

MSc program “HEALTH INFORMATION MANAGEMENT”

Description and curriculum:

The Master's academic study program in the field of information management in healthcare aims to educate experts who will enable more efficient and effective functioning of the healthcare system, ie improving and preserving the health of all citizens; adequate response to the expectations and demands of citizens for health care and provided the fairest possible financial contribution for all citizens. Students will acquire the necessary knowledge and skills for change management, development of health institutions, financing in the health system, teamwork and continuous quality improvement. They will master the skills of strategic management of complex healthcare systems and institutions in conditions of change, limited resources and high expectations and master the basic postulates of management - leadership, assessment, communication, evaluation, planning, analytical approach and their application in practice.

Upon completion of the Master's academic studies "Information Management in Health" students will adopt a systemic approach in research, analysis and performance evaluations of the national health system and will be able to conduct comparative analyzes of the performance of the national health system with reference to financing and service provision. Students will also acquire knowledge and skills in comparing international and domestic health policies, their scope and limitations, as well as policy development with negotiation and advocacy skills. They will learn to manage changes in the health care system, manage conflicts in health institutions, and control the quality of services provided. They will acquire the necessary knowledge of how to make financial plans and budgets, how to manage projects and learn the importance of using data in order to improve the performance and quality of services in the health care system.

<u>I semester</u>	<u>II semester</u>
<ol style="list-style-type: none">1. Health and determinants of health2. Development and design of healthcare organizations3. IT support for healthcare management4. Basics of statistics	<ol style="list-style-type: none">1. Basics of economics in healthcare2. Fundamentals of law in healthcare3. Information technologies and information management in healthcare4. Data analytics and artificial intelligence in healthcare

5. Elective subject	5. Elective subject
<u>III semester</u> 1. "Big data" analysis 2. E-health and electronic documentation system in healthcare 3. Work practice 4. Elective subject	<u>IV semester</u> <i>MASTER THESIS</i>