UNIVERSIDADE DE LISBOA

Faculdade de Medicina Veterinária

Project and Scientific Communication

Curricular Year: 6th **Duration**: 1st Semester **Credits**: 1 ECTS

Teachers: Maria Isabel Ferreira Neto da Cunha Fonseca (CCP e R), Alexandre Leitão; Telmo Nunes.

Contact Hours:25Total.
Total: 8 h Lectures; Asynchronous e-learning;

Learning objectives:
This curricular unit is aimed at students in the process of completing the integrated master's degree in Veterinary Medicine, and intends to provide resources and tools that enable the development of personal skills of written and oral expression, with emphasis on the project of writing the master's thesis.
At the end of this curricular unit, students should be able to:
1.Know where to find the FMV specific rules for the formatting and writing of a master's thesis and recognize the importance of following them.
2.Use of bibliographic search tools, text editing, graphic composition, and other elements to support communication.
3.Identify the components of a master's thesis, the sequence in which they should be presented, and what contents should (or should not) be included in each component.
4.Outline a provisional research proposal to be carried out for the theme of their future master's thesis.

Program contents:
1. Methodologies for literature search and its organization: strategies and tools. Ethics in academic writing.
2. Presentation of technical and scientific papers. Most relevant types of publication. Anatomy of a research paper. Peer review. Recommendations on how (not) to write a scientific paper. Importance of the visual illustrations. Resources for oral presentations and posters.
3. Study design: review of the classification, advantages and disadvantages of the types of studies most commonly used. Basics of experimental design.
4. Data organization and analysis: strategies for preparing and organizing data for analysis. Brief review of the selection of statistical methods according to the available data and variables.
5. Structure of technical and scientific papers – emphasis on the master's thesis.
6. Writting technical and scientific documents: good practices – emphasis on the results section

Bibliography:

ICMJE. (2024). Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals. Updated January 2024. Acedido em Abril, 11, 2024, disponível em https://www.icmje.org/icmje-recommendations.pdf

Lang, T.A. and Secic, M. (2006). How to report statistics in medicine: annotated guidelines for authors, editors, and reviewers. 2nd ed. Philadelphia: American College of Physicians.

Malmfors, B., Garnsworthy, P. & Grossman, M. (2024). Writing and presenting scientific papers, 2nd edition. Notthingham University Press, Notthingham, UK.

Ruxton, G.D, & Colegrave, N. (2006). Experimental design for the life sciences, 2nd edition. Oxford University Press, Oxford, UK.

FMV. (2019). Normas de formatação e de redação de teses de doutoramento e dissertações de mestrado da FMV-ULisboa. https://www.fmv.ulisboa.pt/uploads/2020/12/5fd73e63a7498.pdf

Assessment:

The evaluation of the theoretical component will be carried out through an online exam via Moodle LMS with quick answer questions (short answer, multiple answers, true and false, text with spaces to fill in) whose grade will have a weight of 50% of the final grade. The final grade in this course will result from the arithmetic average between the grade obtained in the online test (where the student must pass) and the grade to be obtained later in the final presentation of the master's thesis.