



**Master of Science in Information and Communication Technology (Information Systems)
(FULL TIME – 4 SEMESTERS)**

**REGISTRATION FOR STUDY-UNITS - ACADEMIC YEAR 2023/24
(for courses commencing October 2023)**

NAME & SURNAME: _____

ADDRESS: _____

TEL/Mobile No: _____

I. D. No: _____

PLEASE READ THE INSTRUCTIONS HEREUNDER WITH REGARDS TO STUDY UNIT REGISTRATION.

In addition to the compulsory study-units for the year (30 ECTS credits), students are required to choose study-units to the value of 30 ECTS credits from the elective study-units on offer during the year.

YEAR

Compulsory units have been ticked for your convenience.

COMPULSORY UNITS – (ALL STUDENTS *MUST* REGISTER FOR THESE UNITS)

SOR0510	Statistical Methods for Information & Communication Technology	5 ECTS Credits	<input checked="" type="checkbox"/>
---------	--	----------------	-------------------------------------

SEMESTER 1:

COMPULSORY UNITS – (ALL STUDENTS *MUST* REGISTER FOR THESE UNITS)

CIS5004	Programming in Python and Principles of Data Science	5 ECTS Credits	<input checked="" type="checkbox"/>
CIS5201	Advanced Databases – Data Models and Database Languages	5 ECTS Credits	<input checked="" type="checkbox"/>
CIS5204	e-Business Systems	5 ECTS Credits	<input checked="" type="checkbox"/>

SEMESTER 1:

ELECTIVE UNITS (Elective units are offered subject to availability and time-table constraints)

CIS5113	Large Scale Databases	5 ECTS Credits	<input type="checkbox"/>
CPS3230	Fundamentals of Software Testing	5 ECTS Credits	<input type="checkbox"/>

SEMESTER 2:**COMPULSORY UNITS – (ALL STUDENTS *MUST* REGISTER FOR THESE UNITS)**

CIS5223 Concepts, Techniques & Practical Aspects of Scientific Research 5 ECTS Credits

**SEMESTER 2:****ELECTIVE UNITS (Elective units are offered subject to availability and time-table constraints) –****Information Processing Stream**

CIS3400	Introduction to Fintech	5 ECTS Credits	<input type="checkbox"/>
CIS5115	Enterprise Solutions	5 ECTS Credits	<input type="checkbox"/>
CIS5212	Geographic Information Systems	5 ECTS Credits	<input type="checkbox"/>
ICT5101	Internet of Things	5 ECTS Credits	<input type="checkbox"/>

Software Engineering Stream

CIS5040	Architecting Scalable Online Solutions	5 ECTS Credits	<input type="checkbox"/>
CIS5050	Human Computing Interaction	5 ECTS Credits	<input type="checkbox"/>
CIS5217	Distributed Computing and Decentralised Systems	5 ECTS Credits	<input type="checkbox"/>
CPS5123	Systems Security	5 ECTS Credits	<input type="checkbox"/>

Signature _____

Date _____

Registration forms are to be sent by email to jake.muscat@um.edu.mt