

## Methods of microscopy in archaeology

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Department/Faculty	Dept. of Archaeology and Museology, Faculty of Arts	Field/ Keywords	microscopy, archaeological finds and samples, origin, function
Academic Level	all levels;		

### Course Description

The course is based on practical using of various types of microscope. It presents the range of microscopic methods used in archaeology to collect analytical measurable data from the archaeological finds.

### Lecture Topics

1. Theory - microscopy in archaeology. Methods, types of microscope, description and function of microscope devices.
2. Practice – operation of various types of microscopes
3. Theory - Immerse method in lithic raw-materials determination
4. Practice - Determination of raw-material of lithics using Immerse method
5. Theory - the Use-wear methods
6. Practice - Use-wear analysis of lithic chipped tools
7. Practice - Use-wear analysis of bone and antler tools
8. Practice – Use-wear analysis of metal tools and artefacts
9. Theory - Micrometric analysis of metal work decoration
10. Theory and Practice – Microscopy of ceramics using thin sections and polished sections

### Pre-Requisites

- no academic pre-requirements

