

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/BIO 110L	Fundamentals of Biology I	4			
BIO 111/BIO 111L	Fundamentals of Biology II	4			
CHM 150/CHM 150L	General Chemistry I	4			
CHM 151/CHM 151L	General Chemistry II	4			
BIO 211/BIO 211L	Human Anatomy	4			
BIO 213/BIO 213L	Human Physiology	4			
CHM 240/CHM 240L	Organic Chemistry I	4			
CHM 241/CHM 241L	Organic Chemistry II	4			
PHY 200/PHY 200L	Physics I	4			
PHY 205/PHY 205L	Physics II	4			
CHM 270/CHM 270L	Biochemistry	4			
	Total Required Credits	44			
Students select 10 credit hours from the following courses:					
BIO 210/BIO 210L	Microbiology	4			
BIO 300	Immunology	3			
BIO 310	Genetics	3			
BIO 301	Kinesiology	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	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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110/BIO 110L	Fundamentals of Biology I	4			
CHM 150/CHM 150L	General Chemistry I	4			
CHM 151/CHM 151L	General Chemistry II	4			
BIO 211/BIO 211L	Human Anatomy	4			
BIO 213/BIO 213L	Human Physiology	4			
CHM 240/CHM 240L	Organic Chemistry I	4			
CHM 241/CHM 241L	Organic Chemistry II	4			
PHY 200/PHY 200L	Physics I	4			
MAT 140	Calculus	4			
	Total Required Credits	36			
Students select 18 credit hours from the following courses:					
BIO 111/BIO 111L	Fundamentals of Biology II	4			
BIO 210/BIO 210L	Microbiology	4			
BIO 300	Immunology	3			
BIO 310	Genetics	3			
CHM 270/CHM 270L	Biochemistry	4			
PHY 205/PHY 205L	Physics II	4			
HIM 240	Introduction to Informatics	3			
PSY 200	Human Development	3			
BIO 301	Kinesiology	3			
PTA 106	Introduction to Physical Therapy	2			
BUS 121	Economics	3			
PSY 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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110/BIO 110L	Fundamentals of Biology I	4			
BIO 111/BIO 111L	Fundamentals of Biology II	4			
CHM 150/CHM 150L	General Chemistry I	4			
CHM 151/CHM 151L	General Chemistry II	4			
BIO 211/BIO 211L	Human Anatomy	4			
BIO 213/BIO 213L	Human Physiology	4			
PHY 200/PHY 200L	Physics I	4			
PHY 205/PHY 205L	Physics II	4			
	Total Required Credits	32			
Students select 22 credit hours from the following courses:					
PSY 200	Human Development	3			
BIO 210/BIO 210L	Microbiology	4			
BIO 300	Immunology	3			
BIO 310	Genetics	3			
CHM 240/CHM 240L	Organic Chemistry I	4			
CHM 241/CHM 241L	Organic Chemistry II	4			
CHM 270/CHM 270L	Biochemistry	4			
MAT 140	Calculus	4			
BIO 301	Kinesiology	3			
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	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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110/BIO 110L	Fundamentals of Biology I	4			
BIO 111/BIO 111L	Fundamentals of Biology II	4			
CHM 150/CHM 150L	General Chemistry I	4			
CHM 151/CHM 151L	General Chemistry II	4			
BIO 211/BIO 211L	Human Anatomy	4			
BIO 213/BIO 213L	Human Physiology	4			
BIO 210/BIO 210L	Microbiology	4			
CHM 240/CHM 240L	Organic Chemistry I	4			
CHM 270/CHM 270L	Biochemistry	4			
	Total Required Credits	36			
Students select 18 credit hours from the following courses:					
BIO 300	Immunology	3			
BIO 310	Genetics	3			
CHM 241/CHM 241L	Organic Chemistry II	4			
MAT 140	Calculus	4			
PHY 200/PHY200L	Physics I	4			
PHY 205/PHY 205L	Physics II	4			
HIM 240	Introduction to Informatics	3			
PSY 200	Human Development	3			
BIO 301	Kinesiology	3			
PTA 106	Introduction to Physical Therapy	2			
BUS 121	Economics	3			
PSY 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

COURSE	COURSE TITLE	HOURS	INSTITUTION	SEMESTER COMPLETED	GRADE
BIO 110/BIO 110L	Fundamentals of Biology I	4			
CHM 150/CHM 150L	General Chemistry I	4			
BIO 211/BIO 211L	Human Anatomy	4			
BIO 213/BIO 213L	Human Physiology	4			
PHY 200/PHY 200L	Physics I	4			
PSY 200	Human Development	3			
	Total Required Credits	23			
Students select 13 credit hours from the following courses:					
BIO 111/BIO 111L	Fundamentals of Biology II	4			
BIO 210/Bio 210L	Microbiology	4			
BIO 300	Immunology	3			
CHM 151/CHM 151L	General Chemistry II	4			
BIO 310	Genetics	3			
CHM 240/CHM 240L	Organic Chemistry I	4			
CHM 241/CHM 241L	Organic Chemistry II	4			
MAT 140	Calculus	4			
CHM 270/CHM 270L	Biochemistry	4			
PHY 205/PHY 205L	Physics II	4			
BIO 301	Kinesiology	3			
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	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.

Registrar's Office Representative: _____ Date: _____

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