

University of Mosul جامعة الموصل



First Cycle – Bachelor's Degree (B.MIS.)
– Management Information Systems
بكالوريوس – نظم المعلومات الادارية



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1. Overview

This catalogue is about the courses (modules) given by the program of Department of Management Information Systems to gain the Bachelor of Management and Economics degree. The program delivers (40) Modules with (6000) total student workload hours and 240 total ECTS. The module delivery is based on the Bologna Process.

2. Undergraduate Courses 2025-2026

Stage first

Module 1

Code	Course/Module Title	ECTS	Semester
MMIS-1101	Management Information Systems Basics	7.00	1
Class (hr/w)	Tutor/Semn	SSWL (hr/sem)	USSWL (hr/w)
3	1/1	78	97
Description			
1. Understand the basics of management information systems and their concepts. 2. Determine the role of the information system in supporting the various functions of the organization and how it can contribute to supporting administrative decisions and achieving competitive advantages. 3. Knowledge of the resources of the information society, the characteristics of information and its types.			

Module 2

Code	Course/Module Title	ECTS	Semester
MMIS-1102	Principles of Statistics	7.00	1
Class (hr/w)	Prac.	SSWL (hr/sem)	USSWL (hr/w)
3	2	78	97
Description			

1. Providing students with knowledge about statistics and its role in practical life.
2. Providing first-year students with a basic understanding of statistics, which they can use in the future to further their academic careers.
3. Providing students with an understanding of the applications of statistics in practical life, including its relationship to the subject of specialization, which is management.

Module 3

Code	Course/Module Title	ECTS	Semester
MMIS-1103	Principles of Management	6.00	1
Class (hr/w)	Tutor/Semn	SSWL (hr/sem)	USSWL (hr/w)
3	1/1	78	72
Description			
The objective of the course is to introduce the basics of management science and the development of management thought, as well as the functions of management and organization and the resources that must be available in the organization.			

Module 4

Code	Course/Module Title	ECTS	Semester
MMIS-1104	Principles of Economics	6.00	1
Class (hr/w)	Tutor/Semn	SSWL (hr/sem)	USSWL (hr/w)
3	1/1	78	72
Description			
1. Learn the basics Principles and concepts of economics 2. Defining the economic problem and its characteristics Understand the meaning of demand, supply, equilibrium, consumer behavior according to the theory of marginal utility and inequality, stages of production, costs, and how to find them.			



Module 5

Code	Course/Module Title	ECTS	Semester
UOM-104	Democracy and Human Rights	2.00	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2		33	17
Description			
1. Ensuring the consolidation and respect of the principles of human rights and democracy. 2. The necessity of loving one's homeland and its citizens, and planting the seeds of peaceful coexistence and dignified living for all components by spreading a culture of acceptance of others and respect for their religious, political, cultural, and social particularities. 3. The necessity of cooperating with state institutions to establish security and peace in the country.			

Module 6

Code	Course/Module Title	ECTS	Semester
UOM-101	Arabic	2.00	1
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2		33	17
Description			
1. Understand the concept of verbs and their types. 2. Understand the nominal and verbal sentence. 3. Understand the types of predicate sentences. 4. Understand defective verbs and verb-like particles. 5. Distinguish between verb forms and tenses.			

Model 7

Code	Course/Module Title	ECTS	Semester
MMIS-1205	Management Information Systems	7.00	2
Class (hr/w)	Tutor/Semn	SSWL (hr/sem)	USWL (hr/w)
3	I/I	78	97
Description			
Identify the concept of the management information system, its elements and its importance. Identify contemporary technologies related to management information systems, their concepts, how to deal with them, and their uses. Spreading cultural and scientific awareness regarding the concepts of management information systems			

and the importance of this system in serving society, organizations, and the labor market.

Model 8

Code	Course/Module Title	ECTS	Semester
MMIS-1206	Sustainable Information Systems	6.00	2
Class (hr/w)	Tutor/Semn	SSWL (hr/sem)	USWL (hr/w)
3	1/1	78	72
Description			
The objective of the course is to introduce students to how to design, develop, and use information systems in a way that supports environmental, economic, and social sustainability, by leveraging digital technology and innovations in computing.			

Module 9

Code	Course/Module Title	ECTS	Semester
MMIS-1207	Mathematics for Business Management	6.00	2
Class (hr/w)	Prac.	SSWL (hr/sem)	USWL (hr/w)
3	2	78	72
Description			
1. Providing students with knowledge about mathematics and its role in practical life. 2. Providing first-year students with a basic understanding of mathematics, which they can use in the future to further their academic careers. 3. Providing students with an understanding of the applications of mathematics in practical life, including its relationship to their major, which is management			

Module 10

Code	Course/Module Title	ECTS	Semester
MMIS-1208	Accounting Basics	6.00	2
Class (hr/w)	Prac.	SSWL (hr/sem)	USWL (hr/w)
3	2	78	72
Description			
1.Understand the basics of accounting			

2. Introduce accounting, its importance, objectives, and the accounting cycle. Understand the theoretical background of accounting, understand the accounting cycle, its underlying assumptions and principles, and prepare financial statements and final accounts..

Module 11

Code	Course/Module Title	ECTS	Semester
UOM-103	Computer	3.00	2
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
1	2	48	27
Description			
This course description provides a brief overview of the key features of Word 2016 and Windows 11. This helps students understand how to use computers in practical and academic life.			

Module 12

Code	Course/Module Title	ECTS	Semester
UOM-102	English	2.00	2
Class (hr/w)	Lect/Lab./Prac./Tutor	SSWL (hr/sem)	USWL (hr/w)
2		33	17
Description			
1. Develop basic English language skills, including communication, vocabulary and cultural understanding for beginner-level learners 2- Develop listening and comprehension skills through interactive exercises based on simple dialogues. 3- Enhancing speaking skills by teaching correct pronunciation and encouraging students to use language in simple conversational situations such as self-identification and asking for personal information. 4- Teaching basic writing, such as writing short and simple sentences. 5- Understand basic rules such as sentence structure, present and simple past tense, and the basics of verb conjugation.			



Stage Second

Module 1

Code	Course/Module Title	ECTS	Semester
MIS-2109	Marketing Management	6.00	1
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
2		93	57
Description			
.1 Understanding the basics of marketing and its elements. .2 Analyzing consumer behavior and making marketing decisions. .3 effective marketing strategies . .4 Product planning, pricing, and distribution.			

Module 2

Code	Course/Module Title	ECTS	Semester
MIS-21010	Human Resources Management	7.00	1
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
3		78	97
Description			
The student's knowledge of the concept of human resource management, its historical development, its relationship with other departments, the most important functions of human resource management, recruitment and appointment methods, job analysis and description, employee evaluation, training, and compensation.			

Module 3

Code	Course/Module Title	ECTS	Semester
MIS-21011	Fundamentals of Quantitative Methods and SPSS Applications	6.00	1
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
3		78	72
Description			
Understanding quantitative methods and their concepts			

Identifying the role of quantitative methods in supporting various organizational functions, relying on the tools or methods used by decision-makers to address a specific problem or to rationalize the administrative decision to be made regarding a particular situation.
How can decision-making, which is the core of the administrative process, contribute to supporting administrative decisions and achieving competitive advantages?
In addition to understanding the concept of linear programming and the types of mathematical models in quantitative methods

Module 4

Code	Course/Module Title	ECTS	Semester
MIS-21012	¹ Programming Basics	6.00	1
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
2		63	87
Description			
1. Understand the concept of software and programming and their importance in information systems. 2. Distinguish between different programming languages and system programs. 3. Formulate solutions to problems using algorithms and flowcharts. 4. Writing basic programs using VBA language inside Excel/Access . 5. Apply programming to solve simple administrative and commercial problems.			

Module 5

Code	Course/Module Title	ECTS	Semester
UOM-107	Computer2	3.00	1
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
1	2	48	27
Description			
Students successfully completing this course will be able to: 1. Using a computer for basic tasks 2. Identifying and discussing the components of a computer system 3. Creating documents using a word processor and preparing presentations 4. Conducting online research			

Module 6

Code	Course/Module Title	ECTS	Semester
UOM-106	¹ English2	2.00	1
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
2		33	17
Description			
1- Enhance students' exposure to English through immersion in a classroom environment consistently using the English language. 2- Enrich students' vocabulary with English terms applicable to everyday life and workplace contexts. 3- Support students' comprehension skills via listening to audio clips and conversations that simulate practical working environments. 4- Develop speaking and discussion abilities in English relevant to various workplace situations.			

Module 7

Code	Course/Module Title	ECTS	Semester
MIS-22113	Marketing Information Systems	6.00	2
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
2		93	82
Description			
Introducing students to the concept and importance of marketing information systems. ☐ Distinguish between marketing data and information and methods of analyzing them. ☐ Understanding the system's integration with other departments within the organization. ☐ Using data to study consumer behavior and market trends. ☐ Develop marketing data analysis skills using modern tools.			



Module 8

Code	Course/Module Title	ECTS	Semester
MIS-22114	Human Resource Information Systems	7.00	2
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
3		78	97
Description			
Understanding the concept of a human resource information system (HRIS), its importance to organizations, its types (paper-based and computerized), its operational and design requirements, the subsystems of a human resource information system, and how to design simple human resource management systems.			

Module 9

Code	Course/Module Title	ECTS	Semester
MIS-22115	Information Technology Management	7.00	1
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
3		78	72
Description			
1. developing Technical and Administrative Skills: Providing students with the practical knowledge and analytical skills needed to manage information technology that supports operations. 2. Problem Solving and Innovating Solutions: Many students analyze business challenges and develop smart and innovative solutions to achieve various objectives. 3. Planning Support: Using clear information technologies and organizing and analyzing data to provide information that helps management make informed and balanced decisions. 4. Non-Conformity to the Labor Market: Preparing new graduates to compete in the labor market, whether in the workplace or as part of multidisciplinary teams.			

Module 10

Code	Course/Module Title	ECTS	Semester
MIS-22016	Paython Programming	6.00	2
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
2	2	63	87
Description			

Introducing the student to the Python programming language, the most important features of the language, language versions, the general structure of the program and its sections, the types of data used in this language, and writing the programming code for programs, functions, libraries , and data files .

Module 11

Code	Course/Module Title	ECTS	Semester
UOM-105	Arabic2	2.00	2
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
2		33	17
Description			
Encouraging students to participate in speaking and writing Arabic correctly, while simultaneously improving and expanding their critical thinking skills, will be achieved through interactive classes and educational programs, and by considering simple experiment types that include some sampling activities of interest to students.			

Module 12

Code	Course/Module Title	ECTS	Semester
UOM-108	Baath Party Crimes	2.00	2
Class (hr/w)	Lab.	SSWL (hr/sem)	USWL (hr/w)
2		33	17
Description			
1. Introduce students to the political and ideological nature of the Ba'ath regime in Iraq. 2. Explain the repressive practices and human rights violations committed by the regime. 3. Compare the democratic system with the dictatorial system. 4. Introduce students to the violations of international and humanitarian law committed by the Ba'ath regime. 5. Introduce students to the crimes committed by the Ba'ath Party and its abuse of power.			



3.Contact

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