

COURSE DESCRIPTION (SYLLABUS)

1.	Course: BSc Seminar
2.	Language of instruction: English
3.	Faculty: Faculty of Biotechnology
4.	Course/module code: 29-BT-S1-E6-EnBSc
5.	Course/module type (<i>mandatory or elective</i>): mandatory
6.	Programme: Biotechnology
7.	Study cycle (<i>1st/2nd</i>): 1st cycle
8.	Year: 3rd
9.	Semester (<i>autumn or spring</i>): spring
10.	Form of tuition and number of hours: Seminar: 5 h Learning methods: The BSc thesis project is mastered under individual supervision. The project includes search and summary of scientific literature, compilation and critical analysis of the information. The BSc thesis is presented in an individually written essay.
11.	Coordinator(s): ---
12.	Initial requirements (<i>knowledge, skills, social competences</i>): <ul style="list-style-type: none"> • knowledge of types of scientific papers and main literature search tools. • ability to make the synthesis of information from various sources and correct conclusions based on them. • ability to use proper scientific language and terminology in the field of biological sciences.

13.	<p>Objectives:</p> <p>The main goal of the course is to develop students' skills in scientific writing.</p>	
14.	<p>Content:</p> <ul style="list-style-type: none"> • a list of BA theses' topics and supervisors is announced; • guidelines and good practices for scientific writing are presented; • individual student work: searching for scientific literature and presenting the existing state of knowledge in the written form. 	
15.	<p>Learning outcomes:</p> <p>Student:</p> <ul style="list-style-type: none"> • describes biological phenomena and processes; • makes the synthesis of information from various sources and is capable of correct conclusions based on them; • uses proper scientific language and terminology during presentations and discussions in the field of biological sciences; • knows how to present in English reports of selected scientific issues and make discussions • learns by himself on given subject; • critically evaluates own knowledge and recognizes the importance of expert opinions; • recognizes the ethical problems in the field of biological sciences. 	<p>Outcome symbols:</p> <p>K1_W01, K1_U08, K1_U11, K1_U12, K1_U14, K1_K01, K1_K02, K1_K04</p>
16.	<p>Recommended literature:</p> <p>Students look for professional, scientific papers by themselves.</p>	
17.	<p>Methods of verification of the assumed learning outcomes:</p> <p>A student prepares BSc thesis on a chosen topic, basing on the scientific literature.</p> <p>A continuous evaluation of the student's writing is held by a tutor.</p>	
18.	<p>Conditions of earning credits:</p> <ul style="list-style-type: none"> • timely and correct thesis preparation; • positive evaluation of a student's writing by a supervisor. 	

19.	Student's workload:	
	Activity	Number of hours for the activity
	Hours of instruction (as stipulated in study programme) : • Sem.: 5 h	5 h
	Student's own work: • BSc thesis writing	300 h
	Total number of hours:	305 h
	Number of ECTS:	12 ECTS