



**University of Mauritius**  
**C-DAC School of Advanced Computing**



## **CD 501 MSc Software Project Management**

**with Specialization in Computer Security or e-Business or  
Enterprise Resource Planning or IT Business Applications**

### **1. OBJECTIVE**

The MSc programme allows students to acquire extensive software project management knowledge and skills, providing excellent opportunities for new career pathways. The depth and methodology of the programme, with the option to specialize in various state-of-the-art technologies, are unique covering a wide spectrum of requirements of the ICT industry.

### **2. GENERAL ENTRY REQUIREMENTS**

At least a Second Class Degree from a recognized University or GPA not less than 2.50, or alternative qualifications acceptable to the University of Mauritius.

**Mature Students** who are older in terms of age (>30) and do not have the General Entry Requirements for admission at University of Mauritius but have a minimum of ANY ONE of the following criteria may also be considered:

- A recognized undergraduate Diploma in relevant field or any other equivalent qualifications acceptable to the University plus at least 15 years' of relevant work experience.
- A third class or pass degree in relevant field plus at least 7 years' of relevant work experience.

### **3. PROGRAMME REQUIREMENTS**

A degree in Information Technology, Business Informatics, Information Systems, Computer Science, or any other IT or business/management related field from a recognized higher education institution acceptable to the University of Mauritius.

### **4. PROGRAMME DURATION**

<b>Programme</b>	<b>Normal</b>	<b>Maximum</b>
<b>MSc (Part Time)</b>	1.5 years	4 years

Different exit options of the programme are provided below:

<b>Programme</b>	<b>Core Modules</b>	<b>Elective Modules</b>	<b>Dissertation</b>	<b>Total</b>
<b>Postgraduate Certificate</b>	12 credits	-	-	<b>12</b>
<b>Postgraduate Diploma</b>	12 credits	12 credits	-	<b>24</b>
<b>MSc</b>	12 credits	12 credits	12 credits	<b>36</b>

## 5. PROGRAMME STRUCTURE

### SEMESTER 1

#### Core Modules

Code	Module Name	Hr (L+P)	Credits
CSE 6209	Software Project Management	45+0	3
DAC 6105	Software Process and Quality Management	45+0	3
DAC 6205	Software Quality Assurance and Testing	30+30	3
DAC 6106	IT Strategic Planning and Management	45+0	3

### SEMESTER 2

#### Elective Modules

The elective modules are divided into different Specializations. Students have to opt for **4 modules** from **ONLY ONE** of the following Specializations:

Code	Module Name	Hr (L+P)	Credits
<b><u>Specialization</u></b>			
<b><u>Computer Security</u></b>			
DAC 6104	Computer Security	45+0	3
DAC 6219	Network and Internet Security	45+0	3
DAC 6208	Cyber Crime and Law	45+0	3
DAC 6209	Information Security Management	45+0	3
<b><u>Specialization</u></b>			
<b><u>e-Business</u></b>			
DAC 6220	e-Business	45+0	3
DAC 6223	Technologies for e-Business	45+0	3
DAC 6221	e-Business Strategies and Management	45+0	3
DAC 6222	Law and Ethics of e-Business	45+0	3
<b><u>Specialization</u></b>			
<b><u>Enterprise Resource Planning</u></b>			
DAC 6224	ERP Systems	45+0	3
DAC 6225	Customer Relationship Management	45+0	3
DAC 6226	Supply Chain Management	45+0	3
DAC 6227	Business Process Management & Outsourcing	45+0	3
<b><u>Specialization</u></b>			
<b><u>IT Business Applications</u></b>			
DAC 6228	Business Intelligence	45+0	3
DAC 6220	e-Business	45+0	3
DAC 6230	Internet Banking	45+0	3
DAC 6231	IT Business Applications	45+0	3

### SEMESTER 3

#### Dissertation

DAC 6000	Dissertation	12
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#### **C-DAC School of Advanced Computing (C-SAC)**

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