Course Plan for Bachelor program - Study Plan Development and Updating Procedures/ Management information systems Department	QF05/0408-4.0E

Study plan No.	**2021/2022**		University Specialization		**Management Information System**
Course No.	0506111		**Course name**		Advanced Management Information Systems
Credit Hours	**3**		**Prerequisite Co-requisite**		0506100
Course type	☐ MANDATORY UNIVERSITY REQUIREMENT	☐ UNIVERSITY ELECTIVE REQUIREMENTS	☐ FACULTY MANDATORY REQUIREMENT	☐ Support course family requirements	✓ Mandatory requirements ☐ Elective Requirements
Teaching style	☐ Full online learning		✓ Blended learning		Traditional learning
Teaching model	☐ 2Synchronous: 1asynchronous		✓ face to face : 1synchronous		Traditional

Faculty member and study divisions' information (to be filled in each semester by the subject instructor)

Name	Academic rank	Office No.	Phone No.	E-mail	

Division number	Time	Place	Number of students	Teaching style	Approved model

Brief description

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

Learning resources

Course book information (Title, author, date of issue, publisher ... etc.)	Management Information Systems 16th ed., Laudon and Laudon , prentice hall 2019			
Supportive learning resources (Books, databases, periodicals, software, applications, others)	1 Introduction to Information Systems 15th ed., OBrien and Marakas , Mc Graw Hill, 2019			
Supporting websites	www.pearson.com			
The physical environment for teaching	✓ Class room	☐ labs	✓ Virtual educational platform	☐ Others
Necessary equipment and software	MyLab™ MIS is an online homework, tutorial			
Supporting people with special needs				
For technical support				

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Course learning outcomes (**S**= *Skills, C= Competences K= Knowledge,*)

No.	Course learning outcomes	The associated program learning output code
	Knowledge	
K1	Help explore and understand the business intelligence concept.	**MK1**
K2	Introducing the technical foundations of Telecommunications, the Internet, and Wireless Technology.	**MK1**
K3	Achieving Operational Excellence	**MK2**
K4	Enhancing decision making process.	**MK3**
	Skills	
S1	Help students to managing knowledge and collaboration	**MS1**
S2	To be able to present verbally and in writing the project management concepts	**MS1**
S3	To be able to conduct a web search for case studies on global systems management	**MS2**
S4	To be able to define operational excellence and customer intimacy	**MS2**
	Competences	
C1	Defining the Management procedures of global systems	**MC2**
C2	Exploring and understanding managing IS/IT projects and	**MC2**
C3	To collaborate with other students in developing and managing an IT project	**MC1**
C4	To field research the local market on Business Intelligence	**MC1**

Mechanisms for direct evaluation of learning outcomes

Type of assessment / learning style	Fully electronic learning	Blended learning	Traditional Learning (Theory Learning)	Traditional Learning (Practical Learning)
First exam		**30%**		
Second / midterm exam		**0**		
Participation / practical applications		– –		
Asynchronous interactive activities		**30%**		
final exam		**40%**		

Note: Asynchronous interactive activities are activities, tasks, projects, **50**assignments, research, studies, projects, work within student groups ... etc, which the student carries out on his own, through the virtual platform without a direct encounter with the subject teacher.

Schedule of simultaneous / face-to-face encounters and their topics

Week	Subject	learning style*	Reference **
1+2	Chapter 6:Foundations of Business Intelligence: Databases and Information Management	lecture	
3+4	Chapter 7:Telecommunications, the Internet, and Wireless Technology	lecture	
5+6	Chapter 8:Securing Information Systems	lecture	
7+8	Chapter 9:Achieving Operational Excellence and Customer Intimacy: Enterprise Applications	lecture	
9+10	Chapter 11: Managing Knowledge	lecture	
11+12	Chapter 12: Enhancing Decision Making	lecture	
13+14	Chapter 14: Managing Projects	lecture	
15	Chapter 15: Managing Global Systems	lecture	
16	**Final Exam**		

* Learning styles: Lecture, flipped learning, learning through projects, learning through problem solving, participatory learning ... etc.

** Reference: Pages in a book, database, recorded lecture, content on the e-learning platform, video, website ... etc.

Schedule of asynchronous interactive activities (in the case of e-learning and blended learning)

Week	Task / activity	Reference	Expected results
1	describe how the problems of managing data resources in a traditional file environment are solved by a database management system		
2	capabilities and value of a database management system		
3	Evaluate tools and technologies for accessing information from databases to improve business performance and decision making		
4	The principal components of telecommunications networks and key networking technologies		
5	Information systems vulnerable, error, and abuse		
6	How do enterprise systems help businesses achieve operational excellence?		
7	How do supply chain management systems coordinate planning, production, and logistics with suppliers		
8	Customer relationship management systems and customer intimacy		
9	Using applications in platforms for new cross-functional services		
10	The role of knowledge management and knowledge management programs in business		
11 12	The types of systems are used for enterprise-wide knowledge management and how do they provide value for businesses		
13	The different types of decisions and how does the decision-making process work		

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14	Utilize information systems to support the activities of managers and management decision making		
15	Business intelligence and business analytics support decision making		
16	Final Exam		