SYLLABUS
Spring semester 2020-2021 academic years
on the educational program "5B070100-Biotechnology"

Discipline's code	Discipline's title	Independent work of students (IWS)	No. of hours per week			Number of credits	Independent work of student with teacher (IWST)
			Lectures (L)	Practical training (PT)	Laboratory (Lab)		
SW	Scientific writing		0	15		1	

Academic course information					
Form of education	**Type of course**	**Types of lectures**	**Types of practical training**	**Number of IWS**	**Form of final control**
	Theoretical	-	Writing of scientific papers/ Videoconference		Quiz on Moodle platform

Practical trainer	Kakimova Ardak Bolatovna	Link:
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Academic presentation of the course

Aim of course	Expected Learning Outcomes (LO) As a result of studying the discipline the undergraduate will be able to:	Indicators of LO achievement (ID) (for each LO at least 2 indicators)
To form a system of competences in the context of qualification requirements in the field of scientific writing	LO 1: Formation of a system of knowledge about structure and content of scientific papers/articles	ID 1.1 Be able to demonstrate knowledge of structure and content of scientific papers ID 1.2 Be able to demonstrate ability to analyze original articles, review
	LO 2: Formation of a system of knowledge about structure and content of Diploma project	ID 2.1 Be able to determine aim and tasks of researches ID 2.2 Be able to researches and experiments in accordance with the aim of researches
	LO 3: Synthesize, interpret and evaluate results	ID 3.1 Be able to constructive educational and social interaction and cooperation in the group ID 3.2 Be able to work in a team
Prerequisites	Foreign Language for professional purpose	
Post requisites	Basic and professional disciplines	
Information resources	Instructions for Authors. Web-site of journals (Springer, Elsevier), indexing by Scopus, Web of Science http://www.kaznu.kz http://journal.kaznu.kz/?page_id=1036 http://bb.kaznu.kz/index.php/biology https://link.springer.com/journal/40104 https://www.jmbfs.org/ http://ijeab.com/ https://link.springer.com/journal/11816 **Internet resources:** https://cyberleninka.ru/ http://ibooks.ru/ - Электронно-библиотечная система (ЭБС) iBooks.Ru. http://www.iprbookshop.ru/ - ЭБС IPRbooks https://owll.massey.ac.nz/academic-writing/what-is-academic-writing.php https://slide-share.ru/akademicheskoe-pismo-stilistika-nauchnoj-rechi-285071	

Academic policy of the course in the context of university moral and ethical values	**Academic Behavior Rules:** - All students have to register at the CDO Moodle. The deadlines for completing the modules of the online course must be strictly observed in accordance with the discipline study schedule. ATTENTION! Non-compliance with deadlines leads to loss of points! The deadline of each task is indicated in the calendar (schedule) of implementation of the content of the curriculum, as well as in the MOOC. **Academic values:** - Practical trainings/laboratories, IWS should be independent, creative. - Plagiarism, forgery, cheating at all stages of control are unacceptable. Students with disabilities can receive counseling at e-mail svetlana.turasheva@kaznu.kz
Evaluation and attestation policy	**Criteria-based evaluation:** Assessment of learning outcomes in relation to descriptors (verification of the formation of competencies in midterm control and exams). **Summative evaluation:** assessment of work activity in an audience (at a webinar); assessment of the completed task.

CALENDAR (SCHEDULE) THE IMPLEMENTATION OF THE COURSE CONTENT:

weeks	Topic name	LO	ID	amount of hours	Maximum score	Form of Knowledge Assessment	The Form of the lesson/ platform
1	**PT 1** Introduction Features of the scientific style of writing publications and projects. Essay writing	LO 1	ID 1.1.	1	15	Analysis	Webinar in MS Teams
2	**PT 2** The rules of registration of review articles, hyperlinks, list of publications on the example of the journal "Bulletin of the Kazakh National University. Biological Series"	LO 1	ID 1.1. ID 1.2	1	20	Analysis	Webinar in MS Teams
3	**PT 3** Writing review publications, designed according to the rules of the journal "Vestnik KazNU. Biological Series". Familiarization with the system "Antiplagiat". Citation rules.	LO 1	ID 1.1. ID 1.2		30	Analysis	Webinar in MS Teams
4	**PT 4** Review of literature on the determined topic.	LO 1	ID 1.1. ID 1.2		15	Analysis	Webinar in MS Teams
5	**PT 5** Rules for writing abstracts / abstracts and short messages.	LO 1	ID 1.1.		20	Analysis	Webinar in MS Teams
5	**Intermediate control 1**				100		
6	**PT 6** Rules for writing and design presentations.	LO 1 LO 3	ID 1.1. ID 3.1 ID 3.2	1	20	Analysis	Webinar in MS Teams
7	**PT 7** Writing a thesis and highlights (headers). Introduction to the system CrossRef, Mendeley	LO 3	ID 3.1.	1	30	Analysis	Webinar in MS Teams
8	**PT 8** Review of literature on the sections of biotechnology	LO 1	ID 1.1.	1	20	Analysis	Webinar in MS Teams
9	**PT 9** Rules for writing scientific articles on the requirements of journals indexed in the Scopus database	LO 1	ID 1.2.	1	15	Analysis	Webinar in MS Teams
10	**PT 10** Rules for writing scientific articles on the requirements of journals, indexed in the database Thomson Reuters / Web of knowledge	LO 1	ID 1.2.	1	15	Analysis	Webinar in MS Teams
10	**MT (Midterm Exam)**	LO 1	ID 1.1.		100		
11	**PT 11** Writing and design graduation (final) work	LO 2	ID 2.1. ID 2.2.	1	20	Analysis	Video lecture in MS Teams
12	**PT 12** Review article on the Diploma project	LO 2	ID 2.1.	1	15	Analysis	Video

							lecture in MS Teams
13	**PT 13** Preparation of presentations and regulation of the presentation of scientific material. Registration of reports for conferences.	LO 1 LO 2 LO 3	ID 1.1. ID 2.1. ID 3.1	1	30	Analysis	Webinar in MS Teams
14	**PT 14** Writing abstracts and original articles for submission to the conference	LO 1	ID 1.2.	1	20	Analysis	Webinar in MS Teams
15	**PT 15** Principles of writing research projects	LO 1 LO 3	ID 1.2. ID 3.1. ID 3.2	1	15	Analysis	Webinar in MS Teams
	Intermediate control 2	LO 1	ID 1.1.		100		

Dean   **B.K. Zayadan**

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Head of the Department   **A.S. Kistaubaeva**

Practical trainer   **S.K. Sandybayeva**