

Subject card

Subject name and code	From idea to business, PG_00170654						
Field of study	Chemical Business						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2028/2029		
Education level	Bachelor's studies		Subject group		Optional subject group		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		1.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Chemistry -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Tomasz Puzyn				
	Teachers		prof. dr hab. Tomasz Puzyn				
			prof. dr hab. Piotr Skowron				
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		1.0		14.0	30
Subject objectives	1/ Familiarizing students with the experiences of scientists who have commercialized the results of their research. 2/ Helping students make decisions about their career path.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[BCHINŻ_K01] Identifies the level of her/his own knowledge and skills as well as the need to update engineering knowledge, continuous professional training and personal development.		Plan for acquiring knowledge and skills in terms of the chosen career path.		[SK4] test/exam - oral or written		
	[BCHINŻ_U08] Uses the chemical nomenclature and engineering terminology properly.		Mastered basic nomenclature related to the commercialization of research results.		[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written		
	[BCHINŻ_U05] Evaluates the usefulness and functioning of existing engineering and technical solutions as well as research and measurement methods in the chemical industry.		Critical evaluation of solutions used on the market.		[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written		
	[BCHINŻ_W01] Describes the relationship between the economy and the functioning of the chemical industry.		Critical assessment and conclusions regarding your own career path in the chemical industry.		[SW4] test/exam - oral or written		

Subject contents	1/ Specificity of the scientist's work.		
	2/ Practical aspects of direct and indirect commercialization of research results.		
	3/ Career paths: scientific career, professional career in the chemical industry, own company.		
Prerequisites and co-requisites	None.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Oral exam	60.0%	100.0%
Recommended reading	Basic literature	None	
	Supplementary literature	None	
	eResources addresses		
Example issues/ example questions/ tasks being completed	1/ Describe your career plans, justify your choice based on your predispositions and knowledge of the chemical market.		
	2/ Play an interview scene where you justify your choice of career path. Use your knowledge of the chemical market and present your strengths and development plan.		
	3/ Present your business idea to the investor. Justify the idea based on knowledge of the market and a professional development plan.		
Work placement	Not applicable		

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