

FACULTY OF BIOTECHNOLOGY

Courses available for **2nd cycle Medical Biotechnology Exchange Students (2024/2025 academic year)**:

Winter semester (Oct. - Feb.)				Summer semester (Feb. – Jun.)			
sem.	Course or Module	hours	ECTS	sem.	Course or Module	hours	ECTS
I	Structure and Function of Proteins (lect.)	15	2	II	Experimental Tech. in Structural Biology (lect. / lab.)	15/30	3/2
	PCR Method – Technique and Application (lect.)	15	2		Systems Biology (lect./lab.)	15/30	2/2
	Molecular Organization of Bacterial Cell (lect./lab.)	15/30	2/2		Glycobiology (lect.)	15	2
	Protein Biotechnology (lab.)	30	2		Genomics and Molecular Evolution (lect./comp. lab.)	30/30	3/3
	Cell Culture Tech. - advanced course (lab.)	30	2		Seminar	15	2
	Computer Programs Used in Research Work (comp. lab.)	15	2		Elective lecture*	15	2
	Self-Presentation Methods (seminar)	15	2				
	Elective lecture*	15	2				
III	Molecular Basis of Medical Microbiology (lect.)	15	2	IV	Ethics in Biotechnology (lect.)	15	2
	Protein Posttranslational Modifications in Genome Structure and Stability (lect.)	15	2		Genetic Manipulation and Selected Aspects of Gene Therapies (lect.)	15	2
	Cancer Biology (lect.)	15	2		Elective lecture*	15	2
	Virology (lect.)	30	3				
	Drug Carriers (lect./lab.)	15/30	2/2				
	Innovation and Transfer of Knowledge to Business (lect.)	15	2				
	Seminar	30	3				
	Elective lecture*	30	3				

* Topics of elective lectures and seminars are announced before the beginning of the semester. Elective lectures will be offered only if a sufficient number of full-time students register for the course.

Exchange Students hosted by other Faculties should agree their participation in classes with Biotechnology Erasmus+ Coordinator. This is because a **limited number of places** is available. The **safety rules** and regulations, and **course requirements** are also determinative factors for laboratory admission.

In order to register for classes, **Exchange Students should contact** Biotechnology Erasmus+ Coordinator:

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Faculty of Biotechnology does not provide a list of available traineeships for exchange students. Nevertheless, laboratory placement (research project) in the frame of Mobility for Studies and/or Mobility for Traineeship is possible upon individual acceptance by host laboratory.