

Subject card

Subject name and code	Operational practice of small bussines, PG_00080738						
Field of study	Chemical Business						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Humanistic-social subject group Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Macroeconomics -> Faculty of Economics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Jerzy Podlewski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		2.0		8.0	25
Subject objectives	The aim of the lecture is to to teach skills in running a small business operation. The subject is intended to impart knowledge of small technological enterprises, with particular emphasis on the application and commercialisation of technological innovations.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BCHINŻ_K06] Is familiar with the general principles of creating and operating forms of individual entrepreneurship.	Students will be able to identify the most appropriate forms of business activity, indicate their advantages and disadvantages, understand the specifics of the chemical industry enterprise.	[SK2] presentation/project/paper/report [SK3] text preparation/written work [SK5] implementation of a problem task
	[BCHINŻ_U12] Is able to participate in the analyses and evaluation of alternative solutions to economic problems and choose methods and instruments to rationally resolve them.	Student knows various methods of economic analysis, can apply them in practice and interpret their results. He/she understands the principles of rational business decision-making taking into account economic risk factors.	[SU2] presentation/project/paper/report [SU3] text preparation/written work [SU5] implementation of a problem task
	[BCHINŻ_W12] Has basic knowledge of man as an entity creating economic structures in the chemical business and has elementary knowledge of the principles and motives of human action in these structures.	Students will understand the relationship between the terms entrepreneur, entrepreneurship and innovation. Understands the place of chemical business in the economic cycle is able to evaluate and interpret economic phenomena on a micro and macro scale.	[SW2] presentation/project/paper/report [SW3] text preparation/written work [SW5] implementation of a problem task
	[BCHINŻ_W09] Describes the principles of creating and developing forms of individual entrepreneurship using knowledge of economics.	The student knows the principles of business management, how to: delegate tasks, control the implementation of tasks, plan the work of own and the team, adapt customer service measures to the specific situation of the enterprise.	[SW2] presentation/project/paper/report [SW3] text preparation/written work [SW5] implementation of a problem task
	[BCHINŻ_U11] Uses the acquired economic knowledge in undertaking independent business activities and resolving dilemmas of professional work.	The student knows what are the best operational practices in manufacturing and services. Understands operational best practices in supply chain management, in product development, in purchasing, in service and in human resources management.	[SU2] presentation/project/paper/report [SU3] text preparation/written work [SU5] implementation of a problem task
	[BCHINŻ_W01] Describes the relationship between the economy and the functioning of the chemical industry.	Knows the specifics of the chemical business in the economic cycle, its place in supply and value chains. Understands the fundamentals of the economics of a manufacturing and service business, is able to assess the economic efficiency of a chemical business.	[SW2] presentation/project/paper/report [SW3] text preparation/written work [SW5] implementation of a problem task
Subject contents	1. Fundamentals of business management, strategic and operational perspectives 2. Main decision-making problems in a small enterprise 3. Formulation of goals and objectives 4. Main processes in a small company 5. Contemporary process management methods (TQM, Lean, JIT, Toyota Production System, etc.) 6. Management of work in progress, inventories and finished goods and commercial goods 7. Economic efficiency control, indicator analysis 8. Human resources management and overcoming personnel problems 9. Operational risk management: customer issues, legal problems, tax office, social security, intellectual property law, etc. 10. Technology commercialisation, patent protection and basing development on intellectual property		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written assignment (project, presentation)	51.0%	100.0%
Recommended reading	Basic literature	Cieslik J.: Przedsiębiorczość dla ambitnych. Jak uruchomić własny biznes. Wyd. Akademickie i Profesjonalne, Warszawa 2008. B.R. Kuc, M.Z. Migala, Menedżer nowych czasów, Helion 2010, Szczepaniec M., Kulawczuk P., Sierpińska M., Start i rozwój biznesu. Jak rozpocząć własną działalność gospodarczą i osiągnąć sukces?, Wydawnictwo UG 2024	
	Supplementary literature	Nauka o przedsiębiorstwie. Wybrane zagadnienia, p. red. I. Lichniak, SGH, Warszawa 2009	

	eResources addresses	
Example issues/ example questions/ tasks being completed	A detailed study, including examples, of a selected method of production management, another selected area of operational activity of a chemical company.	
Work placement	Not applicable	

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