

Courses available for **1st cycle Biotechnology Exchange Students (2022/2023 academic year)**:

Winter semester (Oct. - Feb.)				Summer semester (Feb. – Jun.)			
sem.	Course or Module	hours	ECTS	sem.	Course or Module	hours	ECTS
I	Plant Biology (lect./lab.)	15/15	2/1	II	Physiochemical Methods in Biology (lecture)	20	3
	Animal Biology (lect.-e-learning/lab.)	15/15	2/1		Introduction to Statistics (lect./tut.)	30/30	4/2
	General and Inorganic Chemistry (lect./lab.)	30/30	3/2		Structure and Function of Biomacromolecules (lect.)	45	6
	Mathematics (lect./tut.)	30/30	3/2		Structure and Function of Biomacromolecules (lab.)	75	4
	Computer Sciences (lect./comp. lab.)	15/30	2/2		Organic Chemistry (lect./lab.)	45/45	5/3
III	Metabolism of Proteins, Carbohydrates, Nucleotides and Lipids (lect.)	40	4		IV	Microbiology (lect./lab.)	30/30
	Metabolism of Proteins and Carbohydrates (lab.)	60	4	Bioinformatics (lect./comp. lab.)		15/30	2/2
	Metabolism of Nucleic Acids (lect.)	20	3	Plant Physiology (lect.; e-learning)		30	3
	Biophysical Chemistry (lect./lab.)	30/30	4/2	Animal Physiology (lect.)		30	3
	Genetics (lect./lab.)	30/30	3/2	Techniques in Molecular Biology (lect.)		20	2
	Elective lecture 1*	15	2	Techniques in Molecular Biology (lab.)		45	2
V	Molecular Organization of the Cell (lec./lab.)	30/50	4/3	Plant Cell Cultures Techniques (lect./lab.)		15/30	2/2
	Preparative Biochemistry (lect.)	15	2	Animal Cell Cultures Techniques (lect./lab.)		15/30	2/2
	Preparative Biochemistry (lab.)	30	2	Biophysics (lect.)		30	3
	Industrial Biotechnology (lect.)	30	4	Biophysics (lab.)		30	2
	Industrial Biotechnology (lab.)	45	3	Seminar		15	2
	Bioethics (lect.)	15	1	Elective lecture 2*		15	2
	Seminar	30	4	VI	Bioprocess Engineering (lect./lab.)	30/15	2/1
	Elective lecture 3*	15	2		Enzymology (lect./lab.)	30/45	3/2
	Elective lecture 4*	15	2		Economics (lect./tut.)	30/15	2/2
			Immunology (lect./lab.)		30/30	3/2	
			Intellectual Property Law (lect.)		15	1	

* 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 BSc Programme 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, **all Exchange Students should fill out the Registration Form (available in Faculty of Biotechnology Dean's Office) not later than 2 weeks after the semester begins.** Students are registered for classes in USOSweb system by Faculty of Biotechnology Dean's Office employee.