

Curricular unit sheet

Master in Law and Legal Practice

Curricular unit

INTRODUCTION TO METHODOLOGY OF SCIENTIFIC RESEARCH I

Responsible Academic staff and respective workload in the curricular unit (enter full name)

Emílio **KAFFT KOSTA**

Other academic staff and respective workloads in the curricular unit

None.

learning objectives (knowledge, skills and competencies to be developed by the students)

The core of this *curriculum* unit lies in the introductory study of scientific research methodology that fundamentally applicable to the scientific area of this course. The aim is to render each student capable of: plan and develop a consistent and honest research project; researching and managing information within databases; assessing scientific literature; writing scientific texts; presenting research orally.

Syllabus

I

Introduction to Scientific Research Methodology; some Techniques

II

Ethics in scientific research

1. Ethics and axiological dimension
2. Error, plagiarism and self-plagiarism
3. Assessment of research and ethics
4. The ethically objectionable scientific conduct: the *How*, the *Causes* and the *Consequences*.

III

Research Path

- 1.1. Choosing the subject
- 1.2. Planning the research project (including, among other aspects, a research and writing calendar)
- 1.3. Delimiting the initial questions and providing temporary answers/theses
- 1.4. Surveying the existing literature and other kinds of data (*v.g.*, rules and case law)
 - 1.4.1. Producing reading notes
 - 1.4.2. Producing quotation notes
 - 1.4.3. Producing conceptual notes
- 1.5. Processing and assessing research data



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- 1.6. Writing a research report
- 1.7. Elaboration of an Internship Report
- 1.8. Writing a scientific article
- 1.9. Writing a monograph, thesis, or dissertation

IV

Techniques for writing and presenting scientific works

1. Graphic style and practical advice

- 1.1. Writing and its locks and unlocks.
- 1.2. Grammatical rigor
- 1.3. The print space
- 1.4. How to quote?
 - a) Footnote system
 - b) Author-date system
 - c) Recourse to abbreviations (*Cf.*; *Vide*; *Id.*; *Ibid*; *Op. cit.*; *Loc. cit*; *Apud*; etc.)
- 1.5. How to paraphrase?
- 1.6. How to cite, when data are missing in citation indicators?

2. Structure of theses, dissertations, scientific articles and other texts

- 2.1. General characteristics of types of scientific work
 - a) Theses
 - b) Dissertations
 - c) Scientific articles
 - d) *Papers*
 - e) Other texts
- 2.2. The pre-textual, textual and post-textual aspects

3. *Workshop* on:



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- Bibliographic Reference Norms (NP 405; APA);
- **Introduction to bibliographic managers (of citations and bibliographic references).**

V

Simulations, in class, concerning: the planning of a research project; the management of a research project.

Demonstration of the syllabus coherence with the curricular unit's objectives.

As a condition for success in this CU, each student must demonstrate the ability to: plan and develop a research project autonomously; master specific scientific research methods; research and manage information within a database; write scientific texts; present research orally.

Teaching methodologies (including evaluation)

1. The teaching process is based in theoretical-practical seminars held by the teacher in charge of the course, according to the following academic and evaluation methodology: a theoretical exposition delivered by the teacher; literature research; practical assignments related to the aims and learning results included in the unit's syllabus; presentation of the work carried out by the students; interaction between students and teacher through the online platform used by the University of Lisbon.
2. The evaluation will focus on a research report written and presented by each student.

Demonstration of the coherence between the teaching methodologies and the learning objectives

The learning methodology followed in this CU is directed at an understanding – both theoretical and practical – of the importance of the Methodology for Scientific Research in the writing of a serious and meaningful work of Law. Each student should be capable of employing the technical tools he or she has acquired in the research, writing and presentation of any technical-judicial work.

Furthermore, the master project to be developed by each student is expected to gain in solidity, seriousness and depth due to the tools developed in this CU.

Main Bibliography

- Quivy, Raymond / Campenhoudt, Luc Van, Manual de Investigação em Ciências Sociais, Lisboa, Gradiva, 1992.
- Fortin, Marie-Fabienne, Fundamentos e Etapas do Processo de Investigação, Loures, Lusodidacta, 2009.
- Eco, Humberto, Como se Faz uma Tese em Ciências Humanas, 5.^a edição, Lisboa, Editorial Presença, 1991.
- Neves, Pedro / Guerra, Rita, Teses em Ciências Sociais –Dicas muito práticas, Lisboa, Edições Sílabo, 2015.
- Pereira, Alexandre / Poupa, Carlos, Como Escrever uma Tese, Monografia ou Livro Científico Usando o Word, Lisboa, Edições Sílabo, 2003.
- Pereira, Alexandre / Poupa, Carlos, Como Apresentar em Público Teses, Relatórios, Comunicações Usando o PowerPoint, Lisboa, Edições Sílabo, 2004.
- Oliveira, Luis Adriano, Ética em Investigação Científica – Guia de boas práticas com estudos de caso, Lisboa, Lidel, 2013.

NOTE: this map can be filled in as many times as necessary to describe the different curricular units.