UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
Physical Geography

Academic Year 2026/2027

1. Organic Unit

Faculty of Architecture and Arts

2. Course

Architecture

3. Cycle

1st

4. Course Unit

Physical Geography (01332)

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

Prof. Doutor Arq. MÁRIO JOÃO ALVES CHAVES

11. Regent

12. Assistants

13. Teaching Language

Portuguese

14. General Objectives

The discipline of Integrated Physical Geography, in the scientific area of Social Sciences and Humanities, aims to integrate knowledge of the various dimensions of geography, playing a vital role in the definition of the World; It aims to understand the vectors that contribute and contribute to social, economic and cultural progress, which are sustainable and adaptable to the needs of societies and citizens, in the consolidation of communities but also in the understanding of evolving situations

15. Specific Objectives

Architecture, as a discipline of the world, is deeply interconnected with various dimensions of geography, physical, urban, social, semi-rural and economic. These relationships are essential for the creation of built environments that respond adequately to the needs and the artificial context, in which physical geography involves the study of the environment and architecture understands these factors as crucial to optimize the dynamics between the built and the natural, the social, the economic,

16. Skills to be acquired

Architects must integrate the various skills of the various valences of geography, in order to create projects that meet the programmatic needs of functional and aesthetic needs and requirements, but promote and know how to take advantage of sustainability, economic development, social inclusion, the valorization of society as a whole, understanding the values of urban culture, semi-rural and rural, work, leisure, tourism and urban, labor and personal mobility.

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17. Teaching Methodology

The learning of the components of geography to architecture students requires an approach that demonstrates the relevance and application of the vectors that contribute to the creation of environments and action and interaction of citizens, with reflection on the integrated circuit of interdisciplinarity of the environment. in an interactive and integrative GEO assessment in the impactful action of architecture on the environment

18. Course Unit Program

Understanding in Geo Physics, climate and meteorology, topography and geomorphology, hydrography, ecosystems and vegetation, in Geo Urban, planning, infrastructures and services, density and land use, the dynamics of public spaces, in Geo Social, social dynamics, culture and identity, modes of community participation, in Geo Economic, development and economic sustainability, resource planning and financial accessibility, in the semi-rural Geo, the local identity and sustainability

19. Assessment Methods

All the assessment systematization for the course is shown, validated, and approved in the Supplementary Regulation for the assessment of knowledge and skills, approved by the Pedagogical Council on 06/18/2023, as well as in the Continuous Assessment Plan. The 2026/2027 school year was submitted to the Architecture Office on 07/17/2026, and was appropriately displayed and presented to the students.

20. Didactic Resources

Architecture students should be able to develop a practical understanding of how geography influences acts of urbanism and architecture, integrating examples that contribute to the politics of collective happiness value decisions through context analysis, research, collaborative work, comparative studies, in the triangulation of sustainable, socially inclusive, economically viable and architecturally unique environments

21. Sustainability Objectives

sustainability, will result in projects that not only meet the immediate needs of cities and societies, that anticipate a more integrative, sustainable and equitable future, involving sustainable and equitable, careful and holistic planning, that considers the environment and the economy, ensuring that urban solutions are resilient, efficient and inclusive, promoting social cohesion, recycling and preserving natural resources.

22. Keywords

transformation
Recognitions
aggregation
sustainability
participation
ESG / environment

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23. Main Bibliography

Author(s): DIETER PRINZ
Title: URBANISMO I II - CONFIGURAÇÁO URBANO
Edition: 2 LIVROS Year: 1980
Local: LISBOA
Publisher: EDITORIAL PRESENÇA
ISBN Code:

Author(s): JOSEP MARIA MONTANER + ZAIDA MUXI
Title: ARQUITECTURA Y POLITICA; ENSAYOS PARA MUNDOS ALTERNATIVOS
Edition: LIVRO Year: 2011
Local: BARCELONA
Publisher: GUSTAVO GILLI
ISBN Code:

Author(s): MANUELA RAPOSO MAGALHAES
Title: A ARQUITETURA PAISAGISTA - MORFOLOGIA E COMPLEXIDADE
Edition: LIVRO Year: 2001
Local: LISBOA
Publisher: EDITORIAL ESTAMPA, LDA
ISBN Code:

24. Complementary Bibliography

Author(s): GRAÇA DIAS + EGAS VIEIRA
Title: CIDADES CITIES
Edition: LIVRO Year: 2006
Local: LISBOA
Publisher: CIVILIZAÇÃO EDITORA
ISBN Code:

Author(s): MARIO CHAVES
Title: PROPOSITUS ARQUITETCTUS AT UNIVERSUM
Edition: LIVRO Year: 2024
Local: LISBOA
Publisher: LUSIADA LISBOA EDITORA

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