

**Attachment 2**  
**to the Resolution of the Senate**  
**no. T.0022.3.2023 of January 30, 2023**

# **STUDY PROGRAM**

## **BASIC INFORMATION**

Study Program	Modern Business Management
Level of Studies	Second degree
Study Profile	general academic
Language of Instruction	English
Form of Study	Stationary
No of Semesters	4
Degree Level	Master's
Concentration ( <i>if applicable</i> )	---

## **ASSIGNMENT OF THE PROGRAM TO FIELDS AND DISCIPLINES**

DISCIPLINE	Social Sciences		
	Discipline	ECTS	% ECTS
Scientific Discipline(s): if the field of study is related to two or more disciplines, it is also required to specify the percentage share of the number of ECTS points for each discipline in the total number of ECTS points necessary to complete the studies - indicating the main discipline	Management and quality sciences	82	75%
	Economic and financial sciences	27	25%

## **PROGRAM CHARACTERISTICS**

concepts and learning objectives / relationship with the University mission and strategy / socio-economic needs

The Modern Business Management major, at master's degree, develops the analytical skills of a student who is getting prepared to manage a modern and innovative business. Tools in the field of statistics, econometrics and economic calculation will enable the graduate to accurately analyze the financial condition of the enterprise and manage it appropriately.

The aim of the major is to improve managerial competences related to quantitative methods and techniques in the context of a competitive and dynamically developing market. Obtaining qualifications proposed within the Modern Business Management, at Master's level, gives a manager a competitive advantage on the labor market.

## **NO OF CLASSROOM HOURS**

Total no of classroom hours	800
-----------------------------	-----

**NO OF ECTS POINTS:**

necessary for graduation	120
which a student must earn during classes with the direct participation of faculty members or other persons conducting classes	60
which a student must earn during internships ( <i>if applicable</i> )	-
which a student must earn during foreign language classes	5
which a student may earn through distance learning activities	max 90

**INTERNSHIPS (*if applicable*):**

No of hours	-
Objective	-
Rules and a mode of accomplishing	-
Rules and a mode of completion	-

**LEARNING OUTCOMES**

The level of the Polish Qualifications Framework		7th level
Symbol of a learning outcome for the study program	Description of the learning outcomes	Reference to the characteristics of learning outcomes (universal first degree and second degree characteristics)
<b>P_W (KNOWLEDGE) A graduate knows and understands:</b>		
WZ-ST2-MB-W01	in a deepened degree of macroeconomic phenomenon and relations between them.	P7S_WG
WZ-ST2-MB-W02	in a deepened degree of theories in the field of selected concepts and methods of modern organizations management.	P7S_WG
WZ-ST2-MB-W03	in a deepened degree of accounting principles and corporate finance.	P7S_WG
WZ-ST2-MB-W04	the theory and methods of project management.	P7S_WG
WZ-ST2-MB-W05	the theory and methods of managing human and intellectual capital.	P7S_WG
WZ-ST2-MB-W06	statistical and econometric methods used in social, economic and management research.	P7S_WG
WZ-ST2-MB-W07	the fundamental dilemmas of modern civilization.	P7S_WK

WZ-ST2-MB-W08	economic, legal and other conditions for various business activities, including cultural and ethical conditions.	P7S_WK
<b>P_U (SKILLS) A graduate is able to:</b>		
WZ-ST2-MB-U01	use the acquired knowledge to analyse and forecast socio-economic phenomena, including the formulation of research problems and their solution through the appropriate selection of sources, information and research methods.	P7S_UW
WZ-ST2-MB-U02	use mathematical, statistical and econometric methods in business management.	P7S_UW
WZ-ST2-MB-U03	use modern methods and management tools in practice.	P7S_UW
WZ-ST2-MB-U04	use modern methods and ICT tools in practice.	P7S_UW
WZ-ST2-MB-U05	effectively manage human resources, solving complex and unusual problems in an intercultural environment.	P7S_UW
WZ-ST2-MB-U06	use a foreign language at the B2 + of the European Framework of Reference for Languages.	P7S_UK
WZ-ST2-MB-U07	fluently use business language and communicate with various stakeholder groups.	P7S_UK
WZ-ST2-MB-U08	conduct a debate in English on topics related to socio-economic issues occurring in the modern world, with particular emphasis on their forecasting and using quantitative data in their analysis.	P7S_UK
WZ-ST2-MB-U09	perform various organizational tasks, including recruit employees and manage teams of various sizes, using innovative methods and technologies.	P7S_UO
WZ-ST2-MB-U10	prepare team projects and use them in the practice of business.	P7S_UO
WZ-ST2-MB-U11	independently plan and implement own learning throughout life and guide others in this area.	P7S_UU
<b>P_K (SOCIAL ATTITUDES) A graduate is ready to:</b>		
WZ-ST2-MB-K01	critically evaluate the content of statements regarding socio-economic phenomena occurring in the modern economy.	P7S_KK
WZ-ST2-MB-K02	recognize the importance of knowledge in solving cognitive and practical problems related to socioeconomic phenomena.	P7S_KK
WZ-ST2-MB-K03	act in an entrepreneurial manner and to initiate activities for the public interest.	P7S_KO
WZ-ST2-MB-K04	fulfil social obligations, inspire and organize activities for the social environment.	P7S_KO
WZ-ST2-MB-K05	perform professional roles responsibly, including managerial roles and functions in the organization related to the analysis of quantitative data, while maintaining the principles of sustainable development.	P7S_KR
WZ-ST2-MB-K06	develop the profession and maintain his ethos.	P7S_KR

*Explanation of symbols:*

- MB – study program learning outcomes
- 01, 02 and more – indication of the next learning outcome
- P7S – learning outcomes according to the Polish Qualifications Framework in relation to the following detailed characteristics (knowledge - skills - social attitudes):

- WG –depth; WK – context
- UW – usage; UK – communicating; UO – organizing; UU – learning
- KK – critical approach; KR – professional role; KO – responsibility

## DESCRIPTION OF THE PROCESS LEADING TO ACHIEVING LEARNING OUTCOME<sup>1</sup>

### STUDY PLAN<sup>2</sup>

<b>Year:</b> <b>Semester:</b> Total number of classroom hours: Total ECTS:				First					
Lp.	Course (title)	Class Form	No of teaching hrs.	Form of completion	ECTS	ECTS/discipline(s)			Compulsory class (O) / Elective class (W)
						M&QS	E&FS	Other	
1	Contemporary Management Concepts/ Business Process Management	L	30	E	6	6	-	-	W
2	Cross Culture Management	L T	15 15	Z	4	4	-	-	O
3	Foreign Language 1.1	T	30	Z	2	1	-	1 linquistics	W
4	Mathematics	L T	30 30	E	9	4	-	5 mathematics	O
5	Statistics	L T	15 45	E	9	6	-	3 mathematics	O
6	<b>Total semester</b>		<b>210</b>		<b>30</b>	<b>21</b>		<b>9</b>	

<b>Year:</b> <b>Semester:</b> Total number of classroom hours: Total ECTS:				First					
Lp.	Course (title)	Class Form	No of teaching hrs.	Form of completion	ECTS	ECTS/discipline(s)			Compulsory class (O) / Elective class (W)
						M&QS	E&FS	Other	

<sup>1</sup> Explanation of symbols: L – lecture; T – tutorial; E – Exam; Z – Credits; NoZiJ - Management and quality sciences; EiF – Economic and financial science; O – Compulsory class; W – Elective class; I – Research Project

<sup>2</sup> In the case of assigning a major to more than one discipline, the subjects indicated in the study plan as compulsory classes must ensure the achievement of at least half of the learning outcomes in the main discipline (at least 51% of the ECTS points necessary to complete the major).

1	Business in Knowledge Economy	L	15	Z	3	3	-	-	O
2	Data Analysis in Management	L T	15 15	Z	4	4	-	-	O
3	Econometrics	L L	30 30	E	8	4	4	-	O
4	Foreign Language 1.2	T	30	E	3	2	-	1 linguistic s	W
5	Macroeconomics	L T	30 30	E	8		8	-	O
6	Methodology of Economics and Social Research	L T	15 15	E	4	2	2	-	O
7	<b>Total semester</b>		<b>225</b>		<b>30</b>	<b>15</b>	<b>14</b>	<b>1</b>	

Year: Semester: Total number of classroom hours: Total ECTS:				First Third 180 30					
Lp.	Course (title)	Class Form	No of teaching hrs.	Form of completion	ECTS	ECTS/discipline(s)			Compulsory class (O) / Elective class (W)
						M&QS	E&FS	Other	
1	Business Law in UE	L T	15 15	E	4	3	-	1 law	O
2	Economics and Corporate Finance	L T	15 30	E	7	-	7	-	O
3	Human Resources Management	L T	15 15	Z	4	4	-	-	O
4	Intellectual Capital Management	L T	15 15	E	4	4	-	-	O
5	Elective Lecture sem. 3	L	15	E	4	4	-	-	W
6	Research Project	I	30	Z	7	7	-	-	W
7	<b>Total semester</b>		<b>180</b>		<b>30</b>	<b>22</b>	<b>7</b>	<b>1</b>	

<b>Year:</b> <b>Semester:</b> Total number of classroom hours: Total ECTS:				First Fourth 185 30					
Lp.	Course (title)	Class Form	No of teaching hrs.	Form of completion	ECTS	ECTS/discipline(s)			Compulsory class (O) / Elective class (W)
						M&QS	E&FS	Other	
1	Econometrics Methods in Risk Management	L T	15 15	Z	4	2	2	-	O
2	Managerial Accounting	L T	15 15	E	4	2	2	-	O
3	Project Management	T	45	Z	5	5	-	-	O
4	Time Series Analysis	L	20	E	3	1	2	-	O
5	Elective Lecture sem. 4	L	30	E	6	6	-	-	W
6	Research Project	I	30	E	8	8	-	-	W
7	<b>Total semester</b>		<b>185</b>		<b>30</b>	<b>24</b>	<b>6</b>	-	

#### **METHOD OF VERIFICATION AND EVALUATION OF LEARNING OUTCOMES**

Detailed verification rules for meeting learning outcomes by students are defined in the syllabuses of individual subjects. Learning outcomes include, but are not limited to:

- both oral and written exams/colloquium;
- Assessment tasks performed by students individually or in groups - essays, presentations, debates, etc.

An important stage in determining that students acquired specific competences is writing and defending the thesis (Master's thesis).

#### **LEARNING OUTCOMES AND COURSE CONTENT ASSIGNED FOR THE CLASSES**

(drawn up for courses indicated in the study plan)

<b>1</b>	Course Title
	Statistics
<b>2</b>	Language of Instruction
	English
<b>3</b>	Accomplished Learning Outcomes (program and course – description of outcomes)
	1. Knowledge of statistical methods. - WZ-ST2-MB-W06 2. Competence in use of statistical software. - WZ-ST2-MB-U02, WZ-ST2-MB-U02 3. Readiness to solve problems related to socio-economic phenomena. - WZ-ST2-MB-K01
<b>4</b>	Course content
	W1 Distribution testing W2 Statistical tests for two groups W3 Analysis of variance W4 Nonparametric tests

	<p>W5 Linear regression analysis</p> <p>W6 Analysis of categorical data</p> <p>W7 Analysis of spatial data</p> <p>W8 Identification of latent structures</p> <p>C1 Distribution testing</p> <p>C2 Statistical tests for two groups</p> <p>C3 Analysis of variance</p> <p>C4 Nonparametric tests</p> <p>C5 Linear regression analysis</p> <p>C6 Analysis of categorical data</p> <p>C7 Analysis of spatial data</p> <p>C8 Identification of latent structures</p>
--	--

<b>1</b>	Course Title
	Contemporary Management Concepts
<b>2</b>	Language of Instruction
	English
<b>3</b>	Accomplished Learning Outcomes (program and course – description of outcomes)
	<ol style="list-style-type: none"> <li>Contemporary concepts in management. – WZ-ST2-MB-W02</li> <li>Knows how to think about business processes in an open, systemic way. - WZ-ST2-MB-W02</li> <li>Can apply current, advanced management methods in practice. - WZ-ST2-MB-U03</li> <li>Is aware of the importance of ethics, including the need for true and fair analysis and provision of reliable data. - WZ-ST2-MB-K06</li> <li>Can operate in a team, both in managing as well as executive capacity. - WZ-ST2-MB-K03</li> </ol>
<b>4</b>	Course content
	<p>W1 A survey of history of management thought</p> <p>W2 Determinants of modern management</p> <p>W3 Neopositivism versus interpretative interpretations of organization</p> <p>W4 Modern management theory and practice</p> <p>W5 Network organizations</p> <p>W6 Learning organization and knowledge management</p> <p>W7 Modern strategic management</p> <p>W8 System thinking</p> <p>W9 Game theory in business</p> <p>W10 Scenario planning</p> <p>W11 Process-based management</p> <p>W12 Business Process Reengineering</p> <p>W 13 Quality management</p> <p>W 14 Benchmarking</p>

<b>1</b>	Course Title
	Business Process Management
<b>2</b>	Language of Instruction
	English
<b>3</b>	Accomplished Learning Outcomes (program and course – description of outcomes)
	<ol style="list-style-type: none"> <li>Has extensive knowledge of the processes of organizational changes taking place in various types of institutions and social structures and the techniques for their implementation. - WZ-ST2-MB-W03</li> <li>Is able to use advanced methods used in designing and making decisions in various functional areas of the organization and as part of process management. - WZ-ST2-MB-U03</li> <li>Student consciously applies a critical and innovative approach to the analysis and diagnosis of processes taking place in the enterprise. - WZ-ST2-MB-K01</li> </ol>
<b>4</b>	Course content
	<p>W1 Introduction to process management</p> <p>W2 Objectives of management system</p>

	<p>W3 Concepts using process management W4 Process identification W5 Basics of process modelling W6 Qualitative process analysis W7 Quantitative process analysis W8 Variable process modelling W9 Process monitoring W10 Process choreography W11 Continuous improvement W12 Summary of the course</p>
--	---

#### ***GRADUATION REQUIREMENTS***

Graduation Requirements (thesis / final exam / other)	Master's thesis, graduation exam
--	----------------------------------