

cE3c Advanced Courses 2024/2025



Museum Techniques in the 21st Century

Taught by: Ricardo Jorge Lopes (CE3C, FCUL), Judite Alves (CE3C, MUHNAC), Pedro Andrade (MUHNAC) | **July 14 – 18 2025 @ FCUL**

Objectives:

This course aims to provide an updated vision of the potential of museum collections for biodiversity research. More specifically aims to:

- 1) present case studies on the value of museums and the use of collections and specimens in the 21st century, using new technologies and analytical methods. These include, among others:
 - a) discuss ‘whole specimen’ techniques;
 - b) consider how museum specimens provide genetic and genomic resources;
 - c) present non-genetic molecular methods (e.g., stable isotopes, toxicology and quantification of color);
 - d) understand the potential of the spatial and temporal data gathered along with the specimen, especially when made available in global repositories;
- 2) present the ways that ‘voucher specimens’ of vertebrates are prepared;

Deadline for applications: June 15, 2025

The course is free for a maximum of 10 1st year PhD students in Doctoral programmes at FCUL (e.g. Biology), Biodiversity, Genetics and Evolution (BIODIV UL, UP), Biology and Ecology of Global Changes (BEAG UL, UA) and Sustainability Science (UL). For information of fees for other participants see the programme details. See the PROGRAMME, how to apply and fees at:

<https://ce3c.ciencias.ulisboa.pt/training/ver.php?id=273>



Faculdade de Ciências da Universidade de Lisboa

