

IS6600: GLOBAL INFORMATION SYSTEMS AND KNOWLEDGE MANAGEMENT APPLICATIONS IN ORGANISATIONS

Effective Term

Semester A 2026/27

Part I Course Overview

Course Title

Global Information Systems and Knowledge Management Applications in Organisations

Subject Code

IS - Information Systems

Course Number

6600

Academic Unit

Information Systems (IS)

College/School

College of Business (CB)

Course Duration

One Semester

Credit Units

3

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

IS5313 Foundations of Information and Electronic Business Systems, IS6921 Knowledge Management

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

The aims of this course are to:

- Develop and enhance students' ability to analyze organisational circumstances in the global environment, with a particular focus on information and knowledge management systems.
- Develop and enhance students' ability to engage in strategic IS and KM planning in the broader organisational context.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Conduct a rigorous analysis of organisational case-based problems in order to gain insights into organisational realities and communicate these persuasively.	25	x	x	x
2	Describe the strengths and weaknesses of different IS and KM applications in the global business context.	25	x	x	x
3	Plan strategic directions for global organisations that seek to align their IS and KM positions with their overall business position.	25			
4	Apply IS and KM tools in order to effect improvements in organisational problem contexts.	25			

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	LTA1. Seminar	Students will learn the Information Systems and Knowledge Management cases and application examples in organisational contexts. Students will be expected to read cases before class. A variety of means will be used to analyse and discuss the cases, including small group focus group discussion, whole-class white board discussion, web-based groupware for brainstorming and group authoring (e.g. blogs, wikis).	1, 2, 3, 4	Seminar : 39 hours
2	LTA2. Independent Study	All students will be expected to engage with the topic matter via outside class activities that may include readings of journal articles and web-based resources.	1, 2, 3, 4	
3	LTA3. Research Experiences	All students will need to work on group projects in which they will need to undertake a review of the relevant literature and ideally analyse the use of IS & KM applications in an organisational context in order to develop their own insights.	1, 2, 3, 4	

Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks	Allow Use of GenAI?	
1	AT1. Discussion and Participation Students will be required to attend at least 70% of classes (9 classes). Failure to do so will result in failure of the course as a whole. Individual discussion and participation will be assessed both inside and outside each class, and an aggregate score calculated for the entire semester. Discussion opportunities will include focus group discussions, online self reflection student presentations, whiteboard-based discussions, open questioning during the seminar.	1, 2, 3, 4	20	-	Yes
2	AT2. Group Project A group project will be developed involving the analysis of IS and/or KM applications in an existing organisational context.	1, 2, 3, 4	40	-	Yes

Continuous Assessment (%)

60

Examination (%)

40

Examination Duration (Hours)

2

Additional Information for ATs**AT3. Examination**

A written examination is developed to assess student's competence in the taught material. The examination will assess both basic knowledge and the acquisition and application of more advanced insights into the application of IS and KM in organisational contexts.

Note: Students must pass BOTH coursework and examination in order to get an overall pass in this course.

Assessment Rubrics (AR)

Assessment Task

AT1. Discussion and Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Capability to rigorously and reflectively analyse organisational case based problems, demonstrate insights into organisational realities and communicate these persuasively

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

AT1. Discussion and Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to describe the strengths and weaknesses of different IS and KM applications in the global business context at a professional level

Excellent

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Assessment Task

AT1. Discussion and Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to engage in a professional standard of IS and KM strategic alignment planning for global orgs

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

Fair

(C+, C, C-) Moderate

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Assessment Task

AT1. Discussion and Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Ability to undertake a professional application of IS and KM tools in order to effect improvements in organisational problem contexts

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

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(C+, C, C-) Moderate

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(D) Basic

Failure

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Assessment Task

AT2. Group Project (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Capability to rigorously and reflectively analyse organisational case based problems, demonstrate insights into organisational realities and communicate these persuasively

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Part III Other Information

Keyword Syllabus

Note: While many topics are covered below, each will be used primarily in the context of a case to illustrate a global IS or KM application. Thus, students are not expected to learn everything about a particular topic - which might normally require much more time.

- Cultural Differences and Information Systems
- IS Strategy & Planning
- Global E-Commerce Cases
- IT and Business Process Outsourcing/Offshoring
- Green IT
- Social networking technology for knowledge management and sharing
- Knowledge management and sharing in organisations
- Knowledge and concept mapping technology for knowledge engineering and representation

Reading List**Compulsory Readings**

Title	
1	Nil

Additional Readings

Title	
1	No textbook will be set for this course. Students will be assigned readings from online case sources such as Centre for Asian Business Cases, CIO.com, SCMP, MISQ Executive, Communications of the AIS, and instructor-written cases.