City University of Hong Kong
Course Syllabus

offered by School of Data Science
with effect from Semester B 2022/23

Part I   Course Overview

Course Title:	Internship
Course Code:	SDSC0001
Course Duration:	At least 2 weeks Full-time / 75 work hours Part-time In Semester A, Semester B or Summer Term
Credit Units:	0
Level:	B1
Proposed Area: *(for GE courses only)*	☐ Arts and Humanities ☐ Study of Societies, Social and Business Organisations ☐ Science and Technology
Medium of Instruction:	English and/or other languages dependent upon the prevailing language used in the placement/internship
Medium of Assessment:	English
Prerequisites: *(Course Code and Title)*	The internship should be programme-related. Prior approval should be sought from the programme leader.
Precursors: *(Course Code and Title)*	Nil
Equivalent Courses: *(Course Code and Title)*	Nil
Exclusive Courses: *(Course Code and Title)*	Nil
Remarks:	Each student is only allowed to register once in their Year 1 study.

Part II   Course Details

1.   Abstract
(A 150-word description about the course)

This course aims to provide students with real life working experience in local and/or overseas industries, businesses, and organizations for a minimum of 2 weeks full-time (or 75 hours for part-time). Students are expected to gain practical and comprehensive understanding of data science tasks, business operations and professional environment by applying data science theories and skills that they have learned in the curriculum. Students will develop skills in effective communication in individual/team work, time management, the acquisition, analysis, visualization, and modeling of data, etc. The course will enhance the students' competitiveness in the job market.

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.	Communicate effectively with the industrial and university supervisors to demonstrate the ability to accomplish the internship tasks, and the continuous learning experience.	N/A	√		
2.	Demonstrate the ability to apply the theories and acquired from the curriculum in real world data analytics problems.	N/A		√	
3.	Reflect on personal strengths and weaknesses, and identify the key development needs and set short and long term strategic goals for future career development.	N/A			√

* If weighting is assigned to CILOs, they should add up to 100%. | 100% |

 # Please specify the alignment of CILOs to the Gateway Education Programme Intended Learning outcomes (PILOs) in Section A of Annex.

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	
Internship	• Students need to work at least 2 weeks full-time (or 75 hours for part-time) in a company in Hong Kong, Mainland, Macau, Taiwan or overseas. • Students are required to seek the approval of an internship coordinator to be his/her academic supervisor before he/she enrols in the course. The nature of the job has to meet the requirement of the course. • Students are expected to secure internships either by themselves or through the assistance of SDSC or CityU's Career and Leadership Centre. • An internship report is required at the end of the internship.	√	√	√	

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		
Continuous Assessment: 100%					
Internship reflective report (500 words)	√	√	√	100%	
Evaluation report by the industrial supervisor	√	√		0%	
Examination: 0%					

*The weightings should add up to 100%.   **100%**

Internship reflective report (500 words)
This paper (about 500 words) requires student interns to reflect upon their major learning and personal gain at the internship placement. They may describe or evaluate a significant experience or achievement that has special meaning for them, describe how they have grown and developed over the period, or write about a teammate or work colleague who has had special influence on them and describe that influence.

Evaluation report by the industrial supervisor
Evaluation by workplace supervisor should be given to the intern throughout the period accumulating in a formal evaluation form with quantitative and qualitative comments from the supervisor.

5. Assessment Rubrics

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

Assessment Task	Criterion	Pass (P)	Failure (F)
1. Internship reflective report (500 words)	• Ability to identify and address the data science problems with the theories and skills learned in the curriculum. • Ability to identify and meet the practical challenges that arise from real world problems.	Basic or above basic level	Not reaching basic level
2. Evaluation by the industrial supervisor	• Capacity for good working attitude and teamwork in internship.	Basic or above basic level	Not reaching basic level

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

1. **Keyword Syllabus**
   (An indication of the key topics of the course.)

   Internship, real world applications, data science practice, career planning, effective communication.

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