

Course: Animal Physiology (7,5 ECTS)

Coordinator: Teresa de Jesus da Silva Matos

Hours per week: 6 hours (2 h + 4 h)

Course program	Hours	Professor
<ul style="list-style-type: none"> - Study of the fundamental physiological mechanisms for the animal life at different levels of organization. - Assessment of the different systems used in vertebrate and invertebrate species for the environmental adaptations and to explore the systems contribution for the homeostasis maintenance on the animal organism, mainly in man. - Organization and structure of the animal organism: Movement and support; Integration systems and control; Regulation and maintenance; Development and reproduction. - Physiology study of the different organs systems: nervous system; cardiovascular system and internal transport; gases exchange and respiration; digestive system; urinary system; endocrine system; reproductive system; lymphatic system; muscle structure. - Practical classes and seminars - Animal lab manipulation. 	84 hours (14 weeks)	<p>Teresa Silva Matos</p> <p>Sporadic participation of another professor: - Madalena Lordelo (6 hours)</p>