

## Program Viewbook

### Bachelor of Science in Public Health (BScPH)

#### Health Administration (HA) Concentration

#### Program Description

The Bachelor of Science in Public Health with a concentration in Health Administration provides students with an integrated understanding of public health and the organizational, managerial, and policy dimensions of healthcare systems. The program builds foundational knowledge in life sciences and public health while emphasizing specialized skills in planning, implementing, assessing, and evaluating health programs and services. Students study the structures and functions of healthcare systems, explore the determinants of population health, and analyze the causes and consequences of health disparities. The curriculum develops analytical and critical thinking skills needed to address the complex challenges faced by health organizations. Students gain experience in evaluating health services, applying evidence-based approaches, and designing solutions that comply with national and international standards. Ethical decision-making, legal and economic considerations, and societal factors are integrated throughout coursework to strengthen professional judgment. Training in communication and leadership equips students to work effectively both independently and in teams, preparing them for administrative and policy-focused roles.

Graduates are equipped for roles such as Medical Office Administrator, Hospital Administrator, Health Information Specialist, Clinical Operations Manager, Health Services Manager, Compliance Officer: Ensures organizational adherence to healthcare regulations and conducts audits, Healthcare Human Resources Manager, Quality Improvement Manager, and Healthcare Consultant.

#### Program Learning Outcomes (PLOs)

- PLO 1 Demonstrate an understanding of the fundamentals of life sciences.
- PLO 2 Demonstrate an understanding of fundamental concepts of Public Health and related issues.
- PLO 3 Comprehend specialized knowledge in planning, implementing, assessing and evaluating health systems.
- PLO 4 Communicate orally and in writing to different audiences in compliance with professional standards.
- PLO 5 Critically analyze complex interplay in health disparities and solve existing health problems.
- PLO 6 Design and implement adequate solutions to protect Public Health using approved national and international practices.
- PLO 7 Work in an effective and creative way individually and in teams and demonstrate innovative leadership skills.
- PLO 8 Develop health programs in compliance with national and international standards.
- PLO 9 Recognize the impact of economic, legal, ethical, and societal factors on Public Health.
- PLO 10 Assimilate current and evolving theories and skills in health administration.

## Program Completion Requirements

The Bachelor of Science in Public Health (BScPH) – Health Administration (HA) concentration shall be awarded to a student upon fulfillment of the following requirements:

- Successful completion of 129 credit hours.
- Achievement of a minimum cumulative GPA of 2.0 on a 4.0 scale.
- Completion of at least 50% of the total program credit hours at CUD.
- Completion of the Internship and Graduation Project while enrolled at CUD.

## Program Structure

<b>University Requirements Courses</b>	<b>24 Cr. Hrs.</b>
<b>Core Courses</b>	<b>72 Cr. Hrs.</b>
<b>Major Courses</b>	<b>33 Cr. Hrs.</b>
<b>Total</b>	<b>129 Cr. Hrs.</b>

## List of Courses

I. University Requirement Courses				
Course Code		Course Title	Prerequisite	Cr. Hrs.
<b>Compulsory Courses</b>				<b>21</b>
LNG	171	English I	None	3
LNG	172	English II	LNG 171	3
GED	102	AI in Modern Life	None	3
GED	190	Emirati Studies	None	3
GED	255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
<b>Elective (Humanities - 03 Credits): Students are required to Select One Course from the following Pool</b>				
GED	103	Head Anatomy Sculpture	None	3
GED	106	Smart Decisions: Data Literacy and Visualization	None	3
GED	110	Modern Art Appreciation	None	3
GED	111	Music Appreciation and Communication	None	3
GED	191	Islamic Studies	None	3
GED	196	Communication Skills in Arabic 1	None	3
GED	205	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED	324	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3
GED	330	Introduction to Canadian Studies	None	3

## II. Core Courses

Course Code	Course Title	Prerequisite	Cr. Hrs.
<b>Compulsory Courses</b>			<b>69</b>
BIO 102	Biology I	None	3
HOM 101	Fundamentals of Healthcare Management	None	3
MTH 112	Calculus I	None	3
SHS 100	Principles of Public Health	None	3
SHS 102	Healthcare Systems	None	3
SHS 103	Chemistry	None	3
SHS 105	Organic Chemistry	SHS 103	3
BIO 202	Biology II	BIO 102	3
ENV 201	Principles of Environmental Science	None	3
ENV 220	Introduction to Environmental Health	ENV 201	3
SCI 210	Modern Physics	None	3
SHS 200	Global Health	None	3
SHS 208	Infectious Diseases	None	3
SHS 220	Applied Medical Terminology	None	3
SHS 221	Chronic and Non-Infectious Diseases	None	3
HOM 303	Health Education and Promotion	None	3
ENV 310	Biostatistics	SHS 200	3
HA 320	Health Policy and Governance	SHS 102, SHS 200	3
ENV 416	Epidemiology	SHS 200	3
ENV 421	Occupational Health and Safety	81 Cr. Hrs.	3
SHS 410	Public Health Ethics	81 Cr. Hrs.	3
SHS 421	Leadership	81 Cr. Hrs.	3
SHS 430	Applied Research	81 Cr. Hrs.	3
<b>Program Elective Courses (03 Credits):</b> Students are required to Select One Course from the following courses			
SHS 205	Biochemistry	SHS 105	3
ENV 309	Impacts of Earth Resources and Natural Hazards on the Environment	ENV 201	3
HOM 414	Accreditation for Healthcare Organizations	HOM 320	3
SHS 420	Career Tasks and Challenges in Public Health	81 Cr. Hrs.	3

## III. Major Courses

Course Code	Course Title	Prerequisite	Cr. Hrs.
<b>Compulsory Courses</b>			<b>33</b>
ACT 112	Principles of Accounting I	None	3
SHS 104	Health Economics	None	3
HRM 210	Human Resource Management	MGT 202/HOM 101	3
HA 301	Health Information Systems	HOM 101	3
HA 310	Healthcare Quality	HOM 101	3
HA 314	Performance Improvement in Healthcare: Measurement and Management	None	3
HA 330	Medical Coding	HA 301	3
HOM 320	Hospital Management	HOM 101	3
MGT 220	Organizational Behavior	None	3
HA 450	Healthcare Finance and Insurance	ACT 112	3
SHS 400	Internship	81 Cr. Hrs.	3

### Eight Semesters Study Plan

Semester	Course Code	Course Title	Prerequisite	Cr. Hrs.
1	BIO 102	Biology I	None	3
	HOM 101	Fundamentals of Healthcare Management	None	3
	LNG 171	English I	None	3
	SHS 103	Chemistry	None	3
	ENT 141	Fundamentals in Innovation and Entrepreneurship 1	None	2
	<b>Total</b>			<b>14</b>
2	LNG 172	English II	LNG 171	3
	SHS 100	Principles of Public Health	None	3
	SHS 105	Organic Chemistry	SHS 103	3
	ENT 142	Fundamentals in Innovation and Entrepreneurship 2	ENT 141	1
	BIO 202	Biology II	BIO 102	3
	GED 102	AI in Modern Life	None	3
	<b>Total</b>			<b>16</b>
3	MTH 112	Calculus I	None	3
	SHS 102	Healthcare Systems	None	3
	SHS 200	Global Health	None	3
	SHS 208	Infectious Diseases	None	3
	ENV 201	Principles of Environmental Science	None	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	<b>Total</b>			<b>17</b>
4	ACT 112	Principles of Accounting I	None	3
	GED 190	Emirati Studies	None	3
	ENV 220	Introduction to Environmental Health	ENV 201	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	SHS 220	Applied Medical Terminology	None	3
	SHS 221	Chronic and Non-Infectious Diseases	None	3
	<b>Total</b>			<b>16</b>
5	SCI 210	Modern Physics	None	3
	GED 255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3
	HRM 210	Human Resource Management	MGT 202 or HOM 101	3
	ENV 310	Biostatistics	SHS 200	3
	HA 301	Health Information Systems	HOM 101	3
	HA 310	Healthcare Quality	HOM 101	3
	<b>Total</b>			<b>18</b>
6	HA 320	Health Policy and Governance	SHS 102, SHS 200	3
	HOM 303	Health Education and Promotion	None	3
	HOM 320	Hospital Management	HOM 101	3
	MGT 220	Organizational Behavior	None	3
	GED XXX	Humanities Elective		3
	<b>Total</b>			<b>15</b>
7	HA 314	Performance Improvement in Healthcare: Measurement and Management	None	3
	HA 330	Medical Coding	HA 301	3
	ENV 416	Epidemiology	SHS 200	3
	SHS 410	Public Health Ethics	81 Cr. Hrs.	3
	XXX XXX	Program Elective Course		3
	<b>Total</b>			<b>15</b>
8	SHS 104	Health Economics	None	3
	ENV 421	Occupational Health and Safety	81 Cr. Hrs.	3
	SHS 421	Leadership	81 Cr. Hrs.	3
	SHS 430	Applied Research	81 Cr. Hrs.	3
	HA 450	Healthcare Finance and Insurance	ACT 112	3
	<b>Total</b>			<b>15</b>
Summer	SHS 400	Internship (Between semesters 6 to 8)	81 Cr. Hrs.	3
<b>Total Credit Hours</b>				<b>129</b>