

COURSE UNIT DESCRIPTION - PROFESSIONAL PRACTICE I

Course unit title	Code
PROFESSIONAL PRACTICE I	

Lecturer(s)	Department(s)
Advisor appointed by the Study Programme Committee	n/a

Cycle	Level of the course unit	Type of the course unit
Full-time studies (1 st stage)	1 out of 2	Compulsory

Mode of delivery	Period of delivered	Language(s) of instruction
Consultations; scientific research	7 th semester, autumn	Lithuanian

Prerequisites and corequisites	
Prerequisites: None	Corequisites (if any): None

Number of credits allocated to the course unit	Student's total workload	Contact hours	Self-study and research hours
10	267	10	257

Purpose of the course unit: programme competences to be developed		
To gain or develop competencies in knowledge and understanding, research, critical thinking and independent action, communication, personal effectiveness, and practical skills.		
Learning outcomes of the course unit	Teaching and learning methods	Assessment methods
<p>Upon the successful completion of Bachelor thesis, students will acquire ability:</p> <ul style="list-style-type: none"> Analyze and solve molecular biology questions; Analyze and summarize data, drawing on numerical and statistical analysis skills as appropriate; Build on existing knowledge to suggest new directions for investigation; discuss and evaluate scientific arguments; Exchange ideas with scientific colleagues, including carrying out scientific research within a research group/team; Appreciate the experimental approaches, methods and limitations in their field; Formulate scientific questions and programmes of research, drawing on expertise in the design and rationale of scientific experiments; Carry out scientific research within a research group or team; Develop critical thinking, including the critical analysis of current literature. To work independently on a proposed topic 	Consultations, research work, self-study	Defence of Professional Practice Report

and to express his/her ideas in a limited space, in a required form and in a clear manner		
Course main topics		
Selection of research laboratory from the list provided by the Study Programme Committee. Search and analysis of scientific literature. Discussions with scientific supervisor on practice topics.		
Research work at laboratory, participation in laboratory every-day life (seminars, discussions, etc.).		
Improvement of skills in scientific communication. Preparation of written report of Professional Practice.		
Oral defense of the Professional Practice		

Assessment strategy	Weight, %	Assessment period	Assessment criteria
Professional Practice defense	100 %	During the session	Final grade is the average of marks for oral presentation (50%), answers to questions of members of defense committee (50%). 2-4 (insufficient) 5 (sufficient) 6 (satisfactory) 7 (highly satisfactory) 8 (good) 9 (very good) 10 (excellent)
Required reading			
Current research papers in the field of selected theme			
Recommended reading			
Scientific Communication. Jean-Luc Doumont, ed. Nature Education (http://www.nature.com/scitable/topic/scientific-communication-14121566)			