



University of Mauritius



C-DAC School of Advanced Computing

**CD 303 BSc (Hons) Business Informatics**  
**(Diploma to Degree Upgrade – Part Time)**

1. **OBJECTIVES**

Information Technology Enabled Services (ITES) and Business Processing Outsourcing (BPO) are the fastest growing areas in the global Information Technology services business. Businesses in developing countries are taking unprecedented advantage of this opportunity and this phenomenon has created the need for IT professional with thorough understanding of Business Processes in an organization and how these are enabled using ICT infrastructure; very often offshore; in other countries.

This program is designed to provide the right mix of business concepts, programming logic and emphasizes on computer applications. There is a substantial focus on the practical and hands-on component, with a provision to actually acquire skills in such a way that it can be immediately utilised without the needs for on-the-job training eliminating the skill gaps that industry faces.

On completing the requirements of the degree program, students will have acquired adequate skills for the exploitation, design, utilization and development of business applications that are becoming critical to corporate requirements.

The C-DAC School of Advanced Computing, a joint initiative of the Centre for Development of Advanced Computing (CDAC) India, and the University of Mauritius, will run this programme. The Degree is awarded by the University of Mauritius.

2. **GENERAL MINIMUM ENTRY REQUIREMENTS**

In accordance with the University's General Entry Requirements for admission to undergraduate programmes.

3. **PROGRAMME REQUIREMENTS**

- a. At least 2 G.C.E. 'A' Level Passes, **and**
- b. A Diploma in Business or IT related disciplines acceptable to the University of Mauritius.

**General and Programme Requirements - Special Cases**

The following may be deemed to have satisfied the general and programme requirements for admission:

- (i) Applicants who do not satisfy any of the requirements as per Sections 2 and 3 above but who submit satisfactory evidence of having passed examinations which are deemed by the Senate to be equivalent to any of those listed.
- (ii) Applicants who do not satisfy any of the requirements as per Sections 2 and 3 above but who in the opinion of Senate submit satisfactory evidence of the capacity and attainments requisite to enable them to pursue the programme proposed.
- (iii) Applicants who hold a full practising professional qualification obtained by examination.

### **Mature Students**

'Mature Students' shall be those candidates having full School Certificate, and

- (i) who do not satisfy the General Entry Requirement and who are (preferably) at least 25 years of age and who have at least 5 years relevant work experience, or
- (ii) who satisfy the General Entry Requirement and who are (preferably) at least 25 years of age, but are lower in terms of their computer list ranking at the UoM; and who have at least 5 years relevant work experience.

#### **4. PROGRAMME DURATION**

	Normal	Maximum
Degree	1 1/2 years P/T ( 3 semesters )	3 years P/T (6 semesters )

**SEMESTER:** 15 weeks (Excluding Examination Period)

#### **6. MINIMUM CREDITS REQUIRED FOR AWARD OF DEGREE:**

<b>MODULES</b>	<b>CREDITS</b>
Core	42
Project(Compulsory)	9
<b>Total</b>	<b>51</b>

#### **7. ASSESSMENT**

Each module will carry 100 marks and will be assessed as follows (unless otherwise specified):

- i) Continuous assessment carrying a range of 20% to 30% of total marks except for a programme where the structure makes for other specific provision(s). Continuous assessment may be based on laboratory work and/or assignments and should include at least 1 class test.
- ii) Written examination of 2-hour duration carrying a range of 70% to 80%.
- iii) An overall total of 40% is required for a student to pass a module.

#### **8. TERMINATION OF REGISTRATION**

A person shall cease to be a registered student of the University if his/her CPA remains below 40% for two consecutive registered semesters.

Any student whose registration has been terminated should not be admitted on

- a) the same programme until a period of two years after termination of registration.
- b) on a new programme until a period of one year after termination of registration.

## 9. PROGRAMME STRUCTURE

### LEVEL 3 SEMESTER 1

CODE	MODULE	Hrs/Wk L	Hrs/Wk P	CREDITS
MGT 1111	ORGANISATION AND MANAGEMENT	2	0	3
ACF 1000	ACCOUNTING FOR FINANCIAL DECISION MAKING	3	0	3
DAC 2105	DATABASE TECHNOLOGIES	2	2	3
MGT 3111	OPERATIONS MANAGEMENT 1	3	0	3
DAC 2106	CASE STUDY IN FINANCIAL APPLICATION	2	2	3

### SEMESTER 2

CODE	MODULE	Hrs/Wk L	Hrs/Wk P	CREDITS
DAC 2107	SOFTWARE ENGINEERING	3	0	3
DAC 3103	ENTERPRISE RESOURCE PLANNING	3	0	3
CSE 3203	MANAGEMENT INFORMATION SYSTEMS	3	0	3
DAC 3102	PRINCIPLES OF SOFTWARE PROJECT MANAGEMENT	3	0	3
DAC 3106	BUSINESS PROCESS OUTSOURCING	3	0	3
DAC 3000	FINAL YEAR DEGREE PROJECT*		3	

\* CREDITS TO BE EARNED AT THE END OF SEMESTER 3

### SEMESTER 3

CODE	MODULE	Hrs/Wk L	Hrs/Wk P	CREDITS
DAC 3203	CYBER LAWS	3	0	3
DAC 3206	INFORMATION SYSTEMS AUDIT & CONTROL	3	0	3
CSE 3207	INFORMATION SYSTEMS SECURITY	3	0	3
MGT 3205	TOTAL QUALITY MANAGEMENT	3	0	3
DAC 3000	FINAL YEAR DEGREE PROJECT		6	9

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### **C-DAC School of Advanced Computing (C-SAC)**

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