

PhD program: Cartography and GeoInformatics

General Information	
University	Osh Technological University named after M. Adyshev (OshTU)
Course title	Academic Writing and Communication
Course/Module code	AWC
Course type	Mandatory
Year of Study	1st year
Term/Semester	Fall semester
Credits awarded	5 ECTS
Degree	PhD
Enrollment status	Full-Time
Entry requirements/ Competences	

Lecturer's details	
Name, surname	Abdurashit Nizamiev
Academic title	Professor, Dr.
Contact details	rashit_eco@mail.ru
Office hours and consultation schedule	
Course Structure	
Course Aim and Objectives	The aim of the course is that students should acquire knowledge and skills in scientific writing. It will cover various aspects of writing, editing, and presenting scientific information. Students will develop proficiency in composing different types of scientific documents, including research papers, reports, and proposals.
Short Description	AWC
Module/Topic	Academic Writing and Communication
Teaching Method	<ul style="list-style-type: none"> – Regular lectures; – Practical works – Project work/Presentation – Discussions in class
Form of Assessment	<ul style="list-style-type: none"> – Assignments (40%) – Class discussion/participation (20%)

	<ul style="list-style-type: none"> – Presentation (20%) – Final exam (20%)
Learning Outcomes	<p>On completion of the course, the student shall be able to:</p> <ul style="list-style-type: none"> – understand the ethical responsibilities associated with scientific writing, including proper citation practices, avoidance of plagiarism, and adherence to authorship and publication ethics, – cultivate the ability to collaborate with peers in the writing process, engaging in constructive discussions and providing valuable feedback to enhance each other's work, – gain knowledge and skills in writing scientific proposals, including grant proposals, with an understanding of the structure, components, and principles of effective proposal writing – properly cite sources and create bibliographies using standard citation styles, – demonstrate clarity, conciseness, and coherence in their writing, ensuring that complex scientific ideas are communicated effectively to both specialist and non-specialist audiences.
Course content	<ol style="list-style-type: none"> 1. Introduction to Scientific Writing <ul style="list-style-type: none"> • Overview of the course • Importance of effective scientific communication 2. Understanding Your Audience <ul style="list-style-type: none"> • Tailoring your writing to different audiences • Writing for specialists vs. general audience 3. Elements of Effective Writing <ul style="list-style-type: none"> • Clarity, conciseness, and coherence • Grammar and style 4. Structuring Scientific Papers <ul style="list-style-type: none"> • Abstracts, introductions, methods, results, discussions (IMRAD) • Title and abstract writing exercises 5. Citing Sources and Referencing <ul style="list-style-type: none"> • Proper use of citations • Introduction to citation styles (APA, MLA, etc.) 6. Editing and Proofreading <ul style="list-style-type: none"> • Techniques for self-editing • Peer review process 7. Writing Scientific Proposals <ul style="list-style-type: none"> • Structure and components of a proposal • Grant writing principles 8. Preparing Scientific Presentations <ul style="list-style-type: none"> • Designing effective slides • Oral presentation skills 9. Ethical Considerations in Scientific Writing <ul style="list-style-type: none"> • Plagiarism and proper attribution • Authorship and publication ethics

	10. Review and Exam Preparation <ul style="list-style-type: none">• Review of key concepts• Exam strategies
Literature:	<ul style="list-style-type: none">- "Scientific Writing and Communication: Papers, Proposals, and Presentations" by Angelika H. Hofmann- "Writing science. How to write paper that get cited and proposals that get funded" by Joshua Schimel, Oxford University Press, 2012.