Attatchment no. 4

SUBJECT/MODULE SYLLABUS*

1.	Subject/module name Traseology
2.	Discipline archaeology
3.	Lecture language Polish
4.	The entity conducting subject Institute of Archaeology
5.	Subject/module code AR-S1-02-T
6.	Type of subject/module *(obligatory or optional)* obligatory
7.	Field of study (specialization)* archaeology
8.	Level of studies *(1st degree*, 2nd degree*, long-cycle master's studies*, name of the Doctoral College*)* 1st degree
9.	Year of studies *(if applicable*) 1st year
10.	Semester *(winter or summer)* winter
11.	Form of classes and number of hours (including number of hours of online courses*) seminar 20 hours
12.	Prerequisites in terms of knowledge, skills and social competences for the subject/module in terms of knowledge: Knowledge of basic concepts and terminology used in archaeology and other humanities, especially history, cultural anthropology, selected natural sciences and earth sciences with which archaeology cooperates. Knowledge of basic research methods and tools of the archaeologist's workshop in terms of skills: Ability to recognise various types of cultural products relevant to the studied discipline and to conduct their critical analysis and interpretation using typical research methods to determine their content and meanings, including chronological and cultural affiliation
13.	Learning objectives for the subject: Acquiring knowledge about analytical methods of examining monuments and interpreting archaeological relics.
14.	Program content 1. Introduction. What is trace analysis? Definitions. 2. Use-wear analysis laboratory. - Types of microscopes, methods of observing samples. - Methods of preparing samples for observation. - Methods of recording and analysing research results. - Presentation of microscopes. 3. Archaeological experiments and ethnographic sources. - Comparative studies, ethnoarchaeology, experimental archaeology. - Principles of selecting ethnographic data. - Limitations on drawing from ethnographic sources and experimental data. 4. Use-wear analysis of stone artefacts. - Technological, utilitarian, and other traces - theory. - Practical part - analysis of a flint artefact and preparation of a report. 5. Use-wear analysis of bone artefacts. - Technological, functional and other traces - theory. - Practical part – analysis of a bone artefact and preparation of a report.

	7. Use-wear analysis of metal artefacts. - Research possibilities and raw material limitations. - Technological and functional traces and the effects of conservation. 8. Use-wear analysis of ceramic artefacts. - Research perspectives. - Technological and functional traces and residues.	
15.	Zakładane efekty uczenia się Knows and understands the basic methods of analysing various cultural products and their interpretations carried out based on selected traditions, theories and research schools in archaeology. Is able to recognise various types of cultural products relevant to the studied discipline and conduct their critical analysis and interpretation using typical research methods in order to determine their content and meanings, including chronological and cultural affiliation and function. Demonstrates independence in thinking, while understanding and respecting the rights of other people to do the same.	Symbole odpowiednich kierunkowych efektów uczenia się, *np.: K_W01*, K_U05,K_K03* K_W07 K_U05 K_K07
16.	Required and recommended literature (sources, studies, textbooks, etc.): 1. Korobkova G.F. 1999. Narzędzia w pradziejach. Podstawy badania funkcji metodą traseologiczną, Uniwersytet Mikołaja Kopernika w Toruniu, Toruń 2. Małecka-Kukawka J. 2001. Między formą a funkcją. Traseologia neolitycznych zabytków krzemiennych z ziemi chełmińskiej, Uniwersytet Mikołaja Kopernika w Toruniu, Toruń 3. Pyżewicz K. 2013. Inwentarze krzemienne społeczności mezolitycznych w zachodniej części Niżu Polskiego. Analiza funkcjonalna, Zielona Góra. 4. Nadal M. E., Roure E. C., 2004. Saw-toothed sickles and bone anvils: a medieval technique from Spain, Antiquity, Volume: 78, Number: 301, s. 637–646. 5. Mazzucco N. et al. 2022. Multiproxy study of 7500-year-old wooden…, Nature. Sci. Rep. 12, s. 1-16. 6. Zupancich A, Cristiani E. 2020. Functional analysis of sandstone…, Nature. Sci. Rep. 10, s. 1-13. 7. Luik, H. 2008. 'Could broken combs have had new lives?', Eesti Arheoloogia Ajakiri (Estonian Journal of Archaeology) 12 (2), 152-62. 8. Orłowska J., Osipowicz G. 2017. Optic observations on osseous uniserial harpoon heads, Quat. Int., s. 1-10. 9. O'Flaherty R., 2007. A weapon of choice – experiments with a replica Irish Early Bronze Age halberd, Antiquity 81, s. 423–434. 10. Sych D. 2024. Traseology of mtalwork…., Sprawozdania Archeologiczne 76(1), s. 99-121. (Referat) 11. Sych D. 2020. Ślady produkcji i użytkowania.., Górnośląskie Raporty Arch. 1m s. 101-109. 12. Sych D. 2017. Brązy pod mikroskopem, Archeologia Żywa 3(65), s. 24-27. 13. Forte V. 2022. Use activities, wear mechanism….., w: Pottery, Function and use, s. 13-35. 14. Gawron-Szymczyk A. 2022. Gaming pieces,..?, Studia Archaeol. Brunensia 27, s. 5-16. 15. Vieugue J. 2014. Use-wear analysis of prehistoric pottery, JAS 41, s. 622-630.	
17.	Methods of verifying the assumed learning outcomes: Analysis of the artefacts and preparation of an observation report, a presentation, and a semester test	
18.	Conditions and form of passing individual components of the subject/module: Assessment: active participation in classes, attendance, positive assessment of reports, paper and final test	

19.	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: - seminar:	20
	student/doctoral student's own work (including participation in group work), e.g.: - preparation for classes: - reading the indicated literature: - preparation of works/speeches/projects: - preparation for tests and exam:	 10 10 10
	Total number of hours	50
	Number of ECTS points (*if required*)	2

(T) – implemented in a traditional way
(O) – implemented online

* remove unnecessary