

Subject card

Subject name and code	Introduction to biomedical translations (EN/PL), PG_00206781						
Field of study	Genetics and Experimental Biology						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Ewa Piotrowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	0.0	0.0	30
	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	30		5.0		40.0	75
Subject objectives	- Introducing students to the specialized vocabulary and style of English biomedical texts - Preparing students to independently translate biomedical texts from English to Polish						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GBEL3_U04] The graduate is able to: read scientific texts in English and Polish with comprehension, synthesise the knowledge they contain, prepare well-documented papers on biological problems and on the commercialisation of research.	Is able to read and comprehend scientific texts in English and prepare their translation into Polish	[SU1] oral statement/conversation/discussion
	[GBEL3_K07] The graduate is prepared to: lifelong learning and updating of knowledge in molecular genetics and other fields.	Understands the need for lifelong learning and updating knowledge and terminology in the field of molecular genetics and other disciplines.	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[GBEL3_K06] The graduate is prepared to: honesty and integrity in scientific and professional work.	Understands the need for honesty and accuracy in preparing translations of biomedical texts	[SK8] observation of student's independent or team work
	[GBEL3_U05] The graduate is able to: communicate in English at B2 level, Knows and uses English-language specialist vocabulary in the biological and medical sciences and the legal and economic aspects of research commercialisation in everyday professional/scientific activities.	Communicates in English at a B2 level and uses specialized English vocabulary in the fields of biological and medical sciences in their daily professional and scientific activities	[SU1] oral statement/conversation/discussion [SU6] demonstration of practical skills [SU8] observation of student's independent or team work
	[GBEL3_W06] A graduate has an advanced knowledge and understanding of: the development and current state of knowledge and the latest trends in molecular genetics and related fields; indicates their relationship to other disciplines in the life sciences or medical sciences and their potential for use in practice	Is familiar with the latest trends in molecular genetics and knows the specialized vocabulary in both English and Polish	[SW3] text preparation/written work
	[GBEL3_W01] A graduate has an advanced knowledge and understanding of: the structure and properties of the main types of biological macromolecules; the molecular mechanisms of basic metabolic pathways and genetic information flow; the sources of genetic variation in organisms and the mechanisms of evolution. They can explain the principles of inheritance, the differences in structure and function between prokaryotic and eukaryotic cells, as well as the structure and functional relationships at the cellular and tissue levels.	Describes in English the structure and properties of macromolecules and cells, as well as explains the rules of inheritance	[SW1] oral statement/conversation/discussion
Subject contents	[GBEL3_W08] A graduate has an advanced knowledge and understanding of: information technology applied to genetics and experimental biology.	Has general knowledge about the translation of biomedical and biotechnological texts, and knows CAT and AVT tools	[SW2] presentation/project/paper/report
	• Medical and veterinary language • Terminology in anatomy and physiology • Translation of clinical trial documentation • Translation of pharmaceutical and biochemical texts (including biotechnological patents and experimental protocols) • Translation of medical scientific texts • Computer-assisted translation (CAT) and audiovisual translation (AVT) tools		
Prerequisites and co-requisites	Proficiency in English at the high school graduation level		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written translation	51.0%	25.0%
	audiovisual translation	51.0%	25.0%
	partial tests conducted during the semester	51.0%	50.0%

Recommended reading	Basic literature	- Pohl A. Test Your Professional English Medical. 2010. Penguin English - Domański P. English in Science and Technology. 2012. WNT - Cintas J.D., Remael A. Audiovisual translation: Subtitling. 2014. Routledge - Macpherson R. English for writers and translators. 1998. PWN
	Supplementary literature	- De Sousa P.A., Perfect L., Ye J., Samuels K., Piotrowska E., Gordon M., Mate R., Abranches E., Wishart T.M., Dockrell D.H., Courtney A. Hyaluronan in mesenchymal stromal cell lineage differentiation from human pluripotent stem cells: application in serum free culture. Stem Cell Res Ther. 2024 May 3;15(1):130. doi: 10.1186/s13287-024-03719-y - Piotrowska E., Bączkowska A. Readability of information on stem cell therapies: a comparison between commercial websites and scientific articles. Forum Filologiczne Ateneum. 2023;1(11):157-178. doi: 10.36575/2353-2912/1(11)2023-10
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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