



"الريادة والأبداع 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

<b>Brief course description- Course Plan Development and Updating Procedures\ Management Information System Department</b>	<b>QF05/0409-3.0E</b>
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Faculty	Business	Academic Department	Management Information Systems	Number of the course plan ( 2021-2022 )
Number of Major requirement courses	24	Date of plan approval	23/8/2021	

This form is just for the major requirement courses

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506100	3	<b>Introduction to Management Information Systems</b>	--

This course describes business process & their relationship to IS, IS supporting the major business functions: sales, marketing, manufacturing ,production, finance & accounting. Explains how enterprise application and intranets promote business process integration performance. Describes the major types of computer-based information systems.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506111	3	<b>Advanced Management Information Systems</b>	Introduction to Management Information Systems

This course provides an overview of advanced MIS concepts using an integrate of framework for describing and analyzing information system. This framework depicts information system being composed of management, organization & technology elements. This view of information systems is reinforced in student projects & case studies

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506221	3	<b>Database Management Systems</b>	Advanced Management Information Systems

This course is designed for an introductory text in database management. It represents a theoretical & practical framework of modeling data in the organization, designing logical relational database, and using within business organization

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506212	3	<b>Systems Analysis and Design</b>	Advanced Management Information Systems

The Objectives of this course are to learn & demonstrate an understanding of system analysis & design principles & concepts. Describe the major alternative methodologies used in developing information system. Analyze a business need for information & to develop an appropriate strategy to solve problems

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506332	3	<b>Website development</b>	E-Business

The aim of this course is to introduce the student to electronic commerce and its types, opportunities for electronic commerce, its determinants and risks, as the student can designing and building websites for business organizations and managing these websites in all functional aspects of the business.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite



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0506314	3	<b>Data Transmission for Business</b>	Advanced Management Information Systems
This course describes what electronic commerce is, how it is conducted, as well as its assessment, limitations, issues, and risks. Because electronic commerce is a multidisciplinary field, it should be of interest to managers and business professionals in any functional area of management			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506447	3	<b>Enterprise resource planning systems</b>	---
This course covers an understanding of the integration between business operations within a company and with external business partners. The course will explain the concept and linkages between business processes and how these linkages are supported by enterprise applications and will examine the most important of the existing ERP systems.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506335	3	<b>Programming Basics</b>	--
This course provides a description of the C# programming language, enabling the student to analyze a number of diverse problems and build the appropriate program			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506336	3	<b>Various Programming Languages</b>	programming Basics
Advanced visual basic provides an introduction to event driven programming in windows environment using visual basic. Further applications of programming techniques are provide. The student will develop well documented programs containing complex data structures and develop graphical user interface			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506323	3	<b>Advanced Database Management Systems</b>	Database Management Systems
This course covers relational database management systems using Oracle 10g and application development, which includes database management systems architectures for more than one user, SQL commands, creating and updating database tables, building programs using PL/SQL, building forms, and preparing database reports.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506434	3	<b>Social media</b>	Electronic marketing
This course introduces the process of addressing digital media production, in particular, video production. It covers pre-production, production and post-production processes, with a focus on key activities such as storyboarding, camera, lighting, sound, recording and digital editing. Students will learn both artistic expression and technical skills using digital equipment and software tools through hands-on digital video production practice. In addition, valuable technical details related to video and audio compression will be covered, and some information will be provided for digital marketing of media productions.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506333	3	<b>Communication Networks for Business</b>	Data Transmission for Business
The aim of this course is to provide the student with basic knowledge of wired and wireless communications, its preparation and configuration, and the management of communication networks.			



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Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506341	3	<b>Programing Package</b>	Data analytics and mining
This course covers some the most frequent applications of SPSS, importing data, basic data manipulation, descriptive analyses & displaying statistical data graphically, principal component analysis, factor analysis, hypothesis analysis, and analysis of variance linear & multiline AR regressions.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506435	3	<b>Information Security</b>	Introduction to Management Information Systems
This course aims to introduce students to the concept of information systems security and some techniques to protect information systems from malicious programs within the work environment. This course studies a practical and theoretical framework for some applications to protect information systems such as giving and blocking powers, and data encryption			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506416	3	<b>Business Intelligence and big data</b>	Database Management Systems
This course provides a description of the concepts of artificial intelligence (AI) and its role in improving business activities. The student realizes the importance of explicit knowledge in business, and he studies some applications of artificial intelligence by finding hidden relationships between variables.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506413	3	<b>Decision Support Systems</b>	Operations research in business
This course provides an introduction to management support systems in general and decision support systems in particular. The student realizes the importance of decision support systems, their types and some of their applications in supporting the decision-making process and increasing its efficiency and effectiveness.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506461	3	<b>Field training</b>	After passing the student (90 hours)
The aim of this course is to enable the student to enter the labor market to specialize in management information systems and benefit from the theoretical aspects of the various courses that the student has taken.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506462	3	<b>Graduation Project in Management Information Systems</b>	After passing the student (90 hours)
This course aims to enable the student to build a specific system or project related to his specialization that combines business and information technology			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506337	3	<b>Cloud commuting in business</b>	Database Management Systems
This course covers selected topics in management information systems in keeping with the rapid development in the world in this subject			



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Course number	Credit hours	Title of the course	Prerequisite-co-requisite
506340	3	<b>IT Project management</b>	--
This course aims to introduce students to project management, project delivery, and dispute resolution and financing, which in turn affect project management. At the present time, we find that the information available to the modern project manager is more than in the past, in addition to the rapid change of information technology. The student will also learn to control costs and risks, in addition to developing and implementing policies and procedures.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506224	3	<b>Computer application in business</b>	--
This course presents the tools and how to conduct the following: the organizational and technical environment of the business describing a framework for presenting the work of the organization, and describing the development of the organization using electronic management systems			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506449	3	<b>Supply chain management</b>	Enterprise resource planning systems
This course helps students to get acquainted with operating systems by describing the important role of these systems in managing the basic components and resources of a computer system and how it works as an interface between the user and the physical components of the computer. It describes the basic concepts and algorithms related to operating systems, which include an introduction to operating systems and their development and components of operating systems. Operation, process management and scheduling on the processor, Deadlock and scheduling algorithms, main memory and virtual memory management, input and output management, file handling and management, and how to process it.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506373	3	<b>Electronic business</b>	Introduction to Management Information Systems
This course covers the technical and business aspects related to electronic commerce. And also to enable the student to track the development of e-business. Understand the basic requirements for starting an online business.			

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506417	3	<b>Data analytics and mining</b>	Business Intelligence and big data
The objective of this course is to give students an advanced overview of the latest technologies in the fields of data analysis.			

Approved by department council	Prof. Dr. Qeethara Al-Shayea	Date of approval	
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