Intercollegiate Biotechnology Doctoral School of UG and MUG

EDUCATION PROGRAMME

The education programme of the Intercollegiate Biotechnology Doctoral School of UG and MUG, hereinafter referred to as IBDS, includes the following categories:

a) research conducted by an IBDS student with the supervisory care of advisor/advisors on the basis of a submitted and approved individual research plan (Research module),
b) didactics/apprenticeship in the form of conducting or participating in conducting classes in the Intercollegiate Faculty of Biotechnology of UG and MUG (Didactic module, see: Figure 1),
c) courses developing the knowledge, skills, and competences of an IBDS student (Research module, Didactic module, Optional module, see: Figure 1),
d) doctoral dissertation preparation (Doctoral dissertation preparation module, see: Figure 1).

Figure 1. Module description

Module and its content	Year 1		Year 2		Year 3		Year 4		Total	
	Number of hours	ECTS points	Number of hours	ECTS points	Number of hours	ECTS points	Number of hours	ECTS points	Number of hours	ECTS points
Research module (21 ECTS)										
Individual research plan (tutoring)[1]	30	5							30	5
Individual doctoral seminar (tutoring)	30	1	30	1	30	1	30	1	120	4
Doctoral school seminar	30	1	30	2	30	1	30	2	120	6
Preparation of research materials – methodology seminar[2]									15	1
Participation in an academic conference[2, 3]										1
Reporting session	15	1	15	1	15	1	15	1	60	4
Didactic module (18 ECTS)										
Introduction to didactics/Innovative didactic methods	30	2							30	2

[1] Submitting the individual research plan for approval and evaluation.
[2] An IBDS student may select a year of participation in the course.
[3] Presentation of research results of every IBDS student is a component of the individual research plan.

Didactics/Apprenticeship[4]	up to 60	up to 4	up to 60	up to 4	up to 60	up to 4	up to 60	up to 4	up to 240	up to 16
General module (2 ECTS)										
Intellectual property protection[2]									15	1
Researcher oriented to responsibility in research and innovation[2]									15	1
Optional module (10 ECTS)[5]										
Selected contemporary biotechnology topics (lectures, seminars)[2, 6]	30 hours = 2 ECTS / 15 hours = 1 ECTS									
Specialised trainings, workshops, courses, conferences[2, 6]	1 ECTS for a one-day event, 2 ECTS for an event lasting 2-5 days, 3 ECTS for an event lasting longer than 5 days									
Participation in organising academic conferences and events popularising science[2, 6, 7]	1 ECTS for participation in organising one academic conference or event popularising science									
Obtaining financial resources/grants for research[2, 8]	2 ECTS									
Module – Doctoral dissertation preparation (tutoring) **(10 ECTS)**								10		10
									TOTAL	**61 ECTS**

[4] According to the IBDS Agreement, the didactic apprenticeship is served within the parameters specified by the Act. Its scope and exact number of hours are to be developed by the IBDS Director in consultation with the Dean of Intercollegiate Faculty of Biotechnology UG&MUG.

[5] An IBDS student must obtain 10 ECTS points participating in the activities listed in the Optional module.

[6] Only after receiving an approval from the IBDS Director can ECTS credits be granted for participation in courses/activities organised outside IBDS.

[7] Refers to conferences or events promoting science, which are organised or co-organised by IBDS or the Intercollegiate Faculty of Biotechnology of UG and MUG.

[8] Refers to financial grants for research obtained from sources other than UG.