

# CERTIFICATE IN ARCHAEOLOGICAL SOIL MICROMORPHOLOGY AND PHYTOLITH ANALYSIS

Summer School - Université libre de Bruxelles

3-8  
August  
2020

## PRESENTATION

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The summer school builds on the unique expertise developed by the Research Centre in Archaeology and Heritage at the Université libre de Bruxelles combining micromorphology and phytolith analysis, shedding a new light on archaeological stratigraphy and the identification of human activity.

## LEARNING OUTCOMES

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The summer school aims to provide participants with the basic skills required for performing a comprehensive micromorphological study. They will learn:

- the basic principles of soil micromorphology, optical mineralogy and phytolith studies;
- how to perform microscopic observations on soil thin sections, describe soil thin sections and interpret their observations
- how to integrate their data within the larger framework of geoarchaeological studies.

## PROGRAMME

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The summer school is a one-week training programme in English including preparatory readings, high-quality lectures, intensive microscopy sessions and an on-site visit in the Brussels area.

It is divided into two courses:

1. Introduction to archaeological soil micromorphology:
  - General introduction to soil micromorphology: concepts and principles
  - Introduction to optical soil mineralogy
  - Application of soil micromorphology to archaeology
2. Introduction to phytolith analysis:
  - General introduction to phytolith studies: concepts and principles
  - Introduction to phytolith studies in archaeological soil thin sections
  - Application of phytolith analysis to archaeology

## TARGET AUDIENCE

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This programme is designed for graduate students, PhD students, researchers in archeology, history, art history, geology, agronomy, anthropology and for professionals in archaeology.

## COURSE LEADERS

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Yannick Devos, MARI, VUB

Luc Vrydaghs, MARI, VUB

Nadine Mattielli, Laboratoire G-TIME, ULB


## CREDITS

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Participants will receive 10 credits upon successful completion of the programme.



## PRACTICAL INFORMATION

 To apply, see our website [summerschool.ulb.be](https://summerschool.ulb.be). Applications will be reviewed on a rolling basis. Final deadline: 15 April 2020. Enrollment is limited to 15 participants.

 ULB, Brussels, Belgium

 Course fees: €500 (course & coffee breaks). Accommodation fee: €240.

 [summerschool@ulb.be](mailto:summerschool@ulb.be)  
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- “ The teaching methods are very good. I got a lot out of this course and it prepares me for further research. Excellent ! ”
- “ It is a full-immersion programme that in just one week gives you the essential tools to further study micromorphology and phytolith analysis. ”



Centre de Recherches  
en Archéologie  
et Patrimoine

