

City University of Hong Kong
Course Syllabus

offered by Department of Information Systems
with effect from Semester A 2022 / 2023

Part I Course Overview

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| Course Title: | Information Systems Project |
| Course Code: | IS6912 |
| Course Duration: | Two semesters (26 weeks) |
| Credit Units: | 6 |
| Level: | P6 |
| 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> | IS6911 Information Systems Project IS6915 Dissertation |

Part II Course Details

1. Abstract

The aim of this course is to develop the student's expertise in a chosen subject area directly related to the programme, through the application of knowledge, skills and information technology acquired during the programme in developing a solution to a specific information systems problem.

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. | Plan, schedule, monitor, control and report on a substantial piece of work. | 25% | | | |
| 2. | Undertake applied research or development work in information systems. | 25% | ✓ | ✓ | ✓ |
| 3. | Select and assess material relevant to the chosen problem area. | 25% | | | |
| 4. | Apply some of the methods, tools and techniques acquired during the programme in an analysis of the problem area. | 25% | ✓ | ✓ | ✓ |
| | | 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 | |
| TLA1: Consultation | As a project, students can expect to meet an assigned supervisor on a one-to-one basis over the course of the project. As such, there are no formal TLAs for the course. | ✓ | ✓ | ✓ | ✓ | |
| TLA2: Project | <p>This course has no formal syllabus. Each student will be required to undertake an individual project which uses the subject matter and skills developed in the programme. Each supervisor will supervise at most five students. The Course Leader will approve all supervisor-student pairings.</p> <p>Students will finalise their choice of topic by week 2 of the semester when the project starts. Students will be encouraged to propose their own topics, in consultation with their supervisor. Topics may also be provided, supporting staff interests or related to the needs of a 'client' associated with a member of staff. Each student will be required to submit a project proposal for approval by the project supervisor.</p> <p>For projects in a specialist area, a staff member other than the project supervisor may be the "resident consultant". The "resident consultant" will provide expertise on the students project subject. Project assessment, however, will remain with the project supervisor.</p> <p>The topic area of the project will be chosen so that the aims of the project can be achieved. Criteria for choice include: compatibility with the contents of the programme, compatibility with the interests of a supervisor, availability of necessary specialised resources, local interest and significance.</p> | ✓ | ✓ | ✓ | ✓ | |

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% | | | | | | | | |
| <u>AT1: Individual Project[#]</u> | | | ✓ | ✓ | ✓ | ✓ | 100% | |
| There are six stages in the project, as below: | | | | | | | | |
| Stage | Normal Completion Date (Semester/Week) | Marks (%) | | | | | | |
| Approval of the project title | A/2 | 0 | | | | | | |
| Completion of the 1st interim report | A/7 | 10 | | | | | | |
| Completion of the 2nd interim report | A/13 | 10 | | | | | | |
| Completion of the 3rd interim report | B/6 | 10 | | | | | | |
| Completion of the complete project draft | B/11 | 0 | | | | | | |
| Submission of the completed project | B/13 | 70 | | | | | | |
| | | | | | | | 100% | |

[#] The project is to be prepared and submitted in accordance with the standards specified by the Project Supervisor. Where appropriate, the Project Report will be accompanied by a soft copy of the whole report, including any software developed as part of the project.

The Project will be assessed on the written project and the delivered information systems product if appropriate. The project report, including the software deliverable if any, will be marked by the supervisor.

In addition, a student may be required to make an oral presentation of the project. The oral presentation will not be marked. It will be used to confirm that the work presented in the project was that of the student, to clarify points of concern in the project, and to moderate individual marks across the student cohort (if any).

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) |
|-------------------------|---|-----------------------|--------------|----------------------|-----------------------------------|
| AT1: Individual Project | Ability to plan, schedule, monitor, control and report on a substantial piece of work. | High | Significant | Moderate | Not even reaching marginal levels |
| | Capability to undertake applied research or development work in information systems. | High | Significant | Moderate | Not even reaching marginal levels |
| | Ability to select and assess material relevant to the chosen problem area. | High | Significant | Moderate | Not even reaching marginal levels |
| | Capability to apply some of the methods, tools and techniques acquired during the programme in an analysis of the problem area. | High | Significant | Moderate | Not even reaching marginal levels |

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) |
|-------------------------|---|-----------------------|------------------|------------------|--------------|-----------------------------------|
| AT1: Individual Project | Ability to plan, schedule, monitor, control and report on a substantial piece of work. | High | Significant | Moderate | Basic | Not even reaching marginal levels |
| | Capability to undertake applied research or development work in information systems. | High | Significant | Moderate | Basic | Not even reaching marginal levels |
| | Ability to select and assess material relevant to the chosen problem area. | High | Significant | Moderate | Basic | Not even reaching marginal levels |
| | Capability to apply some of the methods, tools and techniques acquired during the programme in an analysis of the problem area. | High | Significant | Moderate | Basic | Not even reaching marginal levels |

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.)

As an individual project, there is no keyword syllabus. The project supervisor may advise a student to read materials in his/her chosen area – but this will be on a case by case basis and cannot be prescribed in a document like this.

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.)

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| | Nil |
|--|-----|

2.2 Additional Readings

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

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| 1. | Saunders, M.N.K., Lewis, P. and Thornhill, A. (2019) Research Methods for Business Students, Eighth Edition, Pearson Education |
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