



Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

2 credits	30.0 h	Q1
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Teacher(s)	Bogaert Patrick ;Hanert Emmanuel ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	Through a series of assignments, seminars and visits introducing in detail the concrete problems and solutions in the field of information management, students will be exposed to a variety of methodological, organizational and technical approaches. Depending on their orientation, students will have the opportunity to deepen a particular issue and to present a critical analysis based on conceptual, organizational and technical matters. Particular attention will be paid to the analysis of issues related to information reliability, security, confidentiality and ownership. This module highlights the technical solutions put in place to manage various sources of information and introduces the students to the issues associated with them at the institutional and societal level. In some cases, the review of solutions will also include a cost-benefit analysis and a review of the the strategy put in place to implement and integrate the information system in the decision-making process.
Aims	<p>Contribution de l'activité au référentiel AA (AA du programme) 2.4, 2.5, 4.6, 7.1, 8.5</p> <p>At the end of the course, the student will be able to:</p> <ul style="list-style-type: none"> * Link advanced technical courses in information management with real situations related to their implementation; * Manage the entire process of solving a real engineering problem in information management; * Understand how companies manage information and how they handle a stream of information from the input to the output; * Critically evaluate the solutions implemented by companies or institutions to manage information and determine their impact in relation to an economic and environmental context; * Identify new knowledge and skills required in order to understand issues specific to the management of information in a professional context. <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Evaluation methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Based on report produced by the students.
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Teaching is in the form of assignments, seminars given by external speakers and visits in companies or in institutions that are active in the field of information analysis and management.
Content	This course consists of assignments, seminars by outside speakers and visits to companies and institutions.
Inline resources	Moodle All the notes and documents used during the various assignments, seminars and visits are made available on Moodle.
Other infos	This course can be taught in English
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Forests and Natural Areas Engineering	BIRF2M	2		
Master [120] in Environmental Bioengineering	BIRE2M	2		
Master [120] in Chemistry and Bioindustries	BIRC2M	2		