UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
Research Methods and Techniques in Design

Academic Year 2023/2024

1. Organic Unit

Faculty of Architecture and Arts

2. Course

DESIGN

3. Cycle

2nd

4. Course Unit

Research Methods and Techniques in Design (M4308)

5. Scientific Area

6. Curricular Year

2nd

7. Type of Curricular Unit / Semester

1st Semester

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8. Class type and workload (work time)

Theoretical classes:	
Practical classes:	
Theoretical-Practical Classes	30,00
Tutorial Guidance:	5,00

9. ECTS Credits

7,50

10. Scientific Area Coordinator

11. Regent

Prof. Doutor RUI HUMBERTO DE MATOS DIAS

12. Assistants

13. Teaching Language

Portuguese

14. General Objectives

Define a master's-oriented research methodology in Design.
Select and apply proper research methods.
Outline, structure and develop a master's research.

15. Specific Objectives

Organize a master's research document and start writing it.
Apply standard(s) of bibliographic referencing.
Apply bibliographic referencing software.

16. Skills to be acquired

Develop skills for defining and applying a research methodology, as well as the respective methods involved.
Develop skills for structuring and developing a master's research.

17. Teaching Methodology

Presentation sessions on program contents.
Case study analysis, comment and discussion sessions.
Tutorial guidance on questioning, outlining, structuring and developing the research.

18. Course Unit Program

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Research methodology oriented towards a master's degree in Design.
Mixed methodology: mixed nature of research in Design.
Qualitative and quantitative methods.
Interventionist and non-interventionist methods.
Outlining a master's research in Design:
Inquiring, research questions, objectives, argument;
Methodology, research diagram.
Structuring the master's research document.
Writing criteria.
Standards for bibliographic referencing.
Software for bibliographic referencing.

19. Assessment Methods

Consideration of progress in the elaboration of a document outlining, structuring and starting the master's research - document to be evaluated in the Exam of the course.
Consideration of students participation and commitment, as well as attendance, punctuality and compliance with schedules.

20. Didactic Resources

Classroom available resources for teaching and learning: computer, projector, blackboard.
Available resources for online teaching and learning (e-learning): computer connection to the Internet, camera, e-learning platform (Teams).
Selected bibliography.

21. Sustainability Objectives

Although the aim of teaching this course and of the master's degree is to fulfill goal 4 of SDG defined by the UN, quality education, the foundational basis of the UL-Lisbon Design courses is the belief that Design is a tool for the sustainable promotion of society in its ethical, social and ecological aspects. Therefore, one of the global objectives of Design teaching at ULL is to alert students to the importance of their future as designers so that it fulfils all the 17 SDG defined by the UN.

22. Keywords

Design
Master's degree
Research methodology
Research methods
Writing

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23. Main Bibliography

Author(s):	Dawson, Catherine		
Title:	Introduction to Research Methods		
Edition:	4ª	Year:	2009
Local:	Begbroke, Oxford		
Publisher:	How To Books		

Author(s):	Kumar, Ranjit		
Title:	Research Methodology: A Step-by-step Guide for Beginners		
Edition:	4ª	Year:	2014
Local:	London		
Publisher:	Sage		

Author(s):	Thomas, Gary		
Title:	How to Do Your Research Project: A Guide for Students		
Edition:	3ª	Year:	2017
Local:	London		
Publisher:	Sage		

24. Complementary Bibliography

Author(s):	Allison, Brian; Race, Phil		
Title:	The Student's Guide to Preparing Dissertations and Theses		
Edition:	2ª	Year:	2004
Local:	London		
Publisher:	Routledge		

Author(s):	Williams, Kate; Davis, Mary		
Title:	Referencing and Understanding Plagiarism		
Edition:	2ª	Year:	2017
Local:	London		
Publisher:	Palgrave		

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Ficha técnica MIP / MIP Datasheet	
Título / Title	Course Unit Program 'METODOLOGIAS E TÉCNICAS DE INVESTIGAÇÃO EM DESIGN': Academic Year 2023/2024
Autor / Author	Prof. Doutor RUI HUMBERTO DE MATOS DIAS
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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Research Methods and Techniques in Design

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3. Cycle

2nd

4. Course Unit

Research Methods and Techniques in Design (M4308)

5. Scientific Area

6. Curricular Year

2nd

7. Type of Curricular Unit / Semester

1st Semester

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8. Class type and workload (work time)

Theoretical classes:	
Practical classes:	
Theoretical-Practical Classes	30,00
Tutorial Guidance:	5,00

9. ECTS Credits

7,50

10. Scientific Area Coordinator

11. Regent

Prof. Doutor PEDRO JOSÉ GENTIL- HOMEM CORREIA DA SILVA

12. Assistants

13. Teaching Language

Portuguese

14. General Objectives

Define a master's-oriented research methodology in design.
Select and apply suitable research methods.
to outline, structure and develop a master's research.

15. Specific Objectives

Organize a master's research thesis and start writing it.
Apply standard(s) of bibliographic referencing.
Use bibliographic referencing software.

16. Skills to be acquired

Develop skills in terms of defining and applying a methodology for research, as well as the respective methods involved.
Develop skills in terms of designing, structuring and developing a master thesis.

17. Teaching Methodology

Syllabus contents sessions .
Visualization, analysis, comment and case discussion.
Follow-up and tutorial sessions on problematization, design, structuring and development of a master thesis.

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18. Course Unit Program

Research methodology towards a master's degree in design.
Mixed methodology: predominantly mixed design research methods.
Qualitative and quantitative methods.
Interventionist and non-interventionist methods.
Outline of a master's research in design:
Problem, research questions, objectives, argument;
Methodology, research diagrams.
Structuring of the master's document in design.
Writing criteria.
Norm(s) for bibliographic referencing.
Software for bibliographic referencing.

19. Assessment Methods

Progress on the preparation, structuring and starting the development of the master's thesis - to be evaluated on the Exam date.
Participation and commitment of master's students, as well as their attendance, punctuality and compliance with schedules.

20. Didactic Resources

Available resources for teaching and learning in a classroom: computer,
projection and blackboard.
Resources available for online teaching and learning (e-learning):
Internet and e-learning platforms.
Selected bibliography.

21. Sustainability Objectives

Although the aim of teaching this course and of the degree is to fulfil goal n.4 - quality education - the foundational basis of the UL-Lisbon Design courses is the belief that Design is a tool for the sustainable promotion of society in its ethical, social and ecological aspects. Therefore, one of the global objectives of Design teaching at UL-Lisbon is to alert students to the importance of their future as Designers so that it fulfils ALL the 17 SDG defined by the UN.

22. Keywords

Design
Master's degree
Research methodology
Research methods
Writing skills

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