

الخطة الدراسية لبرنامج ماجستير تكنولوجيا المعلومات عمادة الدراسات العليا والبحث العلمي

1. Program Structure

1.1 Pre - Requisites Courses Requirements

1. Database systems
2. Computer Network
3. Information Security
4. Web Fundamentals
5. Programming Language
6. System Analysis and design

1.2 Program Requirements

No	Requirements	No. of Courses	Credit Hours	Rational Weight %
1	Program Core	6	18	50%
2	Elective	4	12	33%
3	Thesis		6	17%
Total:			36	100%

1.3 Program and Tracks Core

13.3.1 Program Core (18 Credit Hours)

No	Code	Course Name	CH
1	MIT600	Research Methodology	3
2	MIT601	Advanced Computer Networks	3
3	MIT602	Advanced Database Systems	3
4	MIT603	Advanced Information Security and Privacy	3
5	MIT604	Advanced Topics in Web Technology	3
6	MIT605	IT Seminar	3

13.3.2 Program Elective (12 Credit Hours)

	No.	Code	Course Name	CH
	1	MIT610	Information technology management	3
	2	MIT611	IT Enterprise Architecture	3
	3	MIT612	Selected Topics in Information Technology	3
	4	MIT620	Digital Forensics	3
	5	MIT621	Selected topics in cybersecurity	3

6	MIT632	Selected topics in Data science	3
7	MIT640	Advanced IT Project Management	3
8	MIT651	Cloud computing Security	3

1.4 Guided Study Plan

Information Technology						
First Year:		First Semester	Second Semester			
No	Course Code	Course Name	C.H	Course Code	Course Name	C.H
1	MIT600	Research Methodology	3	MIT610	Elective (2)	3
2	MIT602	Advanced Database systems	3	MIT604	Advanced Topics in Web Technology	3
3	MIT601	Advanced Computer Networks	3	MIT612	Advanced Information Security and Privacy	3
4	MIT603	Elective (1)	3	MIT605	IT seminar	3
Total Credits			12		Total Credits	12
Summer Semester						
No	Course Code	Course Name				C.H
1	MIT611	Elective (3)				3
2	MIT64X	Elective (4)				3
Total Credits						6
Second Year: MIT670 Thesis						6
Total Credits Hours						36