



FICHA DE UNIDADE CURRICULAR

Unidade Curricular

202399202 - Desenho de Atmosferas Arquitetónicas

Tipo

Optativa

Ano lectivo

2025/26

Curso

Mestrado Design
Comunicação
Mestrado Design Produto
Mestrado Design Moda
MI Arquitetura - Esp.Arq
MI Arquitetura - Esp.Urb
MI Arquitetura - Esp.Int

Ciclo de estudos

2º

Créditos

3.00 ECTS

Idiomas

Português ,Inglês

Periodicidade

semestral

Pré requisitos

Ano Curricular / Semestre

Área Disciplinar

Desenho, Geometria e Computação

Horas de contacto (semanais)

Teóricas	Práticas	Teórico práticas	Laboratoriais	Seminários	Tutoriais	Outras	Total
0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00

Total Horas da UC (Semestrais)

Total Horas de Contacto
28.00

Horas totais de Trabalho
75.00

Docente responsável (nome / carga lectiva semanal)

Shakil Yussuf Rahim

Outros Docentes (nome / carga lectiva semanal)

Shakil Yussuf Rahim 2.00 horas

Objetivos de aprendizagem (conhecimentos, aptidões e competências a desenvolver pelos estudantes)

- Entender o conceito de atmosfera em arquitetura;
- Observar, criar e desenhar atmosferas orientadas a parâmetros e expressões compositivas;
- Estudar a espacialidade e a plasticidade atmosférica na interseção entre Desenho e Projeto;
- Personalizar e registrar experiências visuais e gráficas nas fronteiras da cultura arquitetónica e no campo expandido da relação entre as artes;
- Explorar aspetos indisciplinados, subversivos e instáveis do desenho arquitetónico experimental;
- Compreender a simplicidade do desenho como estratégia espacial e gráfica da identidade do arquiteto;
- Desenvolver a atenção visual nos processos de síntese do desenho arquitetónico.

Conteúdos Programáticos / Programa

1. Desenho de Atmosferas em Arquitetura

- noção de atmosfera no desenho arquitetónico
- dos parâmetros à composição e do geométrico ao fenomenológico
- interseções do cone visual: visão central e visão periférica
- interseções da esfera manual: mão aberta e mão fechada
- expressão da espacialidade: perspetiva, proporção, escala, cor, luz, sombra, textura
- instabilidade da imagem: arquiteturas, metáforas, fantasias, ritmos e paradoxos

2. O(A) Arquiteto(a) e a Indisciplina do Desenho Experimental

- fronteiras da objetividade: figurativo, descritivo, metafísico, onírico, abstrato
- corpos particulares, espaços específicos, durações variáveis, perspetivas possíveis
- meios, técnicas, materiais e métodos: experimentação gráfica no 'campo expandido'
- combinações de esboços, plantas, cortes, alçados, perspetivas, axonometrias
- desenho na contra cultura: provocação, subversão, devaneio, rebeldia e inquietação
- o prazer de desenhar: fetiche, desejo, espanto, sedução, enamoramento, intimidade
- comunicação, criatividade e cultura visual nas margens do analógico e do digital

3. Simplicidade e Atenção Visual no Desenho Arquitetónico

- a simplicidade como metodologia da atenção visual
- a economia dos recursos gráficos e a plasticidade do vazio e do infinito
- elogio do simples: diferenças entre simplório, simplista, simplificado e simplicidade
- a síntese espacial: linha-gestual, trama-modeladora, mancha-direta
- a síntese temporal: parado, lento, rápido, acelerado, veloz, fugaz, suspenso
- os pequenos todos que há no nada e os pequenos nadas que há no tudo

Demonstração da coerência dos conteúdos programáticos com os objectivos de aprendizagem da unidade curricular

A unidade curricular permite ao aluno do mestrado de arquitetura personalizar a prática do desenho e do desenho arquitetónico, num processo experimental e disruptivo, que interseja

observação, criatividade e representação. Nas vanguardas da cultura arquitetônica, o desenho de composição e expressão de atmosferas contribui para pensar a ontologia da atividade projetual do arquiteto, nas suas espessuras de sentido e significado.

Metodologias de ensino (avaliação incluída)

De acordo com o programa, a metodologia é orientada pela progressão da aprendizagem. Os blocos programáticos correspondem a desenhos temáticos, que organizam a prática dos conteúdos em relação às escalas da arquitetura (espaços interiores e exteriores, compartimento, casa, prédio, quarteirão, bairro, cidade, paisagem, território). A avaliação é contínua; valoriza a assiduidade, a atitude experimental e o desenvolvimento dos exercícios práticos de desenho.

Demonstração da coerência das metodologias de ensino com os objectivos de aprendizagem da unidade curricular

A metodologia de ensino formaliza os objetivos da aprendizagem num processo sucessivo de observação, análise e produção de desenhos. Da identidade do espaço à identidade do desenho do arquiteto, a unidade curricular de Desenho de Atmosferas Arquitetônicas sublinha a imprevisibilidade da experimentação gráfica, a amplificação do repertório de atmosferas espaciais e a síntese do paradigma da simplicidade.

Bibliografia Principal

- Arbib, Michael A.; Canepa, Elisabetta; Condia, Bob; De Matteis, Federico; Griffero, Tonino; Hart, Robert Lamb; Hewitt, Mark Alan; Reddy, Suchi, & Wynne, Mikaela. *Atmosphere(s) for Architects: Between Phenomenology and Cognition*. Manhattan, KS: New Prairie Press, 2023.
- Betti, Claudia, & Sale, Teel. *Drawing: A Contemporary Approach*. Fort Worth: Harcourt Brace College Publishers, 1997.
- Böhme, Gernot. *Atmospheric Architectures: The Aesthetics of Felt Spaces*. London, New York: Bloomsbury Publishing, 2017.
- Böhme, Gernot, & Thibaud, Jean-Paul (eds.). *The Aesthetics of Atmospheres*. New York: Routledge, 2017.
- Bono, Edward de. *Simplicity*. UK: Penguin Life, 2015.
- Borch, Christian (ed.). *Architectural Atmospheres: On the Experience and Politics of Architecture*. Basel: Birkhauser, 2014.
- Canepa, Elisabetta; Condia, Bob; Güler, Kutay; Proietti, Tiziana, & Gepshtein, Sergei. *Generators of Architectural Atmosphere*. Manhattan, KS: New Prairie Press, 2022.
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- Edwards, Brian. *Understanding Architecture Through Drawings*. New York: Taylor & Francis, 2008.
- Friedenberg, Jay. *Visual Attention and Consciousness*. New York: Taylor & Francis, 2013.
- Griffero, Tonino, & Tedeschini, Marco (eds.). *Atmosphere and Aesthetics: A Plural Perspective*. Cham, Switzerland: Springer International Publishing, 2019.
- Holl, Steven; Pallasmaa, Juhani, & Pérez-Gómez, Alberto. *Questions of Perception: Phenomenology of Architecture*. San Francisco, CA: William Stout Publishers, 2006.

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- Mallgrave, Harry Francis. *The Architect's Brain: Neuroscience, Creativity, and Architecture*. West Sussex: Wiley-Blackwell, 2011.
- Maslen, Mick, & Southern, Jack. *Drawing Projects: an exploration of the language of drawing*. London: Black Dog Publishing, 2011.
- Pallasmaa, Juhani. *The Eyes of the Skin: Architecture and the Senses*. Chichester, UK: John Wiley & Sons, 2005.
- Rahim, Shakil. *O Desenhador: Estudos Cognitivos, Artísticos e Fenomenológicos*. Lisboa: Edições ex-Libris, 2018.
- Rahim, Shakil. *O Desenhador 2: Interseções entre Desenho de Observação e Desenho Arquitetónico*. Lisboa: Edições ex-Libris, 2024.
- Rasmussen, Steen Eiler. *Experiencing Architecture*. Cambridge, Mass: MIT Press, 1962.
- Smith, Kendra Schank. *Architects' Drawings*. New York: Routledge, 2005.
- Spiller, Neil (ed.). *Drawing Architecture*. West Sussex, UK: John Wiley & Sons, 2013.
- Tawa, Michael. *Atmosphere, Architecture, Cinema: Thematic Reflections on Ambiance and Place*. Cham, Switzerland: Palgrave Macmillan, 2022.
- Verstegen, Ton. *Gestures: Atmospheric Perception and Architecture*. Enschede, Netherlands: ArtEZ Press, 2009.
- Weidinger, Jürgen (ed.). *Designing Atmospheres*. Berlin: Universitätsverlag der TU Berlin, 2018.
- Zumthor, Peter. *Atmospheres: Architectural Environments, Surrounding Objects*. Basel, Boston, Berlin: Birkhäuser Verlag AG, 2006.

Bibliografia Complementar

- Arasse, Daniel. *Não Se Vê Nada*. Lisboa: KKYM, 2015.
- Brown, David Blayney. *Turner Watercolours*. London: Tate, 2020.
- Bundesen, Claus, & Habekost, Thomas. *The Principles of Visual Attention*. Oxford: Oxford University Press, 2008.
- Didi-Huberman, Georges. *Ce que nous voyons, ce qui nous regarde*. Paris: Les Éditions de Minuit, 1992.
- Edwards, Nina. *Darkness: A Cultural History*. London: Reaktion Books, 2018.
- Han, Byung-Chul. *A Salvação do Belo*. Lisboa: Relógio D'Água, 2016.
- Hockney, David. *Hockney's Pictures: The Definitive Retrospective* (3rd ed.). London: Thames & Hudson, 2025.
- Kabakov, Ilya, & Martin, Jean-Hubert. *Ilya Kabakov Drawings*. Paris: Editions Dilecta, 2014.
- Lehrer, Jonah. *Imagine: How Creativity Works*. Boston: Houghton Mifflin, 2012.
- Merleau-Ponty, Maurice. *Le visible et l'invisible*. Paris: Gallimard, 1964.
- Nietzsche, Friedrich. *The Dionysian Vision of the World*. Minneapolis: Univocal Publishing, 2013.
- Norberg-Schulz, Christian. *Genius Loci: Towards a Phenomenology of Architecture*. New York: Rizzoli, 1979.
- Panofsky, Erwin. *Meaning in the Visual Arts*. Chicago: The University of Chicago Press, 2008.
- Rodrigues, Ana Leonor Madeira. *O Observador Observado*. Lisboa: Caleidoscópio, 2016.

- Scheer, David Ross. *The Death of Drawing: Architecture in the Age of Simulation*. New York: Routledge, 2014.
- Tidwell, Philip (ed.); Pallasmaa, Juhani; Mallgrave, Harry Francis, & Arbib, Michael A. *Architecture and Neuroscience*. Helsinki, Finland: Tapio Wirkkala Rut Bryk Foundation, 2013.
- Van der Helm, Peter A. *Simplicity in Vision - A Multidisciplinary Account of Perceptual Organization*. Cambridge: Cambridge University Press, 2014.



CURRICULAR UNIT FORM

Curricular Unit Name

202399202 - Drawing of Architectural Atmospheres

Type

Elective

Academic year

2025/26

Degree

Master Communication
Design
Master Product Design
Master Fashion Design
IM Architecture - Spec.Arch
IM Architecture - Spec.Urb
IM Architecture - Spec.Int

Cycle of studies

2

Unit credits

3.00 ECTS

Lecture language

Portuguese ,English

Periodicity

semester

Prerequisites

Year of study/ Semester

Scientific area

Drawing, Geometry and Computation

Contact hours (weekly)

Tehoretical	Practical	Theoretical-practicals	Laboratory	Seminars	Tutorial	Other	Total
0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00

Total CU hours (semester)

Total Contact Hours
28.00

Total workload
75.00

Responsible teacher (name /weekly teaching load)

Shakil Yussuf Rahim

Other teaching staff (name /weekly teaching load)

Shakil Yussuf Rahim 2.00 horas

Learning objectives (knowledge, skills and competences to be developed by students)

- Understand the concept of atmosphere in architecture;

- Observe, create and draw atmospheres oriented to parameters and compositional expressions;
- Study the atmospheric spatiality and plasticity in between Drawing and Project;
- Personalize and record visual and graphic experiences at the borders of architectural culture and in the expanded field of the relationship among arts;
- Explore undisciplined, subversive and unstable aspects of experimental architectural drawing;
- Understand the simplicity of drawing as a spatial and graphic strategy of the architect's identity;
- Develop visual attention in the process of synthesis of architectural drawing.

Syllabus

1. Drawing of Atmospheres in Architecture

- the notion of atmosphere in architectural drawing
- from parameters to composition and from geometric to phenomenological
- intersections of the visual cone: central vision and peripheral vision
- intersections of the manual sphere: open hand and closed hand
- expression of spatiality: perspective, proportion, scale, colour, light, shadow, texture
- instability of image: architectures, metaphors, fantasies, rhythms, and paradoxes

2. The Architect and the Experimental Drawing Indiscipline

- boundaries of objectivity: figurative, descriptive, metaphysical, oneiric, abstract
- personal bodies, specific spaces, variable durations, possible perspectives
- media, techniques, materials and methods: graphic experimentation in 'expanded field'
- combinations of sketches, plans, sections, elevations, perspectives, axonometries
- drawing in counterculture: provocation, subversion, reverie, rebellion, and restlessness
- the pleasure of drawing: fetish, desire, astonishment, seduction, love, intimacy
- communication, creativity, and visual culture at the margins of analogue and digital

3. Simplicity and Visual Attention in Architectural Drawing

- simplicity as a methodology of visual attention
- the economy of graphic resources and the plasticity of emptiness and infinity
- in praise of the simple: differences between simple, simplistic, simplified and simplicity
- the spatial synthesis: gestural line, modelling hatch, direct stain
- the temporal synthesis: stopped, slow, quick, fast, speed, fleeting, suspended
- the little everything that exist in nothing and the little nothingness that exist in everything

Demonstration of the syllabus coherence with the curricular unit's learning objectives

The curricular unit allows the student of the master's in architecture to personalize the practice of drawing and architectural drawing, in an experimental and disruptive process that intersects observation, creativity and representation. In the avant-garde of architectural culture, the drawing of composition and expression of atmospheres contribute to thinking about the ontology of the architect's projectual activity, in its thicknesses of sense and meaning.

Teaching methodologies (including evaluation)

According to the syllabus, the methodology is guided by learning progression. The syllabus sections correspond to thematic drawings, that organise the practice of contents in relation to the scales of architecture (interior and exterior spaces, compartment, house, building, block, neighbourhood, city, landscape, territory). The assessment is continuous; values attendance, experimental attitude and the development of practical drawing exercises.

Demonstration of the coherence between the Teaching methodologies and the learning outcomes

The teaching methodology formalises the learning objectives in a successive process of observation, analysis, and production of drawings. From the identity of space to the identity of the architect's drawing, the curricular unit of Drawing of Architectural Atmospheres underlines the unpredictability of graphic experimentation, the amplification of spatial atmospheres typologies and the synthesis of the paradigm of simplicity.

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- Arbib, Michael A.; Canepa, Elisabetta; Condia, Bob; De Matteis, Federico; Griffero, Tonino; Hart, Robert Lamb; Hewitt, Mark Alan; Reddy, Suchi, & Wynne, Mikaela. *Atmosphere(s) for Architects: Between Phenomenology and Cognition*. Manhattan, KS: New Prairie Press, 2023.
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