

1.	Course name: Paleoecology
2.	Course code conforms to USOS: 25-ZSP-S1-W-Pal
3.	University department: Faculty of Biological Sciences, Institute of Environmental Biology, Department of Paleozoology
4.	Course type: practices (30h)
5.	Degree: bachelor/master
6.	Semester: winter
7.	Number of hours: 30
8.	Name, Surname, academic title: Paweł Socha, PhD (pawel.socha@uwr.edu.pl)
9.	Course description/Content: Methods of reconstructing environments in the past. Adaptation of organisms: adaptation to environment and adaptation to mode of life. Application of paleoecology. How can we use taxonomic uniformitarianism in detecting or studying ancient environmental parameters? Taphonomy and trace fossils. How to use paleoecological research in the debate on global climate change.
10.	Recommended literature: Croft D. A., Su D., Simpson S.W. 2018. Methods in Paleoecology. Springer., Fernandez-Jalvo Y., Andrews P. 2016. Atlas of Taphonomic Identifications. Springer Selected papers and/or chapters given by teacher
11.	Form of credit: short essay on one of the selected topics, student's activity, work cards
12.	Language: English
13.	Number of ECTS: 4