



## College of Information Technology

### M.Sc. in Information Technology

Course No.	Course Title	CH
IT601	COMPUTER NETWORKS شبيكات الحاسوب	3
IT602	ADVANCED DATABASE MANAGEMENT SYSTEMS نظم إدارة قواعد البيانات المتقدمة	3
IT603	RESEARCH METHODOLOGY AND PROFESSIONAL ISSUES مناهج البحث العلمي والقضايا المهنية	3
IT604	MOBILE AND DISTRIBUTED COMPUTING الحوسبة المتنقلة والموزعة	3
IT605	ADVANCED SOFTWARE ENGINEERING هندسة البرمجيات المتقدمة	3
IT606	INFORMATION SECURITY أمن المعلومات	3
IT607	STRATEGIC IT PLANNING AND GOVERNANCE التخطيط الاستراتيجي لتكنولوجيا المعلومات والحكم	3
IT699	M.Sc. THESIS اطروحة الماجستير	6
<b>Elective Courses (6 CH)</b>		
IT620	INFORMATION SYSTEMS MANAGEMENT	3
IT621	WEB AND MOBILE APPLICATION DEVELOPMENT	3
IT622	ENTERPRISE SYSTEMS ARCHITECTURE	3
IT623	HUMAN COMPUTER INTERACTION	3
IT624	CLOUD COMPUTING	3
IT625	E-BUSINESS	3
IT626	DATA MINING	3
IT627	INTELLIGENT BUSINESS SYSTEMS	3
IT628	IT PROJECT MANAGEMENT	3
IT629	ADVANCED OPERATING SYSTEMS	3
IT630	COMPUTER ARCHITECTURE	3
IT631	THEORY AND APPLICATIONS OF METAHEURISTICS	3
IT632	ADVANCED ALGORITHMS	3
IT633	ADVANCED DIGITAL SYSTEM DESIGN	3
IT634	EMBEDDED SYSTEMS	3
IT640	SELECTED TOPICS IN IT	3
<b>Total Credits</b>		<b>33</b>

