



## Syllabus

**Term:** 2026/27/1      **Subject name:** Paleontology      **Subject code:** AFOTNAA1-1702

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**Unit (Unit code)**      Institute of Geography and Earth Sciences (FOLDRAJZ)

**Lecturer responsible for the course:** VALLNER Fanni

**Requirement:** Term mark

**Classes per week :** 0/2/0

**Classes per term:** 0/26/0

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### Purpose of education:

*The aim of the course is to train professionals who are able to distinguish the most important groups of fossils from each other, and know their taxonomy, paleoecological conditions, stratigraphic and geographical distribution, and paleontological significance. They are capable of defining the most important fossils at the genus level.*

### Contents:

*1st session – Introduction, basic concepts, description of midterm assignments*

*2nd session - Getting to know each type of fossil, the basics of systematics*

*3rd session - Paleobotany I - Cyanobacteria, Algae*

*4th session - Paleobotany II. – Ferns, Gymnosperms, Angiospermae*

*5th session - Protozoas*

*6th session – Cnidarians, Poríferas*

*7th session - Molluscs I., practice, consultation*

*8th session – midterm test*

*9th session - Molluscs II.*



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*10th session – Annelids, Arthropods, Tentaculatas, Echinoderms*

*11th session – Vertebrates I.*

*12th session - Vertebrates II., practice, consultation*

*13th session – midterm test*

### System of examining and valuation:

*During the semester, the students take two written test and an assignment to be submitted at the end of the semester. The mid-semester written test takes place in the 10th and 13th teaching weeks. During the test, definitions must be written and the randomly selected specimens must be defined at the genus level. In the task to be submitted, a drawing of the most important fossils of the collection must be made. The practical grade is obtained from the combined points of the two tests, as well as the points received for the submission.*

*55% is sufficient*

*65% – medium*

*75% - good*

*85% – outstanding*

### Bibliography:

*Benton, Michael J. & Harper, David A. T. (2015): Introduction to Paleobiology and the fossil record. - Wiley-Blackwell Publishing London, UK, 592p. ISBN 978-140-514-157-4*

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