

Subject card

Subject name and code	Practical biotechnology, PG_00153700						
Field of study	Biotechnology						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2028/2029		
Education level	Bachelor's studies	Subject group			Obligatory subject group in the field of study Optional 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	5	ECTS credits			1.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Zespół Laboratoriów Dydaktycznych MWB UG i GUMed -> Intercollegiate Faculty of Biotechnology UG-MUG -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Wioletta Żmudzińska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	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		0.0		10.0	25
Subject objectives	The aim of the course is to familiarize students with biotechnological methods used in the economy, as well as with the organization and operation of enterprises that use biotechnological methods						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[BIOTECHL3_K06] The graduate is able to think and act in an entrepreneurial manner, recognizing the possibilities of using biotechnology achievements in practice.		Student is familiar with biotechnological methods used in the economy, as well as the organization and operation of enterprises that use biotechnological methods.		[SK2] presentation/project/paper/report		
Subject contents	<p>The course program includes visits to enterprises using biotechnological methods. During visits to companies and as part of their own work, the student becomes acquainted with:</p> <ul style="list-style-type: none"> • technological processes related to biotechnology • work organization and principles of operation of enterprises • occupational health and safety rules in enterprises 						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
			100.0%		50.0%		
			100.0%		50.0%		
Recommended reading	Basic literature		Literature selected by the student and recommended by the teacher				
	Supplementary literature		Literature selected by the student and recommended by the teacher				
	eResources addresses						

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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