



**SYLLABUS OF THE SUBJECT " METHODOLOGY OF SCIENTIFIC RESEARCH
WITH ETHICS "**

Të dhëna bazike të lëndës	
Academic unit:	Faculty of Education
Course title:	Methodology of scientific research with ethics
Programme:	Education Sciences
Level:	Master
Status of the course:	Mandatory
Year of study:	Second year, third semester
Number oh hours per week:	2+2
Value on credit – ECTS:	6
Time / Location:	
Course teacher:	
Contact details:	
Description of the subject	Science, the nature of science, its development and scientific research; the concept of ethics and ethical theories; research and publication ethics; unethical behavior and ethical violations during the research process; ethical issues related to authorship and copyright; publication bias, editing, refereeing and ethics; publication ethics and unethical behavior in the publication process; legal legislation and boards regarding research and publication ethics; The ways to follow in the detection of ethical violations; Common violations of research and publication ethics and methods to prevent them.
Objectives of the course:	Graduates of the Master's degree of the Faculty of Education are expected to have the capacity to carry out the scientific research process. The goal of the scientific and research ethics course is to contribute to science by preparing publications that distinguish scientific knowledge and comply with ethical principles at every stage of the research process.
Learning outcomes:	• Distinguishes scientific knowledge; • Recognize unethical behavior during the research process • Knows the ethical principles related to writing • Knows the ethical principles related to the arbitration process • Evaluates the process of publishing the scientific report in the framework of ethical principles • Distinguishes ethical and unethical behaviors in scientific research processes; • Knows violations of broadcast ethics and ways to prevent these violations;



	Recognizes ethical issues in the data collection process		
Student workload (should correspond to the student's learning outcomes)			
Activity	Hours	Days/weeks	Total
Lectures	2	15	30
Theoretical and Laboratory exercises	2	2	30
Practical work			
Meetings with teachers/consultations	1	10	10
Field exercises			
Colloquiums and seminars			
Homework	2	5	10
Individual studying time (in the library or at home)	3	13	39
Final preparations for an exam	2	13	26
Time spent on assessment (tests, quiz, and final exam)	2	2	4
Projects and presentations	1	1	1
Total			150 Orë 6 ECTS
Teaching methodology:	The course will run by using contemporary teaching methodologies and techniques, through interactive teaching, discussions, and different forms of individual work, pair work, group work, presentations, etc.		
Assessment methods:	Continuous assessment (activity) 10% Individual presentations 20% Coursework 20% Final exam 50 %		
Basic Literature:	Iphofen, R. (2020). Handbook of Research Ethics and Scientific Integrity. SpringerLink. Azemi, B., Bujari R. (2013). Bazat e kerkimit ne edukim. Instituti Pedagogjik I Kosovës		
Additional Literature:	Smith, J. (2020). Handbook of Research Methodology. SpringerLink.		

The designed learning plan:		
Week	The planned lesson	Exercises



Week I	Basic concepts of science and scientific research	Knowledge, Science, Functions of Science, Scientific Method, Positivist and Postpositivist Paradigms, Quantitative and Qualitative Research, etc.
Week II	Introduction to scientific research	Problem, Purpose, Significance, Limitations, Assumptions
Week III	Scientific Research Methods	Research designs (survey and trial designs), population and sampling, data collection methods (observation, interview, document review, written data collection: survey and scale development, scale adaptation) Analysis of DATA
Week IV	Findings and interpretations in scientific research	Discussion and review of Findings and Interpretations in class
Week V	Results and recommendations in scientific research	Review and discussion of results in theses and scientific articles
Week VI	Concept of Ethics, Ethical Theories and Professional Teaching Ethics	Discussing students' opinions about the concept of ethics in the classroom
Week VII	Ethical principles, unethical behaviors and ethical violations in the research process	Plagiarism, Forgery, Misrepresentation
Week VIII	Publishing ethics and unethical behaviors in the publishing process	Discussing students' opinions
Week IX	Torts and Other Types of Ethical Violations	Conducting group work on unethical publications in the classroom
Week X	Consulting, jury membership, editing, arbitration and ethics	Discussing ethical behavior in consulting, jury membership, editorial work
Week XI	Unethical behaviors in science: causes, precautions, suggestions for solutions, and plagiarism screening programs	Unethical Behavior in Science: Causes, Precautions, Suggested Solutions, and Plagiarism Programs doing group work
Week XII	Basic principles of scientific ethics	Practicing the basic principles of scientific ethics
Week XIII	Basic concepts in scientific research and analysis and reviews of articles, books and theses	article, book and thesis reviews
Week XIV	Basic concepts in scientific research and analysis and reviews of articles, books and theses – cont	Article, book and thesis reviews



Week XV	Conclusion of the subject	Conclusion of the subject
Academic policies and code of conduct		
Active participation of students in learning; Participation in discussion, conversation, group work and free expression of opinion; Respecting the lecture schedule, arriving late or leaving without a valid reason is not allowed; Absence in four or more lectures loses the right to enter the exam! Any form of copying or forgery is condemned!		