

**City University of Hong Kong
Course Syllabus**

**offered by Department of Biomedical Sciences
with effect from A 2022/23**

Part I Course Overview

Course Title:	Common Diseases and Management
Course Code:	BMS5001
Course Duration:	One Semester
Credit Units:	3
Level:	5
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: <i>(Course Code and Title)</i>	NIL
Precursors: <i>(Course Code and Title)</i>	NIL
Equivalent Courses: <i>(Course Code and Title)</i>	NIL
Exclusive Courses: <i>(Course Code and Title)</i>	BMS5001A

Part II Course Details

1. Abstract

This course is designed to introduce students to study several common diseases in human regarding epidemiology, etiology, pathophysiology, treatment and prevention. Over the course of the subject, student will study several major diseases that are known to have a significant impact on public health worldwide. Major diseases such as diseases of cardiovascular, endocrine, neurodegenerative, digestive, rheumatology, and cancer, as well as drug development.. Special emphasis is placed on diseases that represent a threat to public health in HK and Asia. This course also will cover the fundamental concepts of disease epidemiology and current methods for disease surveillance and control. Lectures are given by internationally renowned faculty members. Lecturers will provide an overview of the current technological advances that impact health care and public reaction to scientific discoveries. Discussion round tables/group presentation are supervised by individual lecturer, and organized together with local and/or invited faculty members.

2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Understand the epidemiology and etiology of the major diseases such as diseases of cardiovascular, endocrine, neurodegenerative, digestive, rheumatology and cancer..	20%			
2.	Understand symptoms, pathophysiology and therapeutic options of the major diseases.	20%			
3.	Learn the prevention and risk reduction strategies for the major diseases;	30%			
4	Develop critical thinking and reasoning skills towards public health policy formation and management regarding the major diseases.	30%			
		100%			

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

3. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.					Hours/week (if applicable)
		1	2	3	4	5	
Lecture	To learn through teaching.	✓	✓	✓	✓		
Group discussions	Students will be divided into groups and have group discussions to discuss how diseases are developed and treated	✓	✓	✓	✓		

4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.					Weighting	Remarks
	1	2	3	4			
Continuous Assessment: 100 %							
Coursework (home assignments, case studies and presentation)	✓	✓	✓	✓		50%	
Written report on selected topics	✓	✓	✓	✓		50%	
						100%	

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Applicable to students admitted in Semester A 2022/23 and thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
1. Case study and group presentation	Ability to show the learning progress, analyse and express the synthesis of ideas and knowledge	Outstanding performance on all CILOs. Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base.	Substantial performance on all CILOs. Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.	Satisfactory performance on the majority of CILOs possibly with a few weaknesses. Being able to profit from the course experience; understanding of the subject; ability to develop solutions to simple problems in the material.	Unsatisfactory performance on a number of CILOs. Failure to meet specified assessment requirements, little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited or irrelevant use of literature
2. Written assignment	Ability to synthesize, state and apply the principles and subject matter learnt in the course				

Applicable to students admitted before Semester A 2022/23

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. Case study and group presentation	Ability to show the learning progress, analyse and express the synthesis of ideas and knowledge	Outstanding performance on all CILOs. Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base.	Substantial performance on all CILOs. Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.	Satisfactory performance on the majority of CILOs possibly with a few weaknesses. Being able to profit from the course experience; understanding of the subject; ability to develop solutions to simple problems in the material.	Barely satisfactory performance on a number of CILOs. Sufficient familiarity with the subject matter to enable the student to progress without repeating the course	Unsatisfactory performance on a number of CILOs. Failure to meet specified assessment requirements, little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited or irrelevant use of literature
2. Written assignment	Ability to synthesize, state and apply the principles and subject matter learnt in the course					

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus

Epidemiology, Etiology, and Symptoms of the major diseases

Risk factors and Risk reduction strategies, Pathophysiology, and Therapeutic options

2. Reading List

2.1 Compulsory Readings

(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

	NIL
--	-----

2.2 Additional Readings

(Additional references for students to learn to expand their knowledge about the subject.)

	NIL
--	-----