

Educational outcomes 2nd degree

Theoretical knowledge

Graduate

- knows the morphology and physiology of individual systems of the human body with an emphasis on the musculoskeletal and supportive apparatus and understanding of the human body as a dynamic and adaptable entity,
- has knowledge of pathomorphological and pathophysiological manifestations of disease processes and conditions in the human body,
- has basic knowledge of health statistics and research in physiotherapy,
- knows the theoretical foundations and methods of effective managerial communication in professional activities,
- has basic knowledge of facts, concepts, relationships, connections and principles of psychosomatics, psychotherapy and psychology,
- mastered the basic principles of medical ethics,
- has theoretical knowledge of specialised methodologies of kinesiology and pathokinesiology in neurology, orthopaedics, surgery, traumatology, gynaecology, paediatrics and internal medicine,
- has a broad knowledge, data, and methods from functional diagnostics and the locomotor system, which are a prerequisite for prevention, correct diagnosis, effective therapy and evaluation in the process of medical rehabilitation,
- has theoretical knowledge in the social field, social services and counselling, health policy, and legislation,
- has theoretical knowledge and follows guidelines in procedures of ergotherapy rehabilitation,
- has theoretical knowledge of robotic rehabilitation, virtual rehabilitation, telerehabilitation, the fundamentals in sports for the physically disadvantaged,
- has theoretical foundations of algesiology, management and analysis of painful sensations, and the possibilities of physiotherapeutic intervention in painful conditions of the musculoskeletal system,
- has theoretical knowledge in organization and management in physiotherapy.