

BMS4304: INDUSTRIAL ATTACHMENT: BIOTECHNOLOGY AND HEALTH SCIENCES

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

Industrial Attachment: Biotechnology and Health Sciences

Subject Code

BMS - Biomedical Sciences

Course Number

4304

Academic Unit

Biomedical Sciences (BMS)

College/School

College of Biomedicine (BD)

Course Duration

Two Semesters

Credit Units

0-8

Level

B1, B2, B3, B4 - Bachelor's Degree

Medium of Instruction

Other Languages

Other Languages for Medium of Instruction

English and other languages as appropriate to the internship setting

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This course aims to enable students to gain practical experience under Industrial Attachment and provide students with the opportunity to:

- (a) integrate the knowledge they acquired in classroom and apply it in real work setting
- (b) appreciate work ethics and professionalism in real work environment
- (c) appreciate team work, group / organizational behaviour in a work environment
- (d) develop an understanding of the operation of industry, based on which students can further plan their career It is conducted at the host company

It is conducted at the host company/institution whereby students are jointly supervised by the host mentor and the CityU supervisor.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Recognize and practise the soft skills that are required at workplace		x	x	x
2	Describe the setting of the industry and the operations of the host company		x	x	x
3	Recognize and practise the roles of professionals in the industry		x	x	x
4	Apply and integrate the knowledge acquired in the classroom at workplace		x	x	x

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 real-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.

Learning and Teaching Activities (LTAs)

LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Industrial attachment	Industrial attachment (under real industrial , Hospitals, NGOs, private labs or departmental labs)	1, 2, 3, 4
2	Supervisors report	Supervisors will assist and support the students during the attachment period	1, 2, 3, 4

3	Oral presentation	Giving a presentation that summarizes the learning during the industrial training.	1, 2, 3, 4	
---	-------------------	--	------------	--

Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks ("- " for nil entry)	Allow Use of GenAI?	
1	Employer/ Supervisor report	1, 2, 3, 4	30	-	No
2	Written report	1, 2, 3, 4	30	allow to use GenAI tools to supplement content and critically analyse these AI-generated information	Yes
3	Final presentation	1, 2, 3, 4	40	allow to use GenAI tools to supplement content and critically analyse these AI-generated information	Yes

Continuous Assessment (%)

100

Examination (%)

0

Minimum Continuous Assessment Passing Requirement (%)

40

Additional Information for ATs

Continuous Assessment: 100% Minimum Passing Requirement: A minimum of 40% in continuous assessment.

Assessment Rubrics (AR)**Assessment Task**

1. Employer/ Supervisor report

Criterion

Ability to record precisely (a) the accomplished tasks and output if any, (b) the student' s observation and analysis and (c) the knowledge/skills acquired by the students during the period.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

2. Written report

Criterion

Ability to deliver one's assigned duties in an efficient and effective manner, at the same time demonstrating excellent (a) work attitude (b) problem solving abilities (c) critical and analytical skills and (d) communication and interpersonal skills

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

3. Final presentation

Criterion

Ability to well-organize the content materials and communicate with the audience confidently through the presentation in an effective manner, supported with good eye contact, vocal expression, poise, appropriate pace and time management and to answer the questions asked as thoroughly and precisely as one can.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Part III Other Information

Keyword Syllabus

Nil

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil