



"الريادة والابداع في الأعمال"

"Entrepreneurship and Innovation in Business"

جامعة الزيتونة الأردنية
Al-Zaytoonah University of Jordan

كلية الاعمال
Faculty of Business

قسم نظم المعلومات الإدارية



"عراقة وجودة"

Tradition and Quality

QF05/0407-٤,٠ E	Study Plan for Bachelor program - Study Plan Development and Updating Procedures/ Management Information Systems Department
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Course Plan for Management information systems (Bachelor Program) No.: (2021-2022)

Approved by Deans Council by decision (21-2020/2021) dated (23/8/2021)

(132) Credit Hours

Study system / hybrid program

Type of speciality

Humanitarian

Scientific /
technical

Medical
Sciences

Teaching style	Percentage of study plan hours / number	Model used (synchronous: asynchronous)
Complete e-learning courses	20% Maximum / number(27) C h	1:1
Blended Learning courses (For Humanity)	40% Maximum / number (54) C h	1:1
Traditional learning courses (for humanity)	40% Minimum / number (51) C h	2:0

Important note: (The teaching patterns of the subjects are distributed at all academic levels in the program)

Program Vision: Toward Excellence in Teaching and Scientific Research in the Fields of Information Systems and Business Analytics to Enhance Competitiveness.

Program Mission: Preparing Innovative Entrepreneurs in the Field of Information Systems and Business Analytics through Rigorous Applied Technological Education, Enhancing Research Expertise, Achieving Excellence and Sustainable Community Progress both Locally and Globally.

Program Objectives:

1. Develop students' skills in analyzing and managing information systems to solve problems and achieve better knowledge of applied technology in making leadership decisions.
2. Building scientific knowledge in developing computer software that contributes to achieving operational excellence.
3. Develop students' decision-making skills to comply with the modern strategic and administrative objectives of the organizations.
4. Enabling students to acquire applied skills in technical areas of knowledge in analyzing, designing and developing institutional and strategic management systems.
5. To guide students in exploring and understanding administrative methods in coordinating information technology infrastructure and institutional systems.
6. Qualifying students to meet the needs of the local and regional market in the management and use of information technology in the business world.

Program learning outcomes ((MK= Main Knowledge, MS= Main Skills, MC= Main Competences)

Main knowledge	
MK1	Demonstrate a comprehensive, consistent, and structured knowledge of business technology management theories, concepts, and principles.
MK2	A comprehensive understanding of ways to solve the problems of digital organizations and business technology systems
MK3	Employ critical analysis thinking to assess opportunities, challenges, strengths and weaknesses in the local and global business environments.
Basic skills	
MS1	Possess a variety of skills for the needs of the labor market from leaders, entrepreneurs, innovators, analysts and professional designers.
MS2	Apply quantitative and analytical skills in solving complex problems and finding innovative and creative solutions to them.
General competencies	
MC1	Intelligent and flexible communication and effective and professional collaboration in diverse work teams.
MC2	The ability to lead through a set of professional values to practice digital business in accordance with global ethical standards of business conduct



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Teaching style			Course No.	Course name	Credit hour	Theory Hours	Practical Hours	Prerequisite Co-requisite	Indicative	
electronic	Fully	Blended learning							Semester	year
1. Requirements (27) Credit Hours										
1.1 Mandatory Requirement (21 credit hour)										
.			0420101	Military Sciences	3	3	0	.....	1	1
.			0420151	National Education	3	3	0	.....	2	1
.			0420271	Life skills	3	3	0	.....	1	2
.			0420115	Communication skills in Arabic	3	3	0	Remedial Arabic Language	1	1
.			0420123	Communication skills in English	3	3	0	Remedial English Language	2	1
.			0420261	Entrepreneurship and innovation	3	3	0	.....	2	2
.			0420241	Leadership and social responsibility	3	3	0	.....	1	2
1.2 University Elective Requirements (06 credit hour)										
.			0420142	Human Civilization	3	3	0	.....	1	1
.			0420253	Development and environment	3	3	0	.....	1	2
.			0420172	Digital skills	3	3	0	Remedial computer skills	2	1
.			0420201	first aid	3	3	0	.....	2	2
.			0420134	Sports and health	3	3	0	.....	1	1
.			0420212	Islamic culture	3	3	0	.....	1	2
.			٠٤٢٠٣٩٢	Principles of Psychology	3	3	0	.....	1	3
.			0420341	Principles of German Language	3	3	0	.....	1	3

Teaching style			Course No.	Course name	Credit hour	Theory Hours	Practical Hours	Prerequisite Co-requisite	Indicative	
electronic	Fully	Blended learning							Semester	year
2. Faculty Requirements (21) Credit Hours										
.			٠٥٠١١١٠	Principles of Management (1)	٣	٣	٠	-	١	١
.			٠٥٠٢١١٠	Principles of Accounting (1)	٣	٣	٠	-	١	١
.			٠٥٠٨١١٠	Principles of Marketing	٣	٣	٠	-	١	١
.			٠٥٠٦١٠٠	Introduction to Management Information Systems	٣	٣	٠	-	١	١
.			٠٥١٠١٤٦	Business Mathematics	٣	٣	٠	-	١	٢
.			٠٥١٠١٤٧	Business Statistics	٣	٣	٠	-	٢	١
.			٠٥١٠١٥٢	Microeconomics	٣	٣	٠	-	٢	١



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Teaching style			Course No.	Course name	Credit hour	Theory Hours	Practical Hours	Prerequisite Co-requisite	Indicative	
Fully electronic	Blended Learning	Traditional Learning							Semester	year
3. Major Requirements (84) credit hours										
3.1 Mandatory Requirements (٥٧) credit hours										
	•		٥٠٦١١١	Advanced Management Information Systems	٣	٣	•	Introduction to Management Information Systems	٢	١
	•		٥٠٦٢٢١	Database Management Systems	٣	٣	•	Advanced Management Information Systems	١	٢
		•	٥٠٦٢١٢	Systems Analysis and Design	٣	٣	•	Advanced Management Information Systems	٢	٢
		•	٥٠٦٣٣٢	Website development	٣	٣	•	E-Business	١	٣
	•		٥٠٦٣٧٣	E-Business	٣	٣	•	Introduction to Management Information Systems	١	٢
	•		٥٠٦٤٤٧	Enterprise resource planning systems	٣	٣	•	-----	١	٤
	•		٥٠٦٣٣٥	Programming Basics	٣	٣	•	-----	١	٣
	•		٥٠٦٣٣٦	Various Programming Languages	٣	٣	•	Programming Basics	٢	٣
		•	٥٠٦٣٢٣	Advanced Database Management systems	٣	٣	•	Database Management Systems	١	٣
		•	٥٠٦٢٢٤	Computer Application in Business	٣	٣	•	-----	١	٢
	•		٥٠٦٣١٤	Data Transmission for Business	٣	٣	•	Advanced Management Information Systems	١	٣
	•		٥٠٦٣٤٣	Social media	٣	٣	•	Electronic marketing	١	٣
	•		٥٠٦٣٣٣	Communication Networks for Business	٣	٣	•	Data Transmission for Business	٢	٣
	•		٥٠٦٤١٧	Data analytics and mining	٣	٣	•	Business Intelligence and Big Data	٢	٤
	•		٥٠٦٤٣٥	Information security	٣	٣	•	Introduction to Management Information Systems	٢	٤
		•	٥٠٦٤١٦	Business Intelligence and Big Data	٣	٣	•	Database Management Systems	٢	٤
	•		٥٠٦٤١٣	Decision Support Systems	٣	٣	•	Operations research in business	١	٤
	•		٥٠٦٤٦١	Field training	٣	٣	•	Passing 90 credit hours	٢	٤
	•		٥٠٦٤٦٢	Graduation Project in Management Information Systems	٣	٣	•	Passing 90 credit hours	٢	٤
3.2 Electives Requirements (٦) credit hours										
	•		٥٠٦٣٤١	Programing Package	٣	٣	•	Data analytics and mining	1	4
	•		٥٠٦٣٤٠	IT project management	٣	٣	•	After passing (60 credit hours)	1	3
	•		٥٠٦٤٤٩	Supply chain management	٣	٣	•	Enterprise resource planning systems	2	4
	•		٥٠٦٣٣٧	Cloud commuting in business	٣	٣	•	Database Management Systems	2	3



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Fully electronic	Blended learning	Traditional learning							Semester	year
3.3 Supporting Requirements (21) credit hours										
			050111	Principles of Management /2	3	3	0	Principles of Management (1)	2	1
			0502111	Principles of Accounting /2	3	3	0	Principles of Accounting (1)	2	1
			0501418	Knowledge Management	3	3	0	Principles of Management /2	1	2
			0503210	Financial Management 1	3	3	0	Principles of Accounting (1)	1	2
			0620231	Principles of Commercial Law	3	3	0	--	2	1
			0501234	Operations Research for Business	3	3	0	Business Mathematics	2	2
			0504431	E- Marketing	3	3	0	Principles of Marketing	2	1

The end of the study plan for the major students

Subjects taught in the major for students of other majors (University requirements, Faculty requirements, Major Family Requirements, and Support Requirements)

Teaching style			Course No.	Course name	Credit hour	Theory Hours	Practical Hours	The type of requirement and the recipient
Fully electronic	Blended learning	Traditional learning						
			٠٥٠٦١٠٠	Introduction to Management Information Systems	٢	٢	٠	Faculty Requirement