



## METADATA

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### Abstract

The Laboratory Guide is addressed to students taking the course in Physical Anthropology. The book is addressed not only to students in the Departments of Biology and Biosciences but also to students in other disciplines, such as Archaeology. The Guide is divided into four sections, each containing individual chapters which correspond to individual exercises. In the first chapter (Module A) the human skeleton is presented in detail and students learn to identify the parts of the skeleton, the individual bones with their anatomical characteristics and their anatomical position. In the second chapter, students learn to identify gender using skeletal characters, while in the next chapter, in addition to determining the age of individuals using skeletal features, students become familiar with the methodology of paleodemography. Chapter four deals with the study of musculoskeletal anamnesis as a means of drawing conclusions about the activity

levels of individuals and populations, while chapter five introduces students to the main diseases that can be identified in skeletal remains, and the conclusions that can be drawn from each of them about lifestyle and living levels in the past. The next two chapters (Module B) deal with the ways in which human diversity is approached, either in skeletons (Chapter Six) or in individuals (Chapter Seven); Chapter Eight (Module C) deals with the systematics and evolution of the arboreal primates and fossil forms of the australopithecines, while Chapter Nine deals with the systematics of Homo. The next two chapters are concerned with familiarising students with the use of molecular databases and their processing (chapter ten), while the final chapter is concerned with the study of evolutionary forces by simulation (chapter eleven). The last section includes appendices and individual data processing topics (statistical tests, etc.).

