



FACULDADE DE DIREITO
Universidade de Lisboa

Curricular unit sheet

Doctorate in Law

Curricular unit

METHODOLOGY FOR ADVANCED SCIENTIFIC RESEARCH [curricular unit shared by the specialization courses in Juridical-Political Sciences and Juridical-International and European Sciences]

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 outcomes of the curricular unit

The main focus of this curricular unit is the study of methodology for scientific research, with a special emphasis on the scientific field of the present course. The aim is to render each student capable of: mastering specific methods of scientific research; researching and managing information within databases; assessing scientific literature; writing scientific texts; presenting research orally.

Syllabus

I

Methodology for scientific research – scientific theory paradigms

1. Theoretical framework of the methodology for scientific research. Applied epistemology

II

Ethics in scientific research

III

Research Types

1. The various methods for attaining scientific knowledge
2. The optimization of research through New Information and Communication Technologies

IV

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



FACULDADE DE DIREITO
Universidade de Lisboa

1.4. Surveying the existing literature and other kinds of data

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

1.6. Writing a research report

1.7. Writing a scientific article

1.8. Writing a monograph, thesis or dissertation

V

Research techniques [non-empirical; scientific-positivist; interpretivist; interpretive-positivist; secondary]

VI

Techniques for writing and presenting scientific works:

- Graphic style;
- Structure of a thesis;
- Bibliographic Reference Norms (NP 405; APA);
- The typographical problem (typographic, spell and syntactic verification);
- Guide to support a presentation (graphic and visual aspects, software).

VII

A workshop on: Bibliographic Managers (of citations and bibliographical references) - in particular EndNote;

Database managers, from digital platforms provided by the Library of the Law Faculty of the University of Lisbon.

VIII

Group simulations, in class, concerning: the planning of a research project; the management of a research project



FACULDADE DE DIREITO
Universidade de Lisboa

IX

Techniques for writing and presenting scientific works

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 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 outcomes

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 doctoral 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.
- Silvestre, H. Consciência / Araújo, J. Filipe,
Metodologia para a Investigação Científica, Lisboa, Escolar Editora, 2012.
- Echeverría, Javier,
Introdução à Metodologia da Ciência, Coimbra, Almedina, 2003.
- 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 / Poupá, Carlos,
Como Escrever uma Tese, Monografia ou Livro Científico Usando o Word, Lisboa, Edições Sílabo, 2003.
- Pereira, Alexandre / Poupá, 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.