UNIVERSITATEA BABEŞ-BOLYAI
BABEŞ-BOLYAI TUDOMÁNYEGYETEM
BABEŞ-BOLYAI UNIVERSITÄT
BABEŞ-BOLYAI UNIVERSITY
TRADITIO ET EXCELLENTIA

FACULTATEA DE BUSINESS IN PARTNERSHIP

COURSE DESCRIPTION

Operations Management

Academic year 2026-2027

1. Programme-related data

1.1. Higher Education Institution	Babeş-Bolyai University
1.2. Faculty	Business
1.3. Department	Hospitality Services
1.4. Field	Business Administration
1.5. Level of study	Bachelor's degree
1.6. Degree programme / Qualification	Business Administration / Bachelor in Economic Studies
1.7. Form of education	Full time

2. Information regarding the discipline

2.1. Name of the discipline	Operations Management			Discipline code	ILE0021
2.2. Course coordinator	Lect. Emanuel-Emil Săvan, PhD				
2.3. Seminar coordinator	Lect. Emanuel-Emil Săvan, PhD				
2.4. Year of study	3	2.5. Semester	5	2.6. Type of assessmer	Examination
2.7. Course status	Compulsory		2.8. Course type		Fundamental subject (DF)

3. Total estimated time (hours per semester of teaching activities)

3.1. Number of hours per week	4	of which: 3.2. course	2	3.3. seminar/ laboratory/ project	2
3.4. Total of hours in the curriculum	56	of which: 3.5. course	28	3.6. seminar/laboratory	28
Time allocation for individual study (IS) and self-taught activities (ST)					**hours**
Learning from textbooks, course materials, bibliography, and notes (IS)					18
Additional research in the library, on subject-specific electronic platforms, and on-site					18
Preparing seminars/ laboratories/ projects, assignments, reports, portfolios, and essays					18
Tutoring (professional guidance)					2
Examinations					2
Other activities					11
3.7. Total hours of individual study (IS) and self-taught activities (ST)				**69**	
3.8. Total hours per semester				**125**	
3.9. Number of credits				**5**	

4. Prerequisites (where applicable)

4.1. curriculum-related	–
4.2 skills-related	–

5. Specific conditions (where applicable)

5.1. course-related	Students review the assigned course materials and contribute to lectures through questions, discussions and applied exercises.
5.2. seminar/laboratory-related	Students submit seminar assignments by the agreed deadlines and participate in case studies, calculations and applied exercises.

6.1. Competencies resulting from the completion of the degree programme

Professional competencies	
Competency code	**Competency**
PC2	Providing assistance for running a company/an organisation as a whole
PC3	Running a subdivision of a company/an organisation
Transversal competencies	
Competency code	**Competency**
TC1	Implementing ethical principles, norms and values within one's own rigorous, efficient, and responsible strategy of work

6.2. Learning outcomes relevant to the degree programme

Learning outcomes targeted by the subject		
Competency code	**Knowledge and understanding**	**Specific academic skills**
PC2	17. The graduate demonstrates the possession of a set of general knowledge on how to plan and manage human, material, and financial resources, how to motivate employees and monitor activities, as well as how to manage customer relations with companies operating in various sectors.	17. The graduate is able to analyse the organisational environment so that the business can adapt to the requirements and challenges they identified; the graduate can recommend appropriate strategies, techniques, and methods for solving management problems related to its core functions.
PC3	17. The graduate demonstrates the possession of a set of general knowledge on how to plan and manage human, material, and financial resources, how to motivate employees and monitor activities, as well as how to manage customer relations with companies operating in various sectors.	17. The graduate is able to analyse the organisational environment so that the business can adapt to the requirements and challenges they identified; the graduate can recommend appropriate strategies, techniques, and methods for solving management problems related to its core functions.
TC1	17. The graduate demonstrates the possession of a set of general knowledge on how to plan and manage human, material, and financial resources, how to motivate employees and monitor activities, as well as how to manage customer relations with companies operating in various sectors.	17. The graduate is able to analyse the organisational environment so that the business can adapt to the requirements and challenges they identified; the graduate can recommend appropriate strategies, techniques, and methods for solving management problems related to its core functions.

7. Subject-specific learning outcomes

Knowledge and understanding
1. The student explains the role of operations management in business strategy and competitiveness.
2. The student describes production systems, supply chains, logistics, inventory and quality management.
3. The student explains forecasting, productivity, break-even analysis, just-in-time systems and lean operations.
4. The student identifies the data needed to compare operational options and make decisions.
Specific academic skills
1. The student calculates productivity, break-even points, forecasts and inventory measures in applied cases.
2. The student compares operational alternatives and recommends feasible improvements to processes and resource use.

3. The student analyses supply-chain, logistics and quality cases and explains and defends operational decisions.

8. Contents

8.1. Course	Teaching and learning methods	Remarks
Introduction to operations management	Interactive lecture	2 lectures
Competitiveness, operations strategy and productivity	Interactive lecture	2 lectures
Quantitative and qualitative forecasting	Interactive lecture	2 lectures
Production management, just-in-time and lean systems	Interactive lecture	2 lectures
Simulation	Interactive lecture	1 lecture
Supply chain management	Interactive lecture	1 lecture
Logistics	Interactive lecture	1 lecture
Inventory management	Interactive lecture	2 lectures
Total quality management	Interactive lecture	1 lecture
Bibliography		
1. A. E. Everett, JR., R. J. Ebert, Managementul producţiei şi al operaţiunilor, Editura Teora, Bucureşti, 2001 2. L. Krajewskip, L. Ritzman, M. Malhontra, Operations Management- Processes and Value Chains, Pearson Prentice Hall, 2007 3. D. M. Lambert, J.R. Stock, Strategic Logistics Management, Irwin, 1992 4. M. Naghi, R. Stegerean, Managementul producţiei industriale,Editura Dacia, Cluj-Napoca, 2004 5. M. Naghi, O. A. Gică, Managementul operaţional al producţiei, Editura Risporint, Cluj-Napoca, 2007 6. N. Slack, S. Chambers, R. Johnston, Operations Management, 5th Ed., Prentice Hall, Harlow, 2007 7. W.J. Stevenson, Operations Management, 8th Edition, McGraw Hill, 2005 8. D. Waters, Logistics: An Introduction to Supply Chain Management, Palgrave-Macmillan, Houndmills, United Kingdom, 2003		
8.2. Seminar / laboratory	**Teaching and learning methods**	**Remarks**
Introduction to operations management	Class discussion	1 seminar
Productivity	Exercises	1 seminar
Break-even analysis	Exercises	1 seminar
Forecasting	Exercises	2 seminars
Competitiveness	Case studies	1 seminar
Lean systems	Case studies	1 seminar
Supply chain management	Case studies	1 seminar
Simulation	Practical workshop	1 seminar
Logistics	Case studies	1 seminar
Inventory management	Exercises and case studies	1 seminar
Total quality management	Case studies	1 seminar
Case-study test	Test	1 seminar
Revision	Review and exercises	1 seminar
Bibliography		

1. L. Krajewskip, L. Ritzman, M. Malhontra, Operations Management- Processes and Value Chains, Pearson Prentice Hall, 2007
2. D. M. Lambert, J.R. Stock, Strategic Logistics Management, Irwin, 1992
3. M. Naghi, R. Stegerean, Managementul producției industriale,Editura Dacia, Cluj-Napoca, 2004
4. M. Naghi, O. A. Gică, Managementul operațional al producției, Editura Risporint, Cluj-Napoca, 2007
5. N. Slack, S. Chambers, R. Johnston, Operations Management, 5th Ed., Prentice Hall, Harlow, 2007
6. W.J. Stevenson, Operations Management, 8th Edition, McGraw Hill, 2005
7. D. Waters, Logistics: An Introduction to Supply Chain Management, Palgrave-Macmillan, Houndmills, United Kingdom, 2003

9. Evaluation

- **The same assessment rules apply to resit examinations. Assessment components completed during the semester cannot be repeated or made up during examination sessions.**
  To add the points earned during the semester, students must achieve at least 50% of the points available in the written final examination.

Type of activity	9.1. Evaluation criteria	9.2. Evaluation methods	9.3. Percentage in the final grade
9.4. Course	• Accurate use of operations management concepts, methods and terminology. • Correct calculations of operational results.	**Written exam (in the exam session period)**, comprising multiple-choice and open-ended questions. In order to calculate the final grade by adding up the points obtained during the semester, it is necessary to obtain at least 50% of the score related to the written exam.	50%
9.5. Seminar / laboratory	Correct application of methods to forecasting, productivity, break-even and inventory exercises.	**Exercise-based assignments** (evaluated through the semester)	30%
	Analysis and explanation of operational decisions in a business case.	**Case-study test** (evaluated through the semester)	20%
9.6. Minimum standard for passing			
• In order to calculate the final grade by adding up the points obtained during the semester, it is necessary to obtain at least 50% of the score related to the written exam. • Students must demonstrate a basic understanding of production, procurement, inventory, logistics, supply chains and quality management.			

10. SDG labels (Sustainable Development Goals)

	○	Sustainable Development Generic Label

								
○	○	○	○	○	○	○	X	○
								No label applies
○	○	○	○	○	○	○	○	○

Date of entry:	Signature of course coordinator	Signature of seminar coordinator
22.05.26	Lect. Emanuel-Emil Săvan, PhD	Lect. Emanuel-Emil Săvan, PhD

Date of approval in the department:	Signature of the head of department
27.05.26	Assoc. Prof. Marius BOTA, PhD