SYLLABUS

Fall semester 2020-2021 academic years

on the educational program “5B070100-Biotechnology”

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| **Discipline’s code** | **Discipline’s title** | **Indepen dent work of students (IWS)** | **No. of hours per week** | | | | | **Numbe r of credits** | **Independen t work of student with teacher**  **(IWST)** |
| **Lectu res (L)** | **Practical training (PT)** | | **Labora tory (Lab)** | |
| SW 1В223 | 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 | |  | | Quiz on Moodle platform |
| Lecturer | Kakimova Ardak Bolatovna | | | | | | Link: https://teams.microsoft.co m/l/team/19%3a43a59bbf5 f024bb49e59297fc186e81 9%40thread.tacv2/convers ations?groupId=e870428a- ead6-4272-99c1-  90039431c1a1&tenantId= b0ab71a5-75b1-4d65- 81f7-f479b4978d7b | | |
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| Telephone number | 87087682362 | | | | | |

Academic presentation of the course

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| **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 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://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://www.jmbfs.org/)  <http://ijeab.com/> https://link.springer.com/journal/11816 | |

**Academic Behavior Rules:**

**Academic policy of**

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| **the course in the context of university moral and ethical values** | 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](mailto: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:

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| week s | | Topic name | LO | ID | amo unt of hou rs | Maxi  mum  score | Form of Knowledg e Assessmen t | | | The Form of the lesson  / platform | | |
| 1 | **PT 1** Introduction Features of the scientific style of writing publications and projects. Essay  writing | | LО 1 | ID 1.1. | 1 | 15 |  | Analysis |  | Webinar in MS  Teams | | |
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| 2 | **PT 1** 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" | | LО 1 | ID 1.1.  ID 1.2 | 1 | 20 |  | Analysis |  | Webinar in MS Teams | | |
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| 3 | **PT 1** Writing review publications, designed according to the rules of the journal "Vestnik KazNU. Biological Series". Familiarization with the system "Antiplagiat". Citation rules. | | LО 1 | ID 1.1.  ID 1.2 |  | 30 |  | Analysis |  | Webinar in MS Teams | | |
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| 4 | **PT 1** Review of literature on the determined topic. | | LО 1 | ID 1.1.  ID 1.2 |  | 15 |  | Analysis |  |  | Webinar in MS  Teams |  |
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| 5 | **PT 1** Rules for writing abstracts / abstracts and short messages. | | LО 1 | ID 1.1. |  | 20 |  | Analysis |  |  | Webinar  in MS Teams |  |
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| 5 | **Intermediate control 1** | |  |  |  | 100 |  | | |  | | |
| 6 | **PT 1** Rules for writing and design presentations. | | LО 1  LО 3 | ID 1.1.  ID 3.1  ID 3.2 | 1 | 20 |  | Analysis |  | Webinar  in MS Teams | | |
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| 7 | **PT 1** Writing a thesis and highlights (headers). Introduction to the system CrossRef, Mendeley | | LО 3 | ID 3.1. | 1 | 30 |  | Analysis |  | Webinar in MS  Teams | | |
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| 8 | **PT 1** Review of literature on the sections of biotechnology | | LО 1 | ID 1.1. | 1 | 20 |  | Analysis |  | Webinar in MS  Teams | | |
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| 9 | **PT 1** Rules for writing scientific articles on the  requirements of journals indexed in the Scopus database | | LО 1 | ID 1.2. | 1 | 15 |  | Analysis |  | Webinar  in MS Teams | | |
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| 10 | **PT 1** Rules for writing scientific articles on the requirements of journals, indexed in the database Thomson Reuters / Web of knowledge | | LО 1 | ID 1.2. | 1 | 15 |  | Analysis |  | Webinar in MS Teams | | |
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| 10 | **МТ (Midterm Exam)** | | LО 1 | ID 1.1. |  | 100 |  | | |  | | |
| 11 | **PT 1** Writing and design graduation (final) work | | LО 2 | ID 2.1.  ID 2.2. | 1 | 20 |  | Analysis |  |  | Video lecture  in MS Teams |  |
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| 12 | **PT 1** Review article on the Diploma project | | LО 2 | ID 2.1. | 1 | 15 |  | Analysis |  |  | Video |  |

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

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