

**Course name: Human physiology** (USOS Code: B-B.016Eng)

**ECTS: 6**

**No. of hours:** 90 (30 lectures + 60 classes)

**Course coordinator:** Prof. dr hab. Piotr Wlaź

**Prerequisites:** -

**Course description:** During the course the following issues are discussed: phenomena related to the excitability of the body's cells, structure and functions of the nervous system (characteristics of individual brain structures and spinal cord, reflex activity, characteristics of the autonomic and peripheral nervous system and senses, the role of the central nervous system in the regulation of the functions of individual organs), skeletal and smooth muscle physiology, blood – blood functions and blood cells, structure and functions of the respiratory, cardiovascular, digestive and excretory systems, hormonal regulation of physiological function.

**Recommended literature:** Barrett K., Barman S., Boitano S., Brooks H.- Ganong's Review of Medical Physiology; Hill R.W., Wyse G. A., Anderson M. - Animal Physiology.