

IS5600: GLOBAL INFORMATION SYSTEMS

Effective Term

Semester A 2026/27

Part I Course Overview

Course Title

Global Information Systems

Subject Code

IS - Information Systems

Course Number

5600

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

Nil

Precursors

Nil

Equivalent Courses

IS6600 Global Information Systems and Knowledge Management Applications in Organisations

Exclusive Courses

Nil

Part II Course Details

Abstract

The aims of this course are threefold:

- to stimulate an understanding of the current state of global information systems in terms of their development, their capability, and their role in corporate and government strategy;
- to explain what global information systems are in terms of theory and practice;
- to give a foundation for the appreciation of how new types of information system will be likely to influence and change global business practices.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Describe and assess current IS capability for supporting and integrating operational and strategic organisational needs in a variety of different functional contexts in global organisations	30	x	x	x
2	Reflect on cross-cultural differences in the way information systems are implemented and their impacts	40			
3	Forecast and analyse how emerging information systems applications will affect global organisations of the future	30			

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	Seminar	IS5600 is taught as a 3-hour seminar. Seminars are designed to contain a mix of "lecture" and "discussion", the latter often supported by case analysis. Students will learn the following items from the seminars: 1. Introduction to Global Information Systems and Global Culture. 2. The conversational nature of markets. The power of blogs, wikis and other user-edited content management systems. 3. Global Electronic Commerce. Key aspects of successful website design, e-shopper motivation, payment systems, legal and ethical issues. 4. Extending the Global Enterprise: Enterprise Resource Planning and Supply Chain Management. The leveraging power of information systems in organisations. 5. Virtual organisations virtual teams, virtual work. Organisational responses to and ethical positions on emerging technologies. 6. Knowledge Management and Knowledge Sharing. The nature of knowledge. Informal and Codified IT-enabled approaches to knowledge harvesting. Problems associated with knowledge acquisition, maintenance, dissemination and re- contextualisation. Emerging KM developments. 7. Global Information Systems Strategy and Planning. 8. Business-IT Alignment. Balanced Scorecards.	1, 2, 3

2	Peer Discussion	Students will be invited to work in small groups (sized 1- 6 members) on a global IS project of their choice.	1, 2, 3	
3	In Class Participation	All students will be expected to participate actively in class.	1, 2, 3	

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks	Allow Use of GenAI?
1	Seminar Exercises and Participation Each seminar will include the opportunity for students to engage in discussion about IT-related organisational cases.	1, 2, 3	25	-	Yes
2	Group Project A small group project will require students to undertake a literature review, situation analysis, and change recommendation set of procedures for a specific organisational context. It is expected that the project report submitted will be holistically integrated, not merely stuck together.	1, 2, 3	25	-	Yes

Continuous Assessment (%)

50

Examination (%)

50

Examination Duration (Hours)

2

Additional Information for ATs

Examination

A written examination is developed to assess each student's competence level of the taught subjects.

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

Assessment Rubrics (AR)

Assessment Task

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

Criterion

Ability to Superlatively describe and assess current global IS capability for supporting operational and strategic organisational needs.

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

Criterion

Capability to reflect at a superlative level of sensitivity about the way in which cross- cultural differences will a) affect the way global IS can be implemented and b) the implementational consequences.

Excellent

(A+, A, A-) High

Good

(B+, B, B-) Significant

Fair

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(F) Not even reaching marginal levels

Assessment Task

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

Criterion

Ability to demonstrate superlative creativity in thinking about how emerging global IS applications will affect organisations of the future

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

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

Criterion

Ability to describe and assess current global IS capability for supporting operational and strategic organisational needs.

Excellent

(A+, A, A-) High

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(B+, B, B-) Significant

Fair

(C+, C, C-) Moderate

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Assessment Task

AT3. Examination (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

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Part III Other Information

Keyword Syllabus

Cultural Differences and Information Systems; Enterprise Resources Planning; Global IS Strategy & Planning; Global E-Commerce Cases; Outsourcing/Offshoring; Social networking technology for knowledge management and sharing; Privacy and Security issues for IS and KM, including knowledge and information asset management; Surveillance and Big Data; Virtual Work, Teams and Organisations; E-Commerce; IT- Enabled Organisational Integration and Transformation; IS Strategy and Planning; IT and Work Systems; cross-cultural sensitivity in global IS.

Reading List

Compulsory Readings

Title	
1	McNurlin & Sprague (latest edition), Information Systems Management in Practice

Additional Readings

Title	
1	Nil
2	Online Resources www.misqe.org ; www.cio.com ; www.mckinseyquarterly.com