UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
Analysis Techniques Applied to Social Work

Academic Year 2024/2025

1. Organic Unit

Higher Institute of Social Work

2. Course

SOCIAL WORK

3. Cycle

1st

4. Course Unit

Analysis Techniques Applied to Social Work (L4517)

5. Scientific Area

6. Curricular Year

2nd

7. Type of Curricular Unit / Semester

2nd Semester

FUNDAÇÃO MINERVA CULTURA - ENSINO E INVESTIGAÇÃO CIENTÍFICA

Rua da Junqueira, 188 a 198 - 1349-001 LISBOA - Telefone 213 611 500 - Fax 213 638 307 - e-mail: info@lis.ulusiada.pt - https://www.lis.ulusiada.pt

8. Class type and workload (work time)

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

9. ECTS Credits

6,00

10. Scientific Area Coordinator

11. Regent

Prof. Doutor MICHEL GUSTAVE JOSEPH BINET

12. Assistants

Prof. Doutora CLAÚDIA MARIA SERPA GARCIA

13. Teaching Language

Portuguese

14. General Objectives

To enable students for the informed selection and application of analysis techniques aligned with research guidelines (qualitative or quantitative) and the theoretical frameworks of research projects in Social Work and related areas.

15. Specific Objectives

-Understand and be able to differentiate quantitative and qualitative methods in terms of sampling and analytical approaches.

-Learn to adjust and articulate data generation methods and analysis methods.

-Know how to use computer software that assists in the analysis of quantitative and qualitative data, such as SPSS and MaxQDA.

-Be able to properly analyze and interpret the data collected and processed.

16. Skills to be acquired

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-Know how to use qualitative data analysis software (MaxQDA) to develop qualitative and mixed analyses.

-Be able to transcribe an interview, in accordance with defined analytical objectives.

-Acquire a basic knowledge of the multiplicity of analytical approaches, in the field of Content Analysis.

-Be able to build a data matrix in SPSS

-Know how to perform univariate and bivariate statistical analyzes with the help of SPSS.

-Know how to interpret analytical results.

17. Teaching Methodology

-Expository methodology, reinforced by application exercises, which enable students to use of data analysis softwares.

-Individual research report.

18. Course Unit Program

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1. Introduction
1.1 - Science of science: methodology as an area of study
- Methodography and design of data analysis software
1.2 - The importance of data analysis in Research in Social Sciences and Social Work
1.3 - Review of different research methodologies
1.4 - Data generation methods (questionnaires, interviews, focus groups, field observations, visual ethnography, audio or video recording corpora, documentary study, netnographic data capture, etc.) and analysis methods: complex operational chains

2 - Qualitative methods
2.1 - Review of qualitative data generation methods, focusing on their diversity
2.2 - Sample v/s Corpus
2.3 - Review of various interview methods
2.4 - Transcription and analysis: "data" as theoretical-methodological artifacts
2.5 - Content analysis techniques
- Principles and modus operandi: general presentation
- Data corpus
- Computer-assisted content analysis
- The stages of organizing the analysis
- The coding process
- Categorization
2.6. Interpretation and presentation of results

3 - Quantitative methods
3.1 - Sampling techniques
3.2 - Review of the questionnaire technique
3.3 - Construction of data matrices in SPSS - Construction of variables and preparation of synthetic indices and other basic processing procedures
3.4 - Univariate analysis
- Frequency analysis
- Measures of central tendency
- Dispersion measures
3.5 - Bivariate analysis
- Comparative measures: Parametric and non-parametric tests
- Association measures
- Pearson and Spearman linear correlation
- Simple regression analysis
3.6 - Interpretation of statistical data and presentation of data (graphic representation)

4 - By way of conclusion: Taking into account the subject in the investigation (Buznic-Bourgeacq, 2020)

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19. Assessment Methods

Submission of two individual written works, corresponding to parts of the final individual research report.

20. Didactic Resources

Computer;
Projector;
Documentation and bibliography recommended by teachers ;
Bibliographic databases (Zotero) ;
Softwares (MaxQDA & SPSS).

21. Sustainability Objectives

SGD 4 - Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
SDG 8 - Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
SGD 17 - Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

22. Keywords

Content Analysis
Data Analysis
Research methods

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23. Main Bibliography

Author(s):	Uwe Flick		
Title:	The SAGE Handbook of Qualitative Data Analysis		
Edition:		Year:	2014
Local:	Los Angeles / London		
Publisher:	SAGE		

Author(s):	Norman Blaikie		
Title:	Analyzing Quantitative Data : From Description to Explanation		
Edition:	1.ª Edição	Year:	2003
Local:	London		
Publisher:	SAGE		

Author(s):	Klaus Krippendorff		
Title:	Content Analysis : An Introduction to its Methodology		
Edition:	2.ª Edição	Year:	2004
Local:	London		
Publisher:	SAGE		

24. Complementary Bibliography

Author(s):	Johnny Saldaña		
Title:	The Coding Manual for Qualitative Researchers		
Edition:	1ª Edição	Year:	2009
Local:	Los Angeles / London		
Publisher:	SAGE		

Author(s):	Raul M. S. Laureano e Maria do Carmo Botelho		
Title:	SPSS Statistics : O Meu Manual de Consulta Rápida		
Edition:	3ª Edição	Year:	2023
Local:	Lisboa		
Publisher:	Sílabo		

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Ficha técnica MIP / MIP Datasheet	
Título / Title	Course Unit Program 'TÉCNICAS DE ANÁLISE APLICADAS AO SERVIÇO SOCIAL': Academic Year 2024/2025
Autor / Author	Prof. Doutor MICHEL GUSTAVE JOSEPH BINET
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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-Be able to build a data matrix in SPSS

-Know how to perform univariate and bivariate statistical analyzes with the help of SPSS.

-Know how to interpret analytical results.

17. Teaching Methodology

-Expository methodology, reinforced by application exercises, which enable students to use of data analysis software.

-Group works.

18. Course Unit Program

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19. Assessment Methods

Two written assignments.

20. Didactic Resources

Computer;
Projector;
Powerpoint presentations;
Softwares (MaxQDA & SPSS)

21. Sustainability Objectives

SGD 4 - Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
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Author(s):	Raul M. S. Laureano e Maria do Carmo Botelho		
Title:	SPSS Statistics : O Meu Manual de Consulta Rápida		
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Local:	Lisboa		
Publisher:	Sílabo		

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Descritores / Descriptors	-
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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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