






5.00 credits

30.0 h + 15.0 h

Q2

Teacher(s)	Laurier Wim ;
Language :	French
Place of the course	Bruxelles Saint-Louis
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> • Analyse information system requirements • Use an information system • Criticise an information system • Design an information system
Evaluation methods	<p>Permanent evaluation (group work) integrated with the practical work + Oral exam (individual).</p> <p>The permanent assessment evaluates the analytical skills of the students through an analysis of a specification and the ability to transform this analysis into an information system (i.e. production). The oral exam assesses the student's critical skills and ability to adapt the solution to the dynamic needs and requirements of a client.</p>
Teaching methods	<p>Face-to-face, 30 hours of theory and 15 hours of exercises.</p> <p>Ex cathedra presentations, training sessions and a project. The project involves the analysis, design and implementation of an information system with database technology.</p>
Content	<p>The following list is tentative, and subjects may change during the semester.</p> <p>The subjects will not necessarily be covered in the order shown below:</p> <ul style="list-style-type: none"> • Analysis of a problem statement • Conceptual Modeling • Class Diagram • Design Patterns and Methods • Relational models • Database Implementation SQL DDL • Database Management : SQL DML
Other infos	Syllabus is available on Moodle.
Faculty or entity in charge	ESPB

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Economics and Management	ECGB1BA	5		
Bachelor in Economics and Management (French-English)	ECAB1BA	5		
Bachelor in Economics and Management (French-Dutch-English)	ECTB1BA	5		
Bachelor : Business Engineering	INGB1BA	5	BECGE1230	
Bachelor : Business Engineering (French-English)	INAB1BA	5	BECGE1230	
Bachelor : Business Engineering (French-Dutch-English)	INTB1BA	5	BECGE1230	