

## 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 From a perspective of deepening and problematization of the contents given in IMIC I and IMIC II) 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. Legal Methodology versus Methodology of Scientific Investigation in Law: Territories, borders and intersections
2. Theoretical framework of the methodology for scientific research. Applied epistemology
3. What scientific research methodology for the legal area?

### II

#### Ethics in scientific research

- 1.
- 1.1.
- 1.2.
- 1.3.
- 1.4.
- 1.5.



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2.

### III

#### Research Types

1. The various methods for attaining scientific knowledge
  - 1.1. The inductive method
  - 1.2. The deductive method
  - 1.3. The dialectical method
2. The comparative method
3. The optimization of research through New Information and Communication Technologies

### IV

#### Research Path

1. Choosing the subject
2. Planning the research project (including, among other aspects, a research and writing calendar)
3. Delimiting the initial questions and providing temporary answers/theses
4. Surveying the existing literature and other kinds of data
5. Producing reading notes
6. Producing quotation notes
7. Producing conceptual notes
8. Processing and assessing research data
9. Writing a research report
10. Writing a scientific article
11. Writing a monograph, thesis or dissertation

### V

**Research techniques [non-empirical; scientific-positivist; interpretivist; interpretive-positivist; secondary] : The place of scientific research in Law**



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1. Explanations
2. Substantive and methodological aspects that can scientifically enhance a legal work

## VI

Techniques for writing and presenting scientific works:

1. Graphic style;
2. Structure of a thesis;
3. Bibliographic Reference Norms (NP 405; APA; ISO 690; ABNT);
  - 3.1. Exercises for the application of Portuguese Standard No. 405
    - a) Citation patterns in text
    - b) Bibliographic references standards for "printed documents"
    - c) Bibliographic reference standards for materials that are not books
    - d) Bibliographic references standards for "unpublished documents"
    - e) Bibliographic references standards for "electronic documents"
    - f) Normative, jurisprudential referencing, etc.
4. The typographical, spelling, and syntactic review
5. Thesis presentation and defense strategies.

## 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

## IX

**Workload, attendance and evaluation method**



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1. The discipline has 2 hours of classes per fortnight and 1 hour of attendance per fortnight, upon student's request. The request must be made at least 48 hours in advance. The service will preferably be via ZOOM platform.
2. The evaluation method is available on the discipline's moodle page and is explained in the first sessions.

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-juridical 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

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