



Premedical Studies

Higher National Diploma in Premedical Health Studies—Medicine Pathway (HND-MD)

There is a shortage of physicians around the world, especially in Africa. Our graduates with premedical studies diplomas go on to become world-class physicians. As a physician, our graduate has the power to lead their patients' healthcare by diagnosing and treating their injuries or illnesses. After three years of premedical studies in our institution, the graduate completes a four-year medical degree in an approved medical school. This 7-year pathway allows you to begin your education focused on your career goals, progress into Medical School after only three years of undergraduate study, and be prepared to start treating patients on the first day of your new career.

Admission Requirements

You must have passed the Advanced Level Certificate Examination with at least 12 points. In addition, you must be a science student who studied Biology, Chemistry, Physics, Mathematics, and Further Mathematics (**optional**) in high school.

The student must demonstrate financial stability to fund medical education beyond the HND program.

Brief Overview of the Curriculum

(Variations on this curriculum are possible. Please see the GU catalog for a detailed description of the program curriculum.)

YEAR I Fall

COURSE	TITLE	SEMESTER HOURS
BIO 141/141L	Biology I (w/lab)	4
CHE 130/130L	Chemical Principles I (w/lab)	4
ITM 100	Introduction to the Major	1
EIW 110	Expository Writing I	3
MAT 150	Calculus I	3

YEAR I Spring



Gracious Training

School for Health Personnel
Training Institute of Excellence

COURSE	TITLE	SEMESTER HOURS
BIO 142/142L	Biology II (w/lab)	4
CHE 131/131L	Chemical Principles II (w/lab)	4
EIW 111	Expository Writing II	3
PSY 120	Introduction to Psychology	3
MAT 151	Calculus II	3

YEAR II Fall

COURSE	TITLE	SEMESTER HOURS
CHE 230/230L	Organic Chemistry I (w/lab)	4
ACI 130	African Culture, Identity, and Public Life	3
HPI 200	Health Professions Orientation	1
MAT 260	Statistics	3
	Behavioral Science Elective	3
	Humanities Elective	3

YEAR II Spring

COURSE	TITLE	SEMESTER HOURS
BIO 255/255L	Medical Microbiology (w/lab)	4
CHE 232/234L	Organic Chemistry II (w/lab)	4
ICH 220	Introduction to Interpersonal Communication for Health Professionals	3
	Social Science Elective	3

YEAR III Fall

COURSE	TITLE	SEMESTER HOURS
BIO 360	Cellular Biochemistry	4



PHY 270/272L	Foundations of Physics I (w/lab)	
Or	Or	
PHY 280/280L	Physics I (w/lab)	4
BIO 351/351L	Anatomy & Physiology I (w/lab)	4
	Behavioral Science Elective	3
	General Elective	3

YEAR III Spring

COURSE	TITLE	SEMESTER HOURS
HCE 512	Healthcare Ethics	3
PHY 274/274L	Foundations of Physics II (w/lab)	
Or	Or	
PHY 284/284L	Physics II (w/lab)	4
BIO 352/352L	Advanced Anatomy & Physiology II (w/lab)	4
	Social Science Elective	3
	Liberal Arts Elective	3

At this point, the student applies to a four-year school of medicine program.