

**SUBJECT/MODULE SYLLABUS\***

1.	Subject/module name Physical Anthropology
2.	Discipline archaeology
3.	Lecture language Polish
4.	The entity conducting subject Institute of Archaeology
5.	Subject/module code 22-AR-S1-02-AF
6.	Type of subject/module ( <i>obligatory or optional</i> ) obligatory
7.	Field of study (specialization)* archaeology
8.	Level of studies ( <i>1st degree*, 2nd degree*, long-cycle master's studies*, name of the Doctoral College*</i> ) 1st degree
9.	Year of studies ( <i>if applicable</i> ) 1st year
10.	Semester ( <i>winter or summer</i> ) winter
11.	Form of classes and number of hours (including number of hours of online classes*) Lecture 15 hours, seminar 15 hours
12.	Prerequisites in terms of knowledge, skills and social competences for the subject/module None
13.	Learning objectives for the subject  The science of human morphological variability in time and space and its conditions
14.	<p>Program content:</p> <p>Lecture:</p> <ol style="list-style-type: none"> <li>1. Basic characteristics of primates (analysis of morphological differentiation of primates – prosimians and apes);</li> <li>2. Man compared to primates (comparison of the <i>Homo sapiens</i> skeleton with the skeletons of other primates, with particular emphasis on apes - characteristics of the skull and postcranial skeleton);</li> <li>3. Human development - basic stages and their course, factors influencing development;</li> </ol>

	<p>4. Estimation of sex and age based on bone material - review of methods;</p> <p>5. Human morphological variability from an evolutionary perspective - features of the skulls of fossil human forms.</p> <p>Seminar:</p> <ol style="list-style-type: none"> <li>1. Types of human bones, bone structure; structure of the human skull and individual elements of the human skeleton (basic level)</li> <li>2. Selected metric and qualitative features of the human skull (basic measurements, indicators)</li> <li>3. Sexual dimorphism - based on the example of skeletal features (especially the pelvis)</li> <li>4. Application of sex and age estimation methods based on bone material (basic scope)</li> <li>5. The concept of developmental norm - assessment of biological age</li> <li>6. Somatometry - selected measurements and indicators (basic)</li> <li>7. Current perspective on the concept of race</li> </ol>		
	<table border="1"> <tr> <td data-bbox="264 1368 995 1877"> <p>Assumed learning outcomes</p> <p>Knows and understands the basic methods of analyzing various cultural products and their interpretations carried out on the basis of selected traditions, theories and research schools in archaeology</p> </td><td data-bbox="995 1368 1445 1877"> <p>Appropriate directional symbols</p> <p>learning outcomes</p> <p>K_W07</p> </td></tr> </table>	<p>Assumed learning outcomes</p> <p>Knows and understands the basic methods of analyzing various cultural products and their interpretations carried out on the basis of selected traditions, theories and research schools in archaeology</p>	<p>Appropriate directional symbols</p> <p>learning outcomes</p> <p>K_W07</p>
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	Knows and understands the basic concepts and principles of intellectual property and copyright protection	K_W08
	Has basic knowledge in the field of cultural heritage protection	K_W09
	Has basic knowledge enabling the analysis and interpretation of archaeological sources and other products of civilization, useful for learning about a given era in the history of mankind	K_W12
	Has basic knowledge of collecting, managing and processing archaeological source resources and using digital techniques for these purposes	K_W15
	Has basic knowledge of technical and documentation work during archaeological research and inventory and laboratory work	K_W16
	Is able to independently acquire knowledge and develop research skills, following the instructions of the research supervisor	K_U03
	Has the skills to conduct technical and documentation work during archaeological research and inventory and laboratory work	K_U11
	Has the ability to work in a team, solving simple problems in the field of archaeological research and presenting their results, using instructions and procedures developed for the team	K_U13

	<p>Is able to cooperate and work in a research team, including those conducting excavations and laboratory tests</p> <p>Is aware of the responsibility for preserving cultural heritage</p> <p>Demonstrates independence and independence in thinking, while understanding and respecting the right of other people to do the same</p>	<p>K_K02</p> <p>K_K05</p> <p>K_K07</p>
15.	<p>Required and recommended literature (sources, studies, textbooks, etc.)</p> <p>Malinowski A. 1994. Wstęp do antropologii i ekologii człowieka, Łódź: Wydawnictwo UŁ.</p> <p>Malinowski A., Bożilow W. 1997. Podstawy antropometrii. Metody, techniki, normy, Warszawa: PWN.</p> <p>Bochenek A., Raicher M. 1990. Anatomia człowieka, Warszawa: PZWL.</p> <p>Wolański N. 2005. Rozwój biologiczny człowieka, Warszawa: PWN.</p>	
16.	<p>Methods of verifying the assumed learning outcomes:</p> <ul style="list-style-type: none"> <li>- written test,</li> <li>- practical test of documentation skills</li> </ul>	
17.	<p>Conditions and form of passing individual components of the subject/module:</p> <p>lecture:</p> <ul style="list-style-type: none"> <li>- written test,</li> <li>- practical test of documentation skills</li> </ul>	
18.	Student/PhD student workload	
	the form of carrying out classes by the student*/doctoral student*	the number of hours allocated to carry out a given type of classes

	classes (according to the study plan) with the instructor:	
	- lecture:	15
	- seminar:	15
	student/doctoral student's own work (including participation in group work), e.g.:	
	- reading the indicated literature:	30
	- preparation of written work:	30
	- preparation for tests and the final exam:	30
	Total number of hours	120
	Number of ECTS points ( <i>if required</i> )	4

(T) – implemented in a traditional way

(O) – implemented online

\* remove unnecessary