

General Information			
Course name and code	Chronophysiology UBEV/CRO1/03	ECTS Credits	5
		Semester	1st (Winter) Master & Doctoral Degree
Aims			
<p>To explain the importance of one of the basic features of living things, the necessity of their adaptation to the motions of Earth around the Sun and around its axis. To mediate the contemporary knowledge about genetic, molecular and physiological mechanisms controlling rhythmical phenomena in the organisms.</p>			
Contents			
<p>Time structure of physiological variables in animals and man. Basic notions and categories of biological rhythms. The significance of biological rhythms in the evolution of organisms. The genetic basis and molecular mechanisms of biological clocks in various organisms. The multioscillatory system of the body. The significance of circadian rhythms for animal and human life. Application of chronobiologic principles in praxis.</p> <p>Prerequisites: Animal Physiology.</p>			
Evaluation			
Test/oral examination.			
Bibliography			