mqant1109

2023

Business Informatics

5.00 credits	30.0 h + 15.0 h	Q2

Teacher(s)	Fouss François ;Lebichot Bertrand (compensates Fouss François) ;
Language :	French
Place of the course	Mons
Main themes	Context • Digital world, digital transformation and business intelligence. • Information systems and functioning of the organization. • Information systems and corporate social responsibility. Technical basics • Binary language and computer logic. • Components and architecture of a computer. • Introduction to algorithms, programming languages, and web-oriented programming.
Learning outcomes	**At the end of this learning unit, the student is able to :** Given the « competencies referential » linked to the LSM Bachelor in Management and Business Engineering, this course mainly develops the following competencies: • 2.2. Acquire a knowledge base in human science and law. • 2.4. Apply knowledge gained from different subjects to solve a simple but concrete management problem. • 3.1. Understand and selectively use scientific texts and works in French and English. 1 • 5.1. Understand the internal workings of a company of limited size and complexity. At the end of the class, the student will be able to: • place the information system in its organizational and societal contexts; • master the basic concepts of computer science; • understand the functioning of computers through the understanding of computer logic and the introduction to algorithmics.
Bibliography	• BROOKSHEAR J.G. (2011), Computer Science (11th Edition), Pearson Education. • SNYDER L. (2012), Fluency with Information Technology: Skills, Concepts, and Capabilities (5th Edition), Prentice Hall.
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor : Business Engineering	INGM1BA	5		🔍
Bachelor in Management	GESM1BA	5		🔍