

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
MTH401	Mastering Business Analysis in Various Context	7	3	0	0	3	4

Prerequisites	
Admission Requirements	

Language of Instruction	French
Course Type	Elective
Course Level	Bachelor Degree
Objective	<p>The aim of this course is to provide students with the basic concepts and principles of business analysis discipline. In the business analysis process, it is of great importance to accurately define and analyze requirements and optimize business processes. In this course, students will be introduced to business analysis and will learn in detail how to collect and analyze requirements. In addition, a systems thinking approach will be used to provide a holistic view of business processes, thereby strengthening their ability to develop solutions to complex business problems.</p> <p>The course also focuses on stakeholder management and effective communication skills. Business analysts need to have strong communication skills in order to build healthy relationships with various stakeholders and understand their needs. In addition, the impact of Artificial Intelligence technologies, which are rapidly becoming widespread in the field of business analysis today, on business analysis processes will be discussed; students will gain knowledge and skills to understand the role of Artificial Intelligence in requirements specification, data analysis and decision support systems.</p>
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References	<ol style="list-style-type: none">1. IIBA, "A Guide to the Business Analysis Body of Knowledge (BABOK Guide)", 3th version, International Institute of Business Analysis, 2015.2. IIBA, "Agile Extension to the BABOK(R) Guide", 2nd version, International Institute of Business Analysis, 2017.3. IIBA, "Guide to Product Ownership Analysis", International Institute of Business Analysis, 2017.

Theory Topics

Week	Weekly Contents
1	Fundamentals and Concepts of Business Analysis
2	Business Analysis Planning and Demonstration of Key Elements
3	Systems and Design Thinking
4	Strategy Analysis
5	Stakeholder Analysis and Information Collection Techniques
6	Requirements Gathering
7	Requirements Management
8	Midterm
9	Agile Methods in Business Analysis
10	Alignment of Business Analysis with Planning Horizons
11	Identification of Design and Solution Options

Week	Weekly Contents
12	Solution Assessment
13	Application of Selected Business Analysis Techniques
14	The Impact of Artificial Intelligence on Business Analytics