

MSc Enterprise Systems Development and Management (Full Time/ Part Time) – E560

1. Introduction

Available in both full and part-time mode, the MSc Enterprise Systems Development and Management programme will provide graduates from IT and related fields with the necessary skills to manage enterprise-wide systems. This programme is a response to the increasing need of business centres for leaders who can manage people and processes, who communicate well, and who are knowledgeable about the issues and best practices in integrating and managing enterprise data and processes. The course has been designed to permit a high degree of flexibility in that students may take varying combinations of modules.

2. Aims and Objectives

The programme aims at developing skills in managing enterprise-wide information systems that coordinate all the resources, information, and activities needed to complete business processes such as order fulfilment or billing. The successful graduate will become a competent manager who can communicate well, train and lead others in selecting, installing, integrating, protecting, and maintaining integrated systems for business functions such as business intelligence, manufacturing, supply chain management, financials, projects, human resources and customer relationship management. Modules will include class presentations by students.

3. General Entry Requirements

Successful completion of an undergraduate degree with at least a Second Class or 50%, whichever is applicable, or a GPA not less than 2.5 out of 4 or equivalent, from a recognised Higher Education Institution, or alternative qualifications acceptable to the University of Mauritius.

4. Programme Requirements

Any undergraduate degree in Computer Science or other related areas, OR business/management degree with IT-based modules acceptable to the department. Familiarity with accounting concepts is advantageous.

5. Programme Duration

The normal duration of the programme will be as detailed below.

	Full time (yrs)	Part Time (yrs)
Minimum	1	2
Maximum	2	4

However students wishing to exit earlier, with a Postgraduate Diploma, can do so subject to their meeting the requirements specified in item 6.

The programme will be run on a semester system, where an academic year consists of two semesters. A semester is of 15 weeks duration (excluding Exam Period).

6. Minimum Credits Required for Award of:

Master's Degree : 36
Postgraduate Diploma : 24

Breakdown as follows:

	Minimum Core Taught Modules	Dissertation	Electives Optional Modules
Master's Award	18 credits	12 credits	6 credits
Postgraduate Diploma	18 credits		6 credits

7. Assessment

All modules are of 45 hours duration and carry equal weightage [i.e of 3 credits].

All modules will carry 100 marks and will be assessed as follows (unless otherwise specified).

- A written examination of 3 hours and
- Continuous assessment carrying a range of 30% to 40% of total marks. Continuous assessment may be based on laboratory works, and/or assignments and tests but should include at least 2 assignments/tests per module.
- An overall total of **40%** for combined continuous assessment and written examination components would be required to pass the module, without minimum thresholds within the individual continuous assessment and written examination.

Students are required to register for modules which they intend to follow in a given semester on date(s) specified by the Faculty.

Submission Deadlines for Project – as per university regulation:

	Full time	Part Time
Start	January – Level 1	January – Level 2
Submission	Last working day of August – Post Level 1	Last working day of August – Post Level 2

8. List of Modules

CORE MODULES

CSE 6209 - Software Project Management
 CSE 6027 - Enterprise Applications Development
 CSE 6080 - ERP & Change Management
 CSE 6081 - Enterprise Data Management
 ENGG 6101 - Principles of Project Management
 MGT 5212 - Human Resources and Quality Management
 CSE 6000 - Project

ELECTIVE MODULES

Group A

CSE 6082 - Computer and Network Security (3L)
 CSE 6083 - E-Business Technology (2L + 2P)
 CSE 6084 - Enterprise Networking (3L)
 CSE 6085 - Enterprise Architecture and Integration (3L)

Group B

ACT 5112 - Project Economics and Finance
 (3L) ENGG 6305 - Procurement Management
 (3L)
 LAW 5401 - Legal Aspects of Project Management
 (3L) MGT 6011Y - Marketing Management (3L)

Note: Students will take six core modules and two electives (one elective from group A, one from group B).

9. Programme Plan – MSc Enterprise Systems Development and Management

(Full time)

	Module Code	Module	Hrs/WK L + P	Credits
Semester I	CSE 6027	Enterprise Applications Development	2+2	3
	CSE 6080	ERP & Change Management	2+2	3
	CSE 6081	Enterprise Data Management	2+2	3
	ENGG 6101	Principles of Project management	3+0	3
		Elective 1	(See section 8)	3
Semester II	CSE6209	Software Project management	3+0	3
	MGT5212	Human Resources and Quality Management	3+0	3
		Elective 2	(See section 8)	3
	CSE 6000	Project		12

(Part time)

	Module Code	Module	Hrs/WK L + P	Credits
Semester I	CSE 6080	ERP & Change Management	2+2	3
	CSE 6081	Enterprise Data Management	2+2	3
	ENGG 6101	Principles of Project Management	3+0	3
Semester II	CSE 6209	Software Project Management	3+0	3
	MGT 5212	Human Resources and Quality Management	3+0	3
		Elective1	(See section 8)	3
Semester III	CSE 6027	Enterprise Applications Development	3+0	3
		Elective 2	(See section 8)	3
Semester IV	CSE 6000	Project		12

Note 1: An elective will be provided only if sufficient number of students have opted for it and depending on availability of resources.

Note 2: Some courses may be run during/after office hours depending on availability of resources.