University: *University of Presov*	

Faculty/university workplace: *Faculty of Humanities and Natural Sciences*

Code: 2BIO/EROSHUMO/22	**Course title: Human Osteology**

Type, scope and method of educational activity:
Type of educational activity: lecture/exercise
Scope of educational activity: 1/0/3
Method of educational activity: combined

Number of credits: *5*

Recommended semester:

Winter/Spring	*biology (BioMSc.)*

Study grade: *master*

Prerequisites: -

Conditions for passing the course:
Active participation in lectures and exercises is mandatory for successful completion of the course.

Form of assessment: Exam

Continuous evaluation: -

Final evaluation: Written exam.
Criteria of aveluation: A: 100% – 91 %, B: 90% – 81 %, C: 80 % - 71 %, D: 70 % - 61 %, E: 60 % – 51 %. FX: 50 % a menej %.

Learning outcomes:
Knowledge gained:
- the graduate of the course acquires basic theoretical knowledge about the current state of scientific knowledge in anthropology;
- understands the processes of changes of the human organism in the course of ontogenetic and phylogenetic development;
- can demonstrate knowledge and understanding of the uniqueness of man as a biological species and social creature as well as the relationship between man and the environment;
- has knowledge and understanding of human variation, the factors of its origin, the general laws of human growth and development, the basic methods of osteological research and physical anthropology.

Skills Acquired:
- is able to work with skeletal material, appropriately select and use adequate methods of analysis to create a biological profile of skeletal remains;
- knows how to use anthropological measuring instruments correctly;
- can independently interpret the results of anthropological research.

Competences acquired:
- can clearly and unambiguously communicate conclusions and findings to experts and the general public;

- has developed competences for further self-education, is able to apply the acquired theoretical knowledge and practical skills in solving problems in the field of anthropology.

Course content:
Variability. Anthropological methods. Anthropological instruments. Craniometry. Osteometry. Sex estimation from scull. Sex estimation from postcranial skeleton. Stature estimation from long bones. Age estimation of skeletal remains. Biological age – bone age. Pathological and non-pathological changes of the skull – microcephaly, macrocephaly, hydrocephalus, craniostenosis. Facial reconstruction methods. Somatometry. Somatoscopy.

Recommended literature :
WHITE, T. D. et al.: Human Osteology. Elsevier. San Diego, United States, 2011.
REICHS, K.: Forensic Osteology. Charles C. Thomas. California, 1998.

Notes: -

Course evaluation:
Total number of students evaluated:

A	B	C	D	E	FX

Lecturers: RNDr. Jana Gaľová, PhD.; doc. RNDr. Eva Petrejčíková, PhD.

Date of last change: *22.4.2024*

Approved by: *prof. RNDr. Jarmila Bernasovská, PhD.*