Course Descriptions None 2023-2024

Course Title	Systems Analysis and Design
Course Code	EBC2072
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
4	5-2-2024	28-3-2024	X			X	

Level	Introductory/Intermediate
Coordinator	Frank Harmsen For more information:f.harmsen@maastrichtuniversity.nl
Language of instruction	English
Goals	All businesses and Organisations develop or buy information systems. While the main purpose of these systems is to store and retrieve information, each system is unique and meets a different demand. In order to build properly functioning systems, it is essential that all requirements of the new information systems are analysed and translated into blueprints for future system implementations. This course will provide you with the necessary insights, and teach you the skills and methodologies to analyse and design information systems. 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 effectively function in a multicultural environment and work in multicultural teams. This includes demonstrating interpersonal skills and a high proficiency of English.
Description	All businesses and organizations develop or buy information systems (ISs). While the main purpose of these systems is to store and retrieve information, each system is unique and meets a different demand. To build properly functioning systems, it is essential that all requirements of the new information systems are analyzed and translated into blueprints for future system implementations. This course will provide the student with the necessary insights and teach her the skills and methodologies to analyze and design information systems. The course will discuss the systems development lifecycle to describe the process of developing an information system. In particular, the course will deal with techniques that are typically used in the planning, analysis and design stages.
Literature	Book: Valacich, Joseph S., George, Joey F., Modern Systems Analysis And Design, Edition 9. Various papers, case descriptions and readers.
Prerequisites	TRANSITIONAL REGULATIONS: This course is in transition within the pre-master International Business specialisation Information Management and Business Intelligence The following rule applies to pre-master International Business specialisation Information Management and Business Intelligence students who started the programme prior to academic year 2023-2024. TRANSITIONAL REGULATION (EBC2072): Repeat the course or replace it with either Digitalisation and Organisation (EBC2060) in period 1 or Knowledge Management (EBC2039) in period 2. See the Transitional Regulations section in the Bachelor Education and Examination Regulations for more information. PREREQUISITES: An advanced level of English
Teaching methods	PBL / Presentation / Lecture / Assignment / Groupwork
Assessment methods	Final Paper / 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 Elective(s
Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Course(s)
Bachelor Economics and Business Economics - Economics and Management of Information	Year 2 Compulsory Course(s)
Bachelor Economics and Business Economics - International Business Economics	Year 3 Business Elec(s) - Maj Macro
Bachelor Economics and Business Economics - International Business Economics	Year 3 Business Elec(s) - Maj Micro
Bachelor Economics and Business Economics - International Business Economics	Year 3 Core Course(s) - Maj Inf Mgmt
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj Accounting
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj Finance
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj Macro
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj Marketing
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj Micro
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj Org
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj SCM
Bachelor Economics and Business Economics - International Business Economics	Year 3 Inf Mgmt Elec(s) - Maj Strategy
Bachelor International Business - Emerging Markets	Year 3 Elective Course(s)
Bachelor International Business	Year 3 Business Elec(s) - Maj Accounting
Bachelor International Business	Year 3 Business Elec(s) - Maj Finance
Bachelor International Business	Year 3 Business Elec(s) - Maj Marketing
Bachelor International Business	Year 3 Business Elec(s) - Maj Org
Bachelor International Business	Year 3 Business Elec(s) - Maj SCM
Bachelor International Business	Year 3 Business Elec(s) - Maj Strategy
Bachelor International Business	Year 3 Core Course(s) - Maj Inf Mgmt
Transitional Regulations	See prerequisites
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses
Pre-master Business Intelligence and Smart Services	Disciplinary Course(s)
Pre-master Digital Business Economics	Disciplinary Course(s)