UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
Inclusive Design

Academic Year 2024/2025

1. Organic Unit

Faculty of Architecture and Arts

2. Course

Architecture

3. Cycle

1st

4. Course Unit

Inclusive Design (01326)

5. Scientific Area

6. Curricular Year

3rd

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:	

9. ECTS Credits

2,00

10. Scientific Area Coordinator

Profª Doutora Arqtª CRISTINA MARIA DOS SANTOS NUNES PIRES CARAMELO GOMES

11. Regent

12. Assistants

13. Teaching Language

Portuguese

14. General Objectives

The objective of the curricular unit is to make the student aware of the importance of Inclusive Design, for architectural professionals, and for today's society, so that it is understood in a careful and structured way, in order to define a solid critical base, and fundamentally a tool for theoretical and practical use in understanding the world around us.
It should be noted that Inclusive Design is a multidisciplinary and multicultural study, bringing ethical, social, and cultural values.

15. Specific Objectives

Provide the necessary information for Architect training so that he can intervene consciously and responsibly in the Architectural Projects in which he participates, by complying with current legislation and above all with creativity applied to flexible solutions based on user-centered models.
Facilitate communication with different interlocutors in order to promote - through the built environment - the inclusion of human heterogeneity regardless of its cause.

16. Skills to be acquired

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Knowledge of anthropometric/ergonomic concepts and usability for specific users.
Understanding and critical analysis of the importance of defining the characteristics of spaces and constructive details according to the function and the different users of the interior and/or exterior space.
Recognition of reaction or intimidation in human behavior caused by the impact of spatial characteristics based on their physical, functional, and psychological characteristics.

17. Teaching Methodology

Classes will address different examples, motivating the capacity for analysis and subsequent debate of the issues presented.
Analysis of project solutions and theoretical development presented by research centers specialized in these themes.
Development of practical work allowing knowledge of the relationship between theory and practice.

18. Course Unit Program

- Inclusive Design as a multidisciplinary and multicultural paradigm.
- Inclusive Design as a praxis of ethical, social, and cultural values.
- Social sustainability as a cause and following respect for difference.
- The city of 15 minutes as a possibility of humanization of urban space.
- Characterization of the functional/behavioral requirements of a population: the denial of the standard individual.
- Design, as a conceptual process, as a form of inclusion and/or exclusion.
- User-centered design as a driver of social sustainability.
- Raising awareness of the physical and psychological impact of the layout presented by a given space and the consequent reactions and/or inhibitions of its users.
- Raising awareness of architectural barriers as solutions to social exclusion.
- Application of theoretical concepts and Decree-Law 163/06.

19. Assessment Methods

The evaluation will be based on attendance, participation, and commitment in the debates made during the privileged contact by the classroom space, in the execution and presentation of works of application of knowledge.
The assignments requested, as well as the written tests in compliance with the evaluation regulations of Universidade Lusíada, are the subject of a specific statement, following the most appropriate methodology for the objective to be achieved and duly scheduled.

20. Didactic Resources

Referenced bibliographical elements.
Databases available in the Media Library.
Computer equipment, HW(PC), and SW (power point) for presentation of classes and student work.

21. Sustainability Objectives

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Good health and well-being
Quality education
Decent work and economic growth
Reduced inequality
Sustainable cities and communities
Climate action
Partnerships to achieve the goal

22. Keywords

Inclusive design
User-centered design
Social sustainability
User experience
Innovation

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23. Main Bibliography

Author(s):	Eikhaug, O. & Høisæther, V. & Støren Berg, M.		
Title:	Innovating with People - Inclusive Design and Architecture		
Edition:	1ª Ed.	Year:	2019
Local:			
Publisher:	Design and Architecture Norway		

Author(s):	GOLGHAGEN, Sarah		
Title:	How the Built Environment Shapes our Lives		
Edition:	1ª Ed.	Year:	2017
Local:	New York		
Publisher:	Harper		

Author(s):	Lupton, E. & Lipps, A.		
Title:	The Senses: Design Beyond Vision (design book exploring inclusive and multisensory design practices		
Edition:	1ª Ed.	Year:	2018
Local:	New York		
Publisher:	Princeton Architectural Press		

24. Complementary Bibliography

Author(s):	KOPEC, Dak		
Title:	Health and Wellbeing for Interior Architecture		
Edition:	1ª Ed.	Year:	2012
Local:			
Publisher:	Routledge		

Author(s):	BOTCHWEY, Nisha & DANNENBERG, Andrew L. & FRUMKIN, Howard		
Title:	Making Healthy Places, Second Edition: Designing and Building for Well-Being, Equity, and Sustainabi		
Edition:	2nd Ed.	Year:	2022
Local:	Nova Iorque		
Publisher:	Island Press		

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Ficha técnica MIP / MIP Datasheet	
Título / Title	Course Unit Program 'DESIGN INCLUSIVO': Academic Year 2024/2025
Autor / Author	Profª Doutora Arqtª CRISTINA MARIA DOS SANTOS NUNES PIRES CARAMELO GOMES
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