

MASTER OF SCIENCE IN “TEACHING IN LOWER AND UPPER SECONDARY SCHOOL”

PROGRAM LEARNING OUTCOMES

By the end of the study programme the students will be able to:

- demonstrate a comprehensive description of the school and learners.
- demonstrate an accurate and an in-depth presentation of the content they plan to teach.
- use of a variety of classroom instructional strategies that address the diversity of learners.
- use an effective assessment strategy to determine the backgrounds and achievements of learners in order to facilitate their intellectual, social, and personal development.
- conduct action research within classroom and school settings.
- reflect a commitment, knowledge, and skill to be advocates for students, their families, and the education profession.
- employ best practice, innovative pedagogy, and skilled assessment.
- utilize appropriate technology and multimedia to organize, analyze, interpret, and present information.

PROFILE “LANGUAGES AND COMUNICATION”

- analyze and interpret authentic texts and other cultural products in clearly organized and coherent presentations in speech and writing in ways that reflect informed understanding of relevant contextual factors, including socio-historical influences and cultural traditions.
- demonstrate a thorough understanding of pedagogical theories, literature, native and foreign language teaching methods, best practices, and standards (institutional, state, and national) and the ability to apply them in ways that increase the language proficiency and cultural competence of their students.

PROFILE “NATURAL SCIENCES”

- become proficient in communicating natural sciences concepts both verbally and in writing;
- effectively use critical thinking to draw logical conclusions in natural sciences;
- explain and understand the basic concepts of natural sciences across all scales;

PROFILE “MATHEMATICS”

- demonstrate the ability to effectively utilize a variety of teaching techniques and classroom strategies to positively influence student learning.
- be able to communicate mathematical ideas, results, context, and background effectively and professionally in written and oral form.
- demonstrate critical and creative problem-solving in mathematics through the application of mathematical techniques and research activities in the academe.
- demonstrate the continuous search for knowledge through scientific inquiry and research in the field of mathematics.

PROFILE “SOCIETY AND ENVIRONMENT”

- understand the importance of ideas in historical, contemporary and future approaches to the environment;

- demonstrate knowledge of key concepts in the environmental literature;
- use concepts, ideas and methods from the environmental literature to address urgent environmental challenges across a range of specialities such as policy, conservation, education, public consultation;
- create and generate new knowledge about the environment through a range of media, including academic and creative forms of text and image;

PROFILE “TECHNOLOGY AND ICT”

- identify, describe, and apply emerging technologies in teaching and learning environments.
- demonstrate knowledge, attitudes, and skills of digital age work and learning.
- implement curriculum methods and strategies that use technology to maximize student learning.
- compare and contrast social, ethical, and legal issues surrounding technology.
- facilitate instruction in the new literacies that emerge within digital / interactive learning environments.

PROFILE “PHYSICAL EDUCATION, SPORTS AND HEALTH”

- apply discipline-specific scientific and theoretical concepts critical to the development of physically educated individuals.
- plan, instruct, assess, and create a safe learning environment to meet the needs of diverse learners.
- demonstrate skillful performance in physical education content areas and health-enhancing levels of fitness.

PROFILE “ARTS”

- design comprehensive, sequential art curriculum that incorporates a variety of teaching strategies and considers the developmental appropriateness of students.
- use a variety of teaching and assessment strategies to promote students' conceptual learning and artistic achievement during select field and student teaching experiences.

CURRICULA

MSc "TEACHING IN LOWER AND UPPER SECONDARY SCHOOL" 120 ECTS				
Nr.	Year	Sem	Subject	ECTS
A - GENERAL SUBJECTS/5-10% / 12 ECTS/ 2 SUBJECTS				
1	I	1	Advanced Research Methods	6
2	I	2	Quantitative Research Methods	6
B - CHARACTERIZING/CORE SUBJECTS/50-60%/60 ECTS				
1	I	1	Theories of Educational Sciences	6
2	I	1	Pedagogical Didactics	6
3	II	1	Curricula	6



MSc "TEACHING IN LOWER AND UPPER SECONDARY SCHOOL" 120 ECTS					
Nr.	Year	Sem	Subject	ECTS	
4	II	1	Pedagogy of Communication and Personality	6	
5	I	2	Policies in Education	6	
6	I	1	Contemporary Technologies in Teaching and Learning	6	
7	I	2	School Administration	6	
8	II	1	Organizational Pedagogy	6	
9	I	1	Social Pedagogy	6	
10	I	2	Evaluation and Standards in Education	6	
C - INTERDISCIPLINARY / INTEGRATING SUBJECTS / 12-20% / 18 ECTS					
PROFILES:		LANGUAGES AND COMMUNICATION			
		NATURAL SCIENCES			
		MATHEMATICS			
		SOCIETY AND ENVIRONMENT			
		TECHNOLOGY AND ICT			
		PHYSICAL EDUCATION, SPORTS AND HEALTH			
		ARTS			
1	I	2	Methodics 1	6	
2	II	1	Methodics 2	6	
3	II	2	Methodics 3	6	
D - ADDITIONAL SUBJECTS / 10% / 12 ECTS					
1	II	2	Internship and Career Development	12	
E -FINAL OBLIGATIONS/10-15%/18 ECTS					
1	II	1-2	Diploma Thesis	18	