UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
Psychological Methods

Academic Year 2023/2024

1. Organic Unit

Institute of Psychology and Educational Sciences

2. Course

PSYCHOLOGY

3. Cycle

1st

4. Course Unit

Psychological Methods (20304)

5. Scientific Area

6. Curricular Year

1st

7. Type of Curricular Unit / Semester

2nd Semester

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8. Class type and workload (work time)

Theoretical classes:	
Practical classes:	
Theoretical-Practical Classes	30,00
Tutorial Guidance:	20,00

9. ECTS Credits

6,00

10. Scientific Area Coordinator

11. Regent

Prof. Doutora TERESA PAULA RODRIGUES DE OLIVEIRA LEITE MAURER

12. Assistants

13. Teaching Language

Portuguese

14. General Objectives

To make known the scientific method and its components.
To make known the methods of investigation and acquisition of knowledge that characterize Psychology as a science.
To build a first approach to scientific research in Psychology

15. Specific Objectives

To make known the general characteristics of the scientific method and the process of a scientific investigation in psychology;
To make known the concepts of variable, research question, hypothesis, sample, population, design and data analysis;
To promote basic knowledge about descriptive, qualitative and quantitative research methods;
To inform about the central aspects of the designing and organization of a scientific research project in Psychology.

16. Skills to be acquired

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Basic knowledge of the research methods used in Psychology;
Know the components and phases of conducting a scientific study;
Research information, within the scope of scientific knowledge, about a given problem/issue to be studied;
Ability to query databases;
Analyze and extract information from scientific publications;
Develop basic knowledge of the process of planning and implementing an investigation.

17. Teaching Methodology

- Oral epresentation of contents;
- Case analysis;
- Analysis of scientific articles;
- Practical work of designing a scientific study

18. Course Unit Program

1. Psychology as a human science and its research methods;
2. Scientific knowledge and common sense in Psychology;
3. the scientific method and its characteristics;
4. Nomenclature and essential elements of the scientific method:
- problem, variables, sample, hypotheses, explanation
- validity, fidelity, replicability and generability
5. The stages of an investigation
- definition of the problem
- literature review
- hypothesis formulation
- sample definition
- study design
- data collection
- data processing and analysis
- results and discussion
6. Data collection techniques
7. Métodos quantitativos de investigação
O design experimental
8. Métodos qualitativos de investigação
9. Considerações éticas na investigação em Psicologia

19. Assessment Methods

- Attendance and participation in classes
- Two midterm written tests
- Individual tasks of research, analysis and construction of research project

20. Didactic Resources

- Power-Point presentation used in classes
- Bibliographic material in the Mediatheque of the Lusíada University
- Databases of scientific articles, contained in the sites B-ON, EBSCOhost (PsycArticles and Eric)

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21. Sustainability Objectives

Quality education
Industry, innovation and infrastructures

22. Keywords

Research methods
Scientific, experimental and non-experimental method
Chance
Variables

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23. Main Bibliography

Author(s):	Sampieri, R., Collado, C., & Lucio, M.		
Title:	Metodologia da investigação em psicologia e educação		
Edition:	5ª	Year:	2013
Local:	Porto Alegre		
Publisher:	Penso- McGraw-Hill		

Author(s):	D. Howitt & D. Cramer		
Title:	Introduction to research methods in psychology		
Edition:	5ª	Year:	2016
Local:	Harlow, UK		
Publisher:	Pearson		

Author(s):	R. Jhangiani, I-Chant A. Chang, C. Cottler e D. Leighton		
Title:	Research methods in psychology		
Edition:	4ª	Year:	2019
Local:	British Columbia, Canada		
Publisher:	Publicação independente		

24. Complementary Bibliography

Author(s):	Pais Ribeiro, J.L.		
Title:	Investigação e avaliação em psicologia e saúde		
Edition:	2ª	Year:	2010
Local:	Lisboa		
Publisher:	Placebo Editora		

Author(s):	John Creswell		
Title:	Educational research: planning, conducting and evaluating qualitative and quantitative research		
Edition:	4ª	Year:	2012
Local:	Boston		
Publisher:	Pearson Editors		

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Ficha técnica MIP / MIP Datasheet	
Título / Title	Course Unit Program 'MÉTODOS PSICOLÓGICOS': Academic Year 2023/2024
Autor / Author	Prof. Doutora TERESA PAULA RODRIGUES DE OLIVEIRA LEITE MAURER
Classificação / Classification	-
Descritores / Descriptors	-
Colaborador(es) / Colaborator(s)	-
Data Hora / Date Time	
Formato de dados / Data Format	Texto / Text, PDF
Estatuto de utilização / Usage	Acesso público / Public Access
Relação / Relation	Version 1,0

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