degree)  Recommend: PSY 200 Human Development	3			
BUS 470	Issues & Policies in Public Health (pick one CHL elective if you already selected the Public Health concentration)  Recommend: CHL 353 Community Engagement & Social Change	3			
NDM 104	Lifecycle Nutrition I	3			
NDM 105	Lifecycle Nutrition II	3			
NDM 106	Medical Nutrition Therapy	3			

**Health Care Business Concentration** 18 credits

May transfer up to 6 credits

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
HIM 218	Data Analysis and Visualization	3			
BUS 357	Healthcare Accounting & Financial Mgmt	4			
BUS 262	Business Communications & Marketing	3			
BUS 375	Concepts of Leadership	2			

Students select two of the following electives:

BUS 470	Issues and Policies in Public Health	3			
BUS 420	Long Term Care Management	3			
HIM 360	Compliance & Legal Applications	3			
BUS 318	Human Resources & Organizational Behavior	3			
BUS 425	Project Design and Management	3			
BUS 335	Managing Health Care Departments	3			
HIM 333	Classification Systems & Reimbursement Methodologies	3			
BUS 411	Operations and Quality Management	3			

**Major Courses** 4 credits

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
CHL 400*	Fieldwork	2	Clarkson College		
CHL 401	Capstone	2	Clarkson College		

\* Designated service course

**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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110	Fundamentals of Biology I	4			
BIO 111	Fundamentals of Biology II	4			
CHM 150	General Chemistry I	4			
CHM 151	General Chemistry II	4			
BIO 211	Human Anatomy	4			
BIO 213	Human Physiology	4			
CHM 240	Organic Chemistry I	4			
CHM 241	Organic Chemistry II	4			
PHY 200	Physics I	4			
PHY 205	Physics II	4			
CHM 270	Biochemistry	4			
	Total Required Credits	44			
Students select 10 credit hours from the following courses:					
BIO 210	Microbiology	4			
BIO 300	Immunology	3			
BIO 301	Kinesiology	3			
BIO 310	Genetics	3			
MAT 140	Calculus	4			
HIM 240	Introduction to Informatics	3			
PSY 200	Human Development	3			
PTA 106	Introduction to Physical Therapy	2			
BUS 121	Economics	3			
PSY 300	Research Methods for Health & Social Sciences	3			
EEA,HUM,HCC	Health Care Core	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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110	Fundamentals of Biology I	4			
CHM 150	General Chemistry I	4			
CHM 151	General Chemistry II	4			
BIO 211	Human Anatomy	4			
BIO 213	Human Physiology	4			
CHM 240	Organic Chemistry I	4			
CHM 241	Organic Chemistry II	4			
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			
BIO 211	Microbiology	4			
BIO 300	Immunology	3			
BIO 301	Kinesiology	3			
BIO 310	Genetics	3			
CHM 270	Biochemistry	4			
PHY 205	Physics II	4			
HIM 240	Introduction to Informatics	3			
PSY 200	Human Development	3			
PTA 106	Introduction to Physical Therapy	2			
BUS 121	Economics	3			
PSY 300	Research Methods for Health & Social Sciences	3			
EEA,HUM,HCC	Health Care Core	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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110	Fundamentals of Biology I	4			
BIO 111	Fundamentals of Biology II	4			
CHM 150	General Chemistry I	4			
CHM 151	General Chemistry II	4			
BIO 211	Human Anatomy	4			
BIO 213	Human Physiology	4			
PHY 200	Physics I	4			
PHY 205	Physics II	4			
	Total Required Credits	33			
Students select 22 credit hours from the following courses:					
PSY 200	Human Development	3			
BIO 211	Microbiology	4			
BIO 300	Immunology	3			
BIO 301	Kinesiology	3			

BIO 310	Genetics	3			
CHM 240	Organic Chemistry I	4			
CHM 241	Organic Chemistry II	4			
CHM 270	Biochemistry	4			
MAT 140	Calculus	4			
HIM 240	Introduction to Informatics	3			
PTA 106	Introduction to Physical Therapy	2			
BUS 121	Economics	3			
PSY 300	Research Methods for Health & Social Sciences	3			
EEA,HUM,HCC	Health Care Core	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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110	Fundamentals of Biology I	4			
BIO 111	Fundamentals of Biology II	4			
CHM 150	General Chemistry I	4			
CHM 151	General Chemistry II	4			
BIO 211	Human Anatomy	4			
BIO 213	Human Physiology	4			
BIO 211	Microbiology	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			
BIO 310	Genetics	3			
BIO 301	Kinesiology	3			
CHM 241	Organic Chemistry II	4			
MAT 140	Calculus	4			
PHY 200	Physics I	4			
PHY 205	Physics II	4			
HIM 240	Introduction to Informatics	3			
PSY 200	Human Development	3			
PTA 106	Introduction to Physical Therapy	2			
BUS 121	Economics	3			
PSY 300	Research Methods for Health & Social Sciences	3			
EEA,HUM,HCC	Health Care Core	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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110	Fundamentals of Biology I	4			
CHM 150	General Chemistry I	4			
BIO 211	Human Anatomy	4			
BIO 213	Human Physiology	4			
PHY 200	Physics I	4			
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			
BIO 211	Microbiology	4			
BIO 300	Immunology	3			
BIO 301	Kinesiology	3			
CHM 151	General Chemistry II	4			
BIO 310	Genetics	3			
CHM 240	Organic Chemistry I	4			
CHM 241	Organic Chemistry II	4			
MAT 140	Calculus	4			
CHM 270	Biochemistry	4			
PHY 205	Physics II	4			
HIM 240	Introduction to Informatics	3			
PTA 106	Introduction to Physical Therapy	2			
BUS 121	Economics	3			
PSY 300	Research Methods for Health & Social Sciences	3			
EEA,HUM,HCC	Health Care Core	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 Intercultural Communications 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 27 semester hours must be completed at Clarkson College for a Bachelor's degree.