

CORSO DI DOTTORATO IN BIOLOGIA

Ph.D. COURSES

Offerta didattica esclusiva

2024/2025

EXPERIMENTAL AND SAMPLING STUDY DESIGN

Course coordinator: Fabio Bulleri (Università di Pisa)

Schedule: January 2025

Duration: 12 hours

Description: The course focuses on the design of studies and experiments in biology, a fundamental skill for young researchers in biological sciences

The course is hands-on based and students will be asked to write up and present their experiments

Prerequisites: None required.

Preliminary program: The hypothetico-deductive approach; Hypothesis testing; Correlative versus experimental studies; Procedures for selecting observational units; Common pitfalls and mistakes underpinning confounded studies; Retrospective and prospective studies; Cohort studies.