

SYLLABUS
Fall semester 2020-2021 academic years
on the educational program “8D06104 - Mathematical and Computer Modeling”

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)		
	ACADEMIC WRITING	84	-	30	-	5	7

Academic course information

Form of education	Type of course	Types of lectures	Types of practical training	Number of IWS	Form of final control
online	theoretical		performance skills	7	writing
Lecturer	Abdibekov Ualikhan Seidildaevich			Scheduled	
e-mail	uali@kaznu.kz				
Telephone number	2211589				

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)
	LO 1. formation of the idea of publications	ID.1 wording of article structures
	LO 2. formation of report structures	ID. 2 choice of language for writing an article
	LO 3. creating a presentation report	ID. formation of presentation of the report on slides

	LO 4 . preparation of oral presentation	ID. 4 oral presentation skills training
	As a result of studying the discipline, the doctoral candidate will be able to independently understand scientific articles and independently build articles, presentations and oral presentations skills	
Prerequisites	English course advanced level	
Post requisites		
Information resources	<p>literature:</p> <ol style="list-style-type: none"> 1. Mack C.A. How to Write a Good Scientific Paper. - SPIE PRESS Bellingham, Washington USA, 110 p. 2. Writing for Scholarly Journals Publishing in the Arts, Humanities and Social Sciences// Edited by Daniel. P. J. Soule, Lucy Whiteley, and Shona McIntosh, 2007, eSharp , 51 p. 3. АКАДЕМИЧЕСКОЕ ПИСЬМО// Высшее образование в России • № 7, 2013, с. 100-118 4. Бут, Ю. Е. Академическое письмо: учебное пособие для студентов, магистрантов и аспирантов // – Екатеринбург : Издательский отдел УрГПУ, 2019. – 224 с. 5. АКАДЕМИЧЕСКОЕ ПИСЬМО// Высшее образование в России • № 12, 2016, с. 59-67 <p>Internet-resources: Additional educational material, lecture and practical classes, CDS assignments are uploaded to the teaching materials section of the univer.kaznu.kz website.</p>	
Academic policy of the course in the context of university moral and	<p>Academic Behavior Rules: All students have to register at the MOOC. 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.</p> <p>Academic values:</p> <ul style="list-style-type: none"> - 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 uali@kaznu.kz 	

ethical values	
Evaluation and attestation policy	<p>Criteria-based evaluation: assessment of learning outcomes in relation to descriptors (verification of the formation of competencies in midterm control and exams).</p> <p>Summative evaluation: assessment of work activity in an audience (at a webinar); assessment of the completed task.</p>

Calendar (schedule) the implementation of the course content:

Week / date	Topic title (lectures, practical classes, Independent work of students, IWS)	LO	ID	Number of hours	Maximum score	Form of Knowledge Assessment	The Form of the lesson / platform
Module 1. Writing in the Scientific Style							
1	Practical training 1. Introduction. Motivations for writing and publishing a science paper. The Literature Search. Plan and Execute Research with Publication in Mind The Standard Structure of a Scientific Paper: Introduction; Method; Results and Discussion; Conclusions .	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
2	Practical training 2. The Scientific Style: Truth; Presentation; Scene; Cast ; Thought and language .Writing in the Scientific Style. Acronyms.	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
	Independent work of student with teacher: IWST.				30		
3	Practical training 3. The Five Goals of Citations . The Literature Search. Problems with Citations. Self-Citations. Writing an Abstract . Structured Abstracts. Important Additional Thoughts on	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams

4	Abstracts.						
	Practical training 4. Titles. Keywords. What an Editor Looks For. Scope. Quality. Novelty . Significance .	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
5	Practical training 5 The Goals of Using Figures .Errors in Graphs. Graphical Integrity. Guidelines for good graphics.The <i>x-y</i> scatterplot. Figure Quality from a Production Standpoint. Tables						Webinar in MS Teams
	Independent work of student with teacher: IWST.				30		
MT 1					100		
Module 2. The Paper for Publication and the Publishing Process							
6	Practical training 6. Significance: Measuring significance. Null (negative) result.Picking the Right Journal. The Specialization Spectrum. Reading in the Age of Search Engines . Avoiding the Wrong Journal	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
7	Practical training 7. Submitting a Paper for Publication and the Publishing Process. Choice of Journal. Impact factor Submitting a Paper for Publication and the Publishing Process. Presentation of your paper. Abstract. Submission. Permissions	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
8	Practical training 8. Submitting a Paper for Publication and the Publishing Process. Peer review and manuscript management. Acceptance to Publish and Copyright.Submitting a Paper for Publication and the Publishing Process. Print and Online Production. Postprint Policy and Institutional Repositories. Essay prizes	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
	Independent work of student with teacher: IWST.				20		
9	Practical training 9. Cover Letter. Purpose of the Cover Letter. A Structured Cover Letter. The Editorial Review Process. The Goals of Peer Review. Characteristics of a Well-Done Review.	LO.1- LO.4	ID.1-ID.4	1	10		Webinar in MS Teams
10	Practical training 10. The Editorial Review Process. The Peer-	LO.1-	ID.1-ID.4	1	10		Webinar

	Review Process at a Journal. The Editorial Review Process. Responsibilities of each participant in the peer-review process. Criticisms of the Peer-Review Process.	LO.4					in MS Teams
	Independent work of student with teacher: IWST.				30		
	MT (Midterm Exam)				100		
Module 3. The Ethics of Scientific Publication							
11	Practical training 11. Review Articles. What is a Review Article? Structure of a Review Article. What Makes a Review Article “Good”? The Ethics of Scientific Publication. The Primary Ethic of Scientific Publication. Author Responsibilities before Publication.	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
12	Practical training 12. The Ethics of Scientific Publication. Responsibilities during the Peer-Review Process. Author Responsibilities after Publication. Authorship. Defining Authorship.	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
	Independent work of student with teacher: IWST.				15		
13	Practical training 13. Authorship. Guest author or Ghosts author. Acknowledgments. Author Order. Authorship within Journal. Plagiarism. Copying Another’s Ideas. Copying Another’s Images. Copying Another’s Words.	LO.1- LO.4	ID.1-ID.4	1	10		Webinar in MS Teams
14	Practical training 14. Plagiarism. Duplicate Publication, or Self-Plagiarism . Cultural Issues. Double Publication. Something Old, Something New . The Role of Conference Proceedings.	LO.1- LO.4	ID.1-ID.4	2	10		Webinar in MS Teams
	Independent work of student with teacher: IWST.	LO.1-	ID.1-ID.4		15		

		LO.4					
15	Practical training 15. Editorial Ethics. Editors' Responsibilities. Turning your coursework into articles. How do articles differ from coursework?	LO.1- LO.4	ID.1-ID.4	1	10		Webinar in MS Teams
	Independent work of student with teacher: IWST.				20		Webinar in MS Teams
	MT 2				100		
	Exam				100		

[Abbreviations: QS - questions for self-examination; TK - typical tasks; IT - individual tasks; CW - control work; MT - midterm.

Comments:

- Form of L and PT: webinar in MS Teams / Zoom (presentation of video materials for 10-15 minutes, then its discussion / consolidation in the form of a discussion / problem solving / ...)
- Form of carrying out the CW: webinar (at the end of the course, the students pass screenshots of the work to the monitor, he/she sends them to the teacher) / test in the Moodle DLS.
- All course materials (L, QS, TK, IT, etc.) see here (see Literature and Resources, p. 6).
- Tasks for the next week open after each deadline.
- CW assignments are given by the teacher at the beginning of the webinar.]

Dean

Chairman of the Faculty Methodical Bureau

Head of the Department

Lecturer

