

Course Descriptions None 2025-2026

Course Title Management Information Systems
 Course Code BENC2007
 ECTS Credits 5,0
 Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
2	27-10-2025	12-12-2025		X		X	L

Level Introductory/Intermediate
 Coordinator Rick Kaenen For more information:r.kaenen@maastrichtuniversity.nl
 Language of instruction English

Goals
 After completing this course, students should be able to:
 * Explain what the major current and emerging technologies are that are revolutionising business information systems, and their significances
 * Identify potential pitfalls and trade-offs in the application of emerging IT technologies to business information systems and business intelligence
 * Critically evaluate uses of cutting-edge IT infrastructures in existing businesses
 * Assess the current state of design of a business IT infrastructure and recommend strategies for improving it to help businesses achieve their objectives
 * Fully explain the rationale for solutions suggested to improve business operations through the use of emerging technologies

Description
 Too often IT is viewed as the province of technocrats, a domain inhabited by technical experts with little relevance to real-world business problems. And yet, the economic importance of information, information systems, and thus information management in business has been growing constantly over the last decades, thanks to the relentless increase in computer performance. IT is no longer a tool to simply automate back-office transactions, but has become a strategic tool in most businesses. Therefore, future managers simply cannot ignore information systems, because of the critical role they play in contemporary organisations. Business managers often complain that IT isn't meeting their performance expectations. This gap between expected and actual performance is mainly caused by the insufficient involvement of business units in IT projects, the weak oversight and management of these projects, and by IT's inadequate understanding of their business requirements. This course has been designed as a response to this lack of knowledge about managerial IT issues. The course combines academic readings with a guest lecture, company cases and a group presentation about recent IT trends.

Literature
 An array of scientific research articles, management oriented literature and book chapters (links will be announced via the Canvas course page)

Prerequisites

Keywords

Transitional Regulations

Teaching methods PBL / Presentation / Lecture / Assignment / Groupwork

Assessment methods Attendance / Participation / Written Exam / Assignment

Evaluation in previous academic year
 For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation	Bachelor Business Engineering	Year 2 Elective Courses
	SBE Exchange Bachelor	Bachelor Exchange Courses
	SBE Exchange Master	Bachelor Exchange Courses