mlsmm2217
2021

Integrated Information Systems

5.00 credits	30.0 h	Q1

Teacher(s)	Jourquin Bart ;
Language :	French
Place of the course	Mons
Main themes	**Advanced aspects of databases** • SQL3 • Transactional and concurrent data access • Data security, integrity and recovery after failure • Management of heterogeneous data **Integrated management systems** • Methodology of adjustment to business needs • Systems integration • Systems architecture • Expected costs and benefits
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 On completion of this course, students will be able to administer a database in a company. Students will be introduced to the issue of integrated enterprise resource planning (ERP).
Evaluation methods	• Written exam during the mid-term week (50%) • Oral presentation of a case during the classes (40%) • Oral discussion (during the classes) of a case presented by another student (10%)
Teaching methods	• Lectures (in class or via Teams) • Readings • Case studies (personal work)
Bibliography	• ELMASRI R., NAVATHE S. (2007), Fundamentals of Database systems, 5th Ed.,Addison-Wesley. • MOTIWALLA L., THOMPSON J. (2009), Enterprise Systems for Management, Pearson Education. • SUMNER M. (2005), Enterprise Resource Planning, Pearson Education.
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] : Business Engineering	INGM2M	5		🔍