
Department of Physiology and Biochemistry

Research work:

Reactive and adaptive functional changes of human organism on the movement activity.

Movement functional and biochemical characteristics of human skeletal muscle.

Movement activity influence on of ontogenetic development of children. Primary and secondary prevention of cardiovascular diseases.

Pedagogical work:

Given lectures on:

- Biochemistry
- General Biology
- Human Physiology
- Exercise Physiology
- Pathological Physiology
- Biology of Children
- Aspects of Hereditary Diseases
- Sports Physiology
- Physiology of Adaptation
- Sports Genetics

Within the framework of an English education program for international (foreign) students – Physiotherapy (Bachelor Degree) and Physical Education and Sport

(Master Degree, Erasmus) – are given lessons concerning the basic complementary subjects in the field of biology, physiology and biochemistry.

A list of subjects is following:

- [Biology \(General\)](#)
- [Physiology and Exercise Physiology](#)
- [Biochemistry](#)
- [Pathological Physiology](#)