Course Descriptions None 2026-2027

Course Title	Digitalisation and Organisations
Course Code	EBC2060
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	31-8-2026	16-10-2026		X			X

Level	Introductory/Intermediate
Coordinator	Fynn Ohlrogge For more information:f.ohlrogge@maastrichtuniversity.nl
Language of instruction	English
Goals	This course introduces students to the field of information management with particular emphasis on the management of information within organisations. Students will be provided with opportunities to explore the basic concepts and principles of information management as well as apply these concepts and principles to practical problems. Advanced topics will also be introduced throughout the course to foster greater depth of understanding, to challenge students to think about established issues in new ways, and to highlight gaps in our current understanding. Some appreciation will also be fostered for the limitations of empirical research and for the unique challenges associated with the management of information. Key Learning Objectives * Develop an awareness and understanding of key principles, theories, and technologies related to the management of information & digitalization * Obtain experience in applying information management concepts to address substantive, real-world information management issues * Appreciate how empirical research can guide efforts to address real-world information management issues * Foster ability to communicate business issues to technical audiences and complex technical issues to non-technical audiences Graduates have academic, evidence-based knowledge and understanding of theories, methods and tools in business/economics. Graduates can apply their knowledge and understanding to identify and solve real life business/economic problems. This includes demonstrating analytical skills and a problem-solving attitude. Graduates can inform judgments on theoretical and practical business/economic issues. Graduates can effectively communicate both to specialist and nonspecialist audiences. This includes demonstrating strong presentation skills, project- management skills and interpersonal skills.
Description	The course will discuss themes directly relevant to producing information management professionals. Some of these topics are: 1. Measuring the impact of IT on business performance 2. IT consumerization 3. Big Data: The role of Business Intelligence and Business Analytics 4. IT Governance 5. Information Security All of these topics are on the top of the agenda of an information manager. Practitioners are constantly looking for methods to address these issues better. For non-IM specialists, a discussion of these topics helps understand the most relevant problems of using IT in organizations. Given the widespread use of IT, managers outside the IT field also regularly deal with many of the same issues. The discussion of each topic will focus on methods and tools that practitioners are using to deal with these issues. For most topics, additional readings are available to provide background knowledge for students who lack relevant prior knowledge.
Literature	Academic articles
Prerequisites	There are no specific prerequisites for this course. However, it does build upon the basic understanding of the role of information systems in Organisations that is provided in an introductory MIS course such as the Management Information Systems course offered to International Business students (EBC2003). For further details on the topics covered in EBC2003 and the literature that is used please refer to Canvas.
Transitional Regulations	<ul class="trcohorts"> - Bachelor Economics and Business Economics - International Business Economics - Major Accounting [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Finance [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Information Management [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Macroeconomics [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Marketing [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Microeconomics [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Organisation [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Strategy [2024-2025 or earlier] - Bachelor Economics and Business Economics - International Business Economics - Major Supply Chain Management [2024-2025 or earlier] - From 2025-2026 onwards, education and exam/resit opportunities are offered. Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 16 for more information. <table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2025-2026 onwards</td><td>X</td><td>X</td><td>See the Bachelor EER 2025-2026 Appendix I Article 16 for more information</td></tr></tbody></table> <ul class="trcohorts"> - Bachelor International Business - Major Accounting [2024-2025 or earlier] - Bachelor International Business - Major Finance [2024-2025 or earlier] - Bachelor International Business - Major Marketing [2024-2025 or earlier] - Bachelor International Business - Major Organisation [2024-2025 or earlier] - Bachelor International Business - Major Strategy [2024-2025 or earlier] - Bachelor International Business - Major Supply Chain Management [2024-2025 or earlier] - From 2025-2026 onwards, education and exam/resit opportunities are offered. Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 18 for more information. <table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2025-2026 onwards</td><td>X</td><td>X</td><td>See the Bachelor EER 2025-2026 Appendix I Article 18 for more information</td></tr></tbody></table>
Teaching methods	PBL / Presentation / Lecture / Assignment / Papers / Groupwork
Assessment methods	Attendance / Participation / Written Exam / Assignment / Presentation
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 Economics and Business Economics - Economics	Year 3 Business Electives
Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Courses
Bachelor Economics and Business Economics - Economics and Management of Information	Year 2 Compulsory Courses
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Accounting - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Finance - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Inf Mgmt - Core Courses
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Macro - Business Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Macro - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Marketing - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Micro - Business Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Micro - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Org - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj SCM - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Strategy - Inf Mgmt Elec
Bachelor Economics and Business Economics - International Business Economics	Year 3 Business Elective
Bachelor Economics and Business Economics - International Business Economics	Year 3 Information Management Elective
Bachelor International Business - Emerging Markets	Year 3 Elective Courses
Bachelor International Business	In transition - Maj Accounting - Business Elec
Bachelor International Business	In transition - Maj Finance - Business Elec
Bachelor International Business	In transition - Maj Marketing - Business Elec
Bachelor International Business	In transition - Maj Org - Business Elec
Bachelor International Business	In transition - Maj SCM - Business Elec
Bachelor International Business	In transition - Maj Strategy - Business Elec
Bachelor International Business	Year 3 Core Courses - Maj Inf Mgmt
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses
Pre-master International Business specialisation Information Management and Business Intelligence	Compulsory Courses