

**KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY  
REVISED CURRICULUM STRUCTURE OF MASTER OF INFORMATION  
TECHNOLOGY  
(COURSEWORK)**

**Summary of Credit Hour Requirement**

Categories of Courses	Credit Hours
Kulliyyah Required Courses	8
Department Required Courses	12
Project	12
Elective	8
<b>Total</b>	<b>40</b>

**Requirement Details**

KULLIYAH REQUIRED COURSES				
Course Code	Course Name	Offering Dept	Credit Hours	Pre-requisites
INFO 7011	Islamic Worldview on ICT and Society	DIS	4	-
INFO 7901	ICT Research Methods	DIS	4	-

DEPARTMENT REQUIRED COURSES				
Course Code	Course Name	Offering Dept	Credit Hours	Pre-requisites
INFO 7131	IT Project & Change Management	DIS	4	-
INFO 7151	IT Strategy & Governance	DIS	4	-
INFO 7145	Methodologies for System Development	DIS	4	-

PROJECT				
Course Code	Course Name	Offering Dept	Credit Hours	Pre-requisites
INFO 7991	Computing Project	DIS	12	-

DEPARTMENT ELECTIVE COURSES*				
Course Code	Course Name	Offering Dept	Credit Hours	Pre-requisites
INFO 7115	Advanced Data Management	DIS	4	-
INFO 7125	Business Data Communications & Networking	DIS	4	-

INFO 7165	Advanced Enterprise Integration	DIS	4	-
INFO 7211	Knowledge Management Principles & Practices	DIS	4	-
INFO 7221	Advanced E-Commerce	DIS	4	-
INFO 7231	Cybersecurity Challenges, Policy & Strategy	DIS	4	-
INFO 7251	Mobile Communications & Networks	DIS	4	-
INFO 7261	IT Professional Practices	DIS	4	-
INFO 7271	Human Computer Interaction & Design	DIS	4	-

\*Choose any two (2) electives courses.

**Note:**

1. Students can take up to the maximum of one (1) course related to IT from other Department, Kulliyah or University subject to the approval from the Kulliyah Postgraduate Program Committee.
2. Level 4 students from the Bachelor of Information Technology can take up to the maximum of two (2) courses from the Master program as their elective courses.

**STUDY PLAN**  
**MASTER OF INFORMATION TECHNOLOGY (COURSEWORK) –**  
**FULL TIME**

Total credit hours required: 40 credit hours

**YEAR 1, SEMESTER 1 (16 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7011	Islamic Worldview on ICT and Society	4
INFO 7901	ICT Research Methods	4
INFO 7131	IT Project & Change Management	4
INFO 7151	IT Strategy & Governance	4

**YEAR 1, SEMESTER 2 (16 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7145	Methodologies for System Development	4
INFO 7991	Computing Project	12

**YEAR 1, SEMESTER 3 (8 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7xxx	Elective 1	4
INFO 7xxx	Elective 2	4

**STUDY PLAN**  
**MASTER OF INFORMATION TECHNOLOGY (COURSEWORK) –**  
**PART TIME**

Total credit hours required: 40 credit hours

**YEAR 1, SEMESTER 1 (8 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7011	Islamic Worldview on ICT and Society	4
INFO 7901	ICT Research Methods	4

**YEAR 1, SEMESTER 2 (8 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7131	IT Project & Change Management	4
INFO 7151	IT Strategy & Governance	4

**YEAR 2, SEMESTER 1 (8 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7145	Methodologies for System Development	4
INFO 7xxx	Elective 1	4

**YEAR 2, SEMESTER 2 (8 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7xxx	Elective 2	4
INFO 7991	Computing Project	12

**YEAR 2, SEMESTER 3 (8 CREDIT HOURS)**

Course Code	Course Title	Credit Hours
INFO 7991	Computing Project (Continue)	12

## **Admission Requirements for Master of Information Technology** **(Coursework)**

- Undergraduate degree with the CGPA of 2.75 or equivalent from an institution recognized by the Senate; OR
- Undergraduate degree with the CGPA of 2.5 or equivalent, and not meeting 2.75 from an institution recognized by Senate can be accepted subject to rigorous internal assessment process; OR
- On recommendation by the Department of Information Systems Postgraduate Committee, applicants who have a slightly lower qualification than item (i) and (ii) but with 5 years of working experience in an IT related industry can also be considered.
- Candidates who are from non-IT background are required to pass with the minimum grade of “B” these four subjects before they are allowed to register for Kulliyyah subject. These subjects are:
  - CSC 1103 Object Oriented Programming
  - INFO 1103 Database System
  - INFO 2401 System Analysis & Design
  - INFO 2501 Management Information Systems

## **English Language Requirements**

As our medium of instruction is English, candidates must have an adequate level of proficiency i.e. 550 score (paper based) / 213 (computer based) of Test of English as a Foreign Language (TOEFL), or band 6.0 of International English Language Testing Service (IELTS). Alternatively, they may complete their language requirements at our Centre for Languages and Pre-University Academic Development (CELPAD)

- a) State the prerequisite qualification and skills as well as other conditions/qualification if necessary.

None

- b) State any special conditions of the faculty/programme.

None

- c) Explain if there is any specially designed courses for those who had been selected but do not fulfil the admission criteria.

Candidates who do not meet the English Language proficiency requirements must attend the Pre-Sessional language programme.

Candidates who are from non-IT background are required to pass with the minimum grade of “B” these four subjects before they are allowed to register for Kulliyyah subject. These subjects are:

- CSC 1103 Object Oriented Programming
- INFO 1103 Database System
- INFO 2401 System Analysis & Design
- INFO 2501 Management Information Systems

- d) According to the Senate/General and Specific Conditions

## The Grading System for Master of Information Technology (Coursework)

<b>IIUM POSTGRADUATE PROGRAMME GRADING SYSTEM</b>				
<b>Percentage Score</b>	<b>Letter Grade</b>	<b>Grade Points</b>	<b>Description</b>	<b>Remarks</b>
85-100	A	4.00	Excellent	Passed
80-84	A-	3.67	Extremely Good	Passed
75-79	B+	3.33	Very Good	Passed
70-74	B	3.00	Good	Passed
65-69	B-	2.67	Fairly Good	Conditional Pass
60-64	C+	2.33	Satisfactory	Conditional Pass
55-59	C	2.00	Quite Satisfactory	Conditional Pass
50-54	C-	1.67	Poor	Failed
40-49	D	1.00	Very Poor	Failed
0-39	E	0.00	Failure	Failed

Other notations that may appear on the academic transcript or result slip are as follows:

<b>Grade</b>	<b>Explanation</b>	<b>Hours Credited</b>	<b>Hours Earned</b>
P	Pass for prerequisites and special requirement courses	No	No
PASS	Pass for practical training, practicum, fieldwork, proposal	No	Yes
EX	Exemption	No	Yes
IP	Course / Research work in progress	No	No

UP	Unsatisfactory progress in research (failure)	No	No
AU	Course audited	No	No
FA	Failure in course audited for not fulfilling 80% attendance	No	No
AP	Absent from final examination with permission (temporary)	No	No
Y	Barred from final examination for not fulfilling 80% attendance	Yes	No
I	Incomplete course (temporary)	No	No
CO	Carried over to subsequent semester	No	No
PR	Pass on re-sit	Yes	Yes
FR	Fail on re-sit	Yes	No
W	Course withdrawn	No	No



**SCHEMA OF STUDY FOR MASTER OF INFORMATION TECHNOLOGY  
(COURSEWORK)**

- a) A full time student is required to register for a minimum of nine (9) and a maximum of sixteen (20) credit hours or the equivalent in a regular semester.
  
- b) A part- time student is required to register for a minimum of three (3) and a maximum of nine (10) credit hours or the equivalent in a regular semester.
  
- c) Full time and part time students may register for a maximum of six (8) credit hours or the equivalent in a short semester.