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Università Iuav di Venezia

SCUOLA DI DOTTORATO

Badoer / San Polo 2468  
30125 Venezia

**PHD PROGRAMME ARCHITECTURE AND ARTS, IUAV SCHOOL OF DOCTORATE STUDIES, XL CYCLE, ACADEMIC YEAR 2024/2025**

**NAME**

**PhD program Architecture and Arts**

**COURSE DESCRIPTION**

The Iuav School of Doctorate Studies was established through the aggregation of some of the most "ancient" Italian doctorates in the fields of Architecture, Design and Urban Planning. Over the years, the School has produced an unparalleled number of lecturers and researchers working in Italian and international universities and research institutes. Further subject areas and research fields have been added over time, thus enriching the PhD program and making interdisciplinarity the School's trademark. The course is strongly characterized by study and research tracks belonging to scientifically contiguous disciplinary sectors and therefore inclined to continuous and mutual exchange. This aspect, which more generally characterizes the whole of Iuav, has a particular importance in the field of research aimed at subjects such as the city, the territory, design, the arts and architecture in which exchange and interdisciplinary dialogue constitute the necessary complement to strictly disciplinary research.

While continuing to independently develop their educational and training activities, the different research areas share today numerous opportunities for exchanges and common activity.

The Iuav venue dedicated to the PhD program and students is Palazzo Badoer, which houses the administrative offices and where most of the conferences, lectures and seminars take place. The intensity and quality of the events and programs taking place in the school have contributed in recent years to expand the role of this venue from a pedagogical infrastructure to an important cultural reference point.

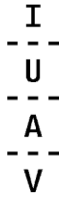
With a view to maximum interdisciplinarity, multidisciplinary and transdisciplinarity, specific actions are dedicated to topics, problems, research and development needs that are relevant across all Iuav research strands and for the school's relations with the territory and with external institutional and economic subjects. In these cases, the development of doctoral research in an innovative way with a "problem-oriented" approach is privileged. In the latter, specific case, the research theme is identified by the student and the board of the School, considering guidelines and directions set by the National Recovery and Resilience Plan (PNRR).

**EDUCATIONAL AND TRAINING OBJECTIVES**

The PhD program Architecture and Arts aims to provide the theoretical and practical education necessary to operate in the fields of Architecture, Town and Country Planning, Spatial Planning/Policies, Design and the Arts, linking contiguous approaches such as those concerning design and analysis tools at different scales, history, spatial policies, building and environmental restoration, technologies, artistic expression and representation, in order to address in the most incisive way the set of issues related to the transformation of anthropic space in its different forms.

In particular, the school's educational and training objectives include the following research areas: Visual arts, performing arts and fashion studies, Architectural composition, Technological, environmental and building physics design, Regional planning and public policy, Design sciences, Structural challenges, History of architecture, Urbanism, Villard de Honnecourt international track.

The predominantly single macro-area nature of the disciplinary sectors involved and the proven experience of more than thirty years of research activities make the Iuav PhD course an attractive and stimulating place where the thematic insights developed in the different research areas, together with the exchange and collaboration between fields of knowledge, favor the acquisition of autonomy and responsibility, as well as strengthening the system of transnational and international relations with research institutions, public administration and the production system. The presence of a specific and consolidated training and the possibility of interdisciplinary, multidisciplinary and transdisciplinary exchanges and approaches on common grounds, which also involve research carried out in other Iuav areas, makes the education provided particularly suitable for dealing with frontier themes and issues that will increasingly concern the layout and shape of living spaces and will require theoretical and practical in-depth studies.



The general objectives of the course are:

1. Provide specific knowledge in each disciplinary field and promote the deepening of research through a comparison with the state of the art of that field of knowledge.
2. Encourage comparison between the different disciplinary areas and fields of knowledge by promoting opportunities for dialogue and joint training.
3. Facilitate relations with the territory, the business world and civil institutions by promoting the launch of joint applied research projects with third parties.

Annex 2 contains the specific training objectives of the individual research areas

## **CAREER OPPORTUNITIES**

The career opportunities on which the educational and training objectives have been commensurate include:

1. the national and international academic and research environment - to which luav doctorates have always provided a significant contribution in terms of researchers and lecturers – which continues to remain an important employment perspective;
2. the search for new outlets in tune with the changes taking place in doctoral training, increasingly understood as a value to be poured into territories and production sectors and less and less as an exclusive area of academic training. In particular, the collaboration relationship that has developed with public institutions and private production or service sectors, and which has materialized in research grants of various origins (including PON, PNRR, and grants financed entirely by companies), has made it possible to identify strategic areas both for the national and European territory. These areas concern the promotion and conservation of cultural heritage, product design, integrated planning, contemporary forms and techniques of territorial governance, environmental control, and the qualitatively high exercise of the freelance profession. Within them, the training of technicians capable of dealing with the new problems that cities and territories pose within complex landscapes such as those in Italy and Europe already seems necessary and capable of constituting new job opportunities.

## **CONSISTENCY WITH PNRR OBJECTIVES**

The transversal knowledge and skills provided and promoted by the PhD program are aimed at promoting the pursuit of the Sustainable Development Goals identified by the United Nations General Assembly and the goals indicated in the 2030 Agenda for Sustainable Development and their declinations in European policies.

In particular, grants financed with PNRR funds are directed towards two main thematic fields.

The first is related to sustainability and is aimed at studying the issues of ecological transition, resilience and adaptation to climate change in Italian cities and territories, the conservation of the ecosystem and biodiversity, sustainable mobility as well as reducing the impacts of climate change on the territory and on economic chains. Some research is aimed at studying innovative and sustainable construction techniques, while other research is aimed at understanding how the use of smart technologies can support the design of innovative services that facilitate sustainable actions.

A second thematic field concerns cultural heritage and is aimed at studying the themes of recovery, protection and promotion of cultural heritage in different territorial situations: from metropolitan cities to small towns in inland areas. Some research is dedicated to reflecting on the relationship between material and documentary cultural heritage and its physical and digital accessibility, while other research is aimed at reflecting on the complex relationship between the different forms of heritage and tourist use, also developing reflections on the production of digital artifacts functional to an improvement of the same usability.

## **EDUCATIONAL AND RESEARCH ACTIVITIES PLANNED**

In response to the educational and training objectives mentioned above and those described in Annex 2 and with the intention of training the professional figures described above, both common activities aimed at the generality of doctoral students and specific activities related to the different research areas of the doctoral course are planned.

The former are mainly delivered in the first and second year, in the autumn term, as part of the Bembo Writing Workshop.

The Workshop, for a total of 100 hours, consists of:

- a module on writing, visualization and presentation of research, editorial activities (28 hours); the objective is to provide PhD students with the practical tools to develop skills in writing the doctoral thesis, essays for submission to journals or conferences and for different forms of communication of research results. It is also proposed to acquire editorial skills useful not only for drafting one's own papers, but also for participating in editorial work in magazines, publishing houses, newspapers for properly producing one's thesis. The activities are both theoretical and laboratory and cover different styles of writing: bibliography and abstracts;
- guided tours of the University Library and the "Archivio Progetti" (6 hours) with the aim of communicating the cultural project relating to the funds deposited at the two institutions, instructing doctoral students on access to resources, use of databases and use of Refworks software;
- guided tours of the University laboratories (8 hours) in order to present all the possibilities of using materials and equipment;
- language training (8 hours) with interventions and in-depth studies on the use of the English language as a means of academic writing;

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- written and oral sources (16 hours): this module proposes a series of reflections on research approaches and postures and on the use of different sources, also from the point of view of law, with reference to national, Community and international legal, ethical disciplines. In particular, in-depth studies are proposed relating to the reading of archival documents, maps, artifacts and projects. These reflections are accompanied by the presentation of a selection of doctoral theses exemplifying the approaches covered and, more generally, the research paths accepted in the doctoral school;
  - funding sources (8 hours): the training module includes specific information and seminars on basic research activities, knowledge of survey systems, the management and publication of its results and the achievement of funding. Meetings are also organized approximately once a year, in collaboration with the Agency for the Promotion of European Research (APRE), on topics that are of particular interest in the context of European calls for the allocation of research funds;
- In response to the proposals and observations of the doctoral students, starting from the year 2023, the Writing Workshop has also been enriched with the following modules:
- access to Marie Curie European funding (8 hours): the training module includes specific information and seminars on access to Marie Curie European funding, through discussions with young researchers who have had experience of the funding grant, thus initiating moments of exchange and discussion with doctoral students, both on the experiences made and on the specific strategies implemented, useful for guiding and managing choices and proposals.
  - inter-, multi- and transdisciplinary tables (18 hours): the module, activated on the initiative of doctoral students, concerns a form of collaborative research originated spontaneously and autonomously. After a series of meetings over a period of six months, the group, gathered under the name of "Tavolone", produced as its first outcome the initiative "Paragoni paradossi interstizi", three days of debates and meetings that aim to frame the possibilities of application and return of research, not only in the scientific context, thus drawing a flow that makes the organizers themselves an active part of shared exercises, where the program intersects discourses and theories, practices and productions;
- The presentation of books was also organized, in collaboration with the Luav Library. The initiative - called "reading together" - involves doctoral students from different fields presenting the same book, proposing different keys to reading it. There is also the possibility of accessing the Bembo Officina Editoriale project, which joins the university publishing house with the aim of promoting the research products of the Luav Doctorate School on a larger scale.
- Finally, for the first time, English-language modules were offered - concerning, in particular, an introduction to the services and resources of the University Library and the Academic Writing in English modules - in order to introduce foreign PhD students to the scientific community and the services that the University offers them from the very first time they enter the Doctorate School. With regard to the activities proposed by the individual areas, please refer to the section dedicated to them (Annex 2)

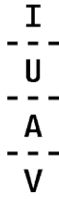
The representatives of the doctoral students have the opportunity to manage through Google Calendar a calendar, visible to the entire community of professors and doctoral students, containing all the activities of the School and individual research fields so as to facilitate, on the one hand, a coordinated organization of the various training and research proposals and, on the other hand, to make participation in specific field activities open also to those who belong to other fields.

With regard to activities in collaboration with companies, doctoral students are encouraged to participate in some activities organized by the University such as, for example, Start Hub, a training course that promotes startups dedicated to the sustainable project intended as care and maintenance of the built environment, declined at all scales: from the territory, arts, city, architecture, fashion and design.

## **OPERATIONAL AND SCIENTIFIC STRUCTURES AVAILABLE TO DOCTORAL STUDENTS**

### **Laboratories:**

- AP Archivio progetti / Project Archive
- ARTEC Archivio delle tecniche e dei materiali / Archives on Techniques and Materials for Architecture and Industrial Design
- CIRCE Laboratorio di cartografia e GIS / Cartography Lab / Geographic Information Lab
- LAMA Laboratorio di analisi materiali antichi / Lab for Analysing Materials of Antique Origin
- FISTEC Laboratorio di fisica tecnica ambientale / Building Physics Lab
- MELA Multimedia Lab
- LABSCO Laboratorio di scienza delle costruzioni / Construction Sciences Lab
- LAR Laboratorio di supporto al progetto / Project Support Lab
- USERLAB Laboratory for user centred applied research



## Book heritage

Consistency in volumes and coverage of course topics:

number of volumes owned by the libraries of the Library and Documentation System: 271,880 (as at 31.12.2023). Thematic coverage: architecture, building, constructions, restoration, urban planning, spatial planning, urban sociology, design, fashion, photography and performing arts.

magazine subscriptions: 2,368 subscriptions to current print and online journals (as at 31/12/2023); 6072 titles of current and discontinued journals (as at 31/12/2023). Thematic coverage: architecture, building, constructions, restoration, urban planning, urban and regional planning, urban policies, urban sociology, design, fashion, photography and performing arts.

**E-resources:** 53 subscription databases (as at 31.12.2023); 149,852 electronic periodicals available online (as at 31.12.2023).

**Software specifically relevant to the research areas envisaged:** GIS; CAD; 3D modelling; Structural calculation for finite element analysis; Dynamic identification; Processing of static and dynamic data acquired from tests on materials and/or structures; Georadar analysis processing; Numerical calculus, analysis and visualisation of data; Simulation of processes involving the flow of fluids, heat, mass transfer, chemical and combustion reactions

## Spaces and resources for PhD students for electronic computing

Palazzo Badoer, home of the School of Doctorate Studies, has classrooms, a meeting room and a large hall, as well as an office to support all activities.

The PhD students have two reserved spaces at Palazzo Badoer and a table reserved at the Tolentini library. The university makes two computer classrooms available to the entire student community, including the doctoral one, at the Cotonificio. Workstations for image and video processing are available at the Cotonificio.

## AVAILABLE PLACES AND SCHOLARSHIPS

Announced seats with doctoral scholarship: n. 21 to which the scholarships financed by the resources of the department of excellence (n. 5) will be added. The university scholarships will be supplemented with additional PNRR resources for the academic year 2024/2025 and with any additional external financing.

Seats without scholarship: n. 3 (max. 25% of the total activated seats).

All PhD students with a scholarship and without a scholarship are guaranteed a budget for research activities in Italy and abroad equal to 10% of the annual amount of a scholarship, which from 1 July 2022 corresponds to an amount of €1,624.30 for each year. Any residues may be carried forward to subsequent years. The budget can be used for needs consistent with the purposes of the doctoral course, in compliance with the provisions of doctoral legislation, as well as public accounting rules and university regulations, including for missions, travel and related reimbursement of expenses.

For authorized periods of study abroad, the amount of the scholarship is increased by a maximum of 50% for a total period not exceeding 12 months. This period may be extended up to a maximum total of 18 months in the presence of co-tutelle agreements with foreign subjects.

The period of stay abroad must be aimed at the research undertaken and must be authorized by the board of the Doctorate School which will allocate the funding by evaluating the reasoned requests of the doctoral students through pre-established criteria. The increase for the stay abroad cannot be used in the country of citizenship, residence and domicile of the doctoral student.

The evaluation of the requests by the board is normally carried out in two annual sessions, one for the period January-July, one for the remaining period of the year.

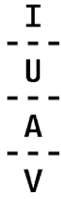
The board of the Doctorate School normally evaluates the applications as a matter of priority based on criteria of:

- consistency of the request with the research project carried out
- duration of the request consistent with the activities described
- submission of a project lasting at least ninety days (even non-continuous) scheduled on a two-year or three-year basis
- splitting of the period not less than 15 days

Possible additional criteria:

- year of registration
- presence of international agreements including cotutelle agreements
- presence of a reference institution where the doctoral student will carry out his/her activity
- duration of at least thirty days
- participation in conferences/lectures/seminars with selected papers
- number of foreign stays already carried out by the same doctoral student.

In order to encourage experiences abroad and make the network of international connections ever richer, the board of the Doctorate School supports with additional reimbursements (even partial) the periods of study and research abroad of non-fellow doctoral students in case the requests by the fellow scholarship holders present savings margins.



## **ADMISSION REQUIREMENTS AND PROCEDURES**

Those who hold a degree obtained in accordance with the regulations prior to the Ministerial Decree no. 509 of 3 November 1999 "Regulations on the teaching autonomy of universities"; those who hold a master's degree pursuant to the aforementioned Ministerial Decree 509/1999 or a master's degree pursuant to the Ministerial Decree 270/2004 or a degree obtained from foreign universities, equivalent to the Italian degree required and considered suitable by the judging committee, may apply to participate in the comparative evaluation for admission to the PhD program Architecture and Arts, without limitations of age and citizenship.

In addition to the degree, the possession of suitable certification of knowledge of one of the main European languages at a minimum B2 level according to the Common European Framework of Reference for Languages is a requirement for access. The notice of admission will govern the cases of exemption from the presentation of the aforementioned certification.

The Doctorate School's board determines the methods of comparative evaluation. These methods can consist of a single phase that evaluates the candidates' qualifications or two phases that evaluate both qualifications and any examinations, interviews, or tests. The board of the Doctorate School also establishes the criteria for evaluating the qualifications and the scores to be attributed to the tests, if required. The tests, if provided for, can also be carried out using IT and telematic tools and procedures.

**ANNEX 1**

**TEACHING BOARD OF THE PHD PROGRAM ARCHITECTURE AND ARTS, IUAV SCHOOL OF DOCTORATE STUDIES, XL CYCLE, ACADEMIC YEAR 2024/2025**

<b>Surname</b>	<b>Name</b>	<b>University</b>	<b>Sector of competition</b>	<b>SSD</b>
ALBRECHT	Benno	Università luav di Venezia	08/D1	ICAR/14
ARIELLI	Emanuele	Università luav di Venezia	11/C4	M-FIL/04
BARALDI	Daniele	Università luav di Venezia	08/B2	ICAR/08
BASSI	Alberto Attilio	Università luav di Venezia	08/C1	ICAR/13
BASSO	Matteo	Università luav di Venezia	08/F1	ICAR/20
BERTO	Luisa	Università luav di Venezia	08/B3	ICAR/09
BERTOZZI	Marco	Università luav di Venezia	10/C1	L-ART/06
BONAITI	Maria	Università luav di Venezia	08/E2	ICAR/18
BONINI LESSING	Emanuela Fanny	Università luav di Venezia	08/C1	ICAR/13
BULEGATO	Fiorella	Università luav di Venezia	08/C1	ICAR/13
CECCHI	Antonella	Università luav di Venezia	08/B2	ICAR/08
CIAMMAICHELLA	Massimiliano	Università luav di Venezia	08/E1	ICAR/17
CIORRA	Giuseppe	University of Camerino	08/D1	ICAR/14
COGNETTI DE MARTIIS	Francesca	Politecnico di MILANO	08/F1	ICAR/20
CONDOTTA	Massimiliano	Università luav di Venezia	08/C1	ICAR/12
COPIELLO	Sergio	Università luav di Venezia	08/A3	ICAR/22
CRIPPA	Davide	Università luav di Venezia	08/C1	ICAR/13
DAL FABBRO	Armando	Università luav di Venezia	08/D1	ICAR/14
DALLA MURA	Maddalena	Università luav di Venezia	08/C1	ICAR/13
DE MAIO	Fernanda	Università luav di Venezia	08/D1	ICAR/14
DE ROSA	Agostino	Università luav di Venezia	08/E1	ICAR/17
DI SARNO	Luigi	University of SANNIO of	08/B3	ICAR/09
FABIAN	Lorenzo	Università luav di Venezia	08/F1	ICAR/21
FAGNONI	Raffaella	Università luav di Venezia	08/C1	ICAR/13
FERLENGA	Alberto	Università luav di Venezia	08/D1	ICAR/14
FREGOLENT	Laura	Università luav di Venezia	08/F1	ICAR/20
FRISA	Maria Luisa	Università luav di Venezia	08/C1	ICAR/13
IORIO	Andrea	Università luav di Venezia	08/D1	ICAR/14
LAINO	Giovanni	University of Napoli Federico	08/F1	ICAR/20
LENZO	Fulvio	Università luav di Venezia	08/E2	ICAR/18
MARANDOLA	Marzia	Università luav di Venezia	08/E2	ICAR/18

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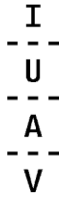
MARINI	Sara	Università luav di Venezia	08/D1	ICAR/14
MARSON	Anna	Università luav di Venezia	08/F1	ICAR/20
MARZO	Mauro Cristina	Università luav di Venezia	08/D1	ICAR/14
MONICA	Luca	Politecnico di MILANO	08/D1	ICAR/14
MUNARIN	Stefano	Università luav di Venezia	08/F1	ICAR/21
MUSCO	Francesco	Università luav di Venezia	08/F1	ICAR/20
NERI	Raffaella	Politecnico di MILANO	08/D1	ICAR/14
PERON	Fabio	Università luav di Venezia	09/C2	ING-IND/11
PIPERATA	Giuseppe	Università luav di Venezia	12/D1	IUS/10
RAKOWITZ	Gundula	Università luav di Venezia	08/D1	ICAR/14
REPISHTI	Francesco	Politecnico di MILANO	08/E2	ICAR/18
RICCINI	Raimonda	Università luav di Venezia	08/C1	ICAR/13
ROSSETTI	Massimo	Università luav di Venezia	08/C1	ICAR/12
ROSSI	Federica	Università luav di Venezia	08/E2	ICAR/18
RUSSO	Salvatore	Università luav di Venezia	08/B3	ICAR/09
SAETTA	Anna	Università luav di Venezia	08/B3	ICAR/09
SCARPA	Massimiliano	Università luav di Venezia	09/C2	ING-IND/11
SKANSI	Luka	Politecnico di MILANO	08/E2	ICAR/18
TATANO	Valeria	Università luav di Venezia	08/C1	ICAR/12
TOMASSINI	Stefano	Università luav di Venezia	10/C1	L-ART/05
TONIN	Stefania	Università luav di Venezia	13/A4	SECS-P/06
TOSI	Maria Chiara	Università luav di Venezia	08/F1	ICAR/21
VACCARI	Alessandra	Università luav di Venezia	10/B1	L-ART/03
VETTESE	Angela Giovanna	Università luav di Venezia	10/B1	L-ART/04
VIGANO'	Paola	Università luav di Venezia	08/F1	ICAR/21
ZANFI	Federico	Politecnico di MILANO	08/F1	ICAR/21

Total Components: 57

**PhD student representatives**

AMBROSI Amerigo Alberto, second year of the PhD program Architecture and Arts, research area in Urbanism

FERRIGOLO Cosimo, second year of the PhD program Architecture and Arts, research area in Urban and regional planning and policy.



## **ANNEX 2**

### **RESEARCH AREAS – PHD PROGRAM ARCHITECTURE AND ARTS, IUAV SCHOOL OF DOCTORATE STUDIES, XL CYCLE, ACADEMIC YEAR 2024/2025**

#### **Visual Arts, Performing Arts and Fashion**

Scientific coordinator: Prof. Angela Vettese

Scientific committee

Università Iuav: Emanuele Arielli, Marco Bertozzi, Elisa Bizzotto, Maria Malvina Borgherini, Giovanni Careri, Monica Centanni, Massimiliano Ciammaichella, Mario Farina, Maria Luisa Frisa, Paolo Garbolino, Carmelo Marabello, Stefano Mazzanti, Angela Mengoni, Gabriele Monti, Annalisa Sacchi, Stefano Tomassini, Alessandra Vaccari, Angela Vettese, Francesco Zucconi.

Experts: Renato Bocchi.

The PhD area in Visual Arts, Performing Arts and Fashion aims to build the basis for a shared reflection between theoretical, creative and applied research. The training program aims to provide a knowledge of transdisciplinary methodologies and paradigms that interrogate the respective research objects in an enlarged cultural field. The objective of the doctorate concerns the training of researchers or professionals who will be able to work, besides the academic field, in the area of cultural production, curatorship, artistic practices, production, communication and market systems related to the arts. The horizons covered by this work include scientific research in the field of visual arts, visual and media cultures, and aesthetics and politics of performance. The research is conducted from perspectives that do not limit the image to its historical, iconographic, or philological framework. Additionally, the study focuses on fashion as an industry and cultural medium with an intrinsically multidisciplinary nature, exploring its relations with modernity, contemporaneity, and the construction of the imaginary. Within the framework of a doctoral school that focuses on the cultural and cognitive production potential of the project, the theoretical horizon is to be understood as an exploration of devices, articulations, knowledge immanent to the objects of the cultures and artistic creations of reference. With regard to the specific teaching and research activities that accompany the transversal training provided by Bembo Writing Workshop, the course of studies of doctoral students in the field of Visual Arts, Performing Arts and Fashion is indicatively structured with a full-time commitment in the first year, while in the following two doctoral students are committed to following the activities proposed by the scientific committee of the field and to carrying out their research, with annual checks and reviews. Conferences and conventions on relevant topics are held annually. In the past, there have been conferences focused on the theme of the 'Exposed Body', which resulted in the publication of the book 'The Exposed Body', edited by Angela Vettese and Camilla Salvaneschi, Gli Ori, Pistoia 2023. The theme chosen for the 2023 academic year is "Disappearances". The general themes are chosen by the Scientific Committee so as to find topics that are of interest to the three fields of study (Visual Art, Performing Arts and Fashion studies) that are close to each other but have different training needs. The annual (or biennial) theme is developed with the participation of scholars, theorists and artists, often from abroad and in contact with non-Italian educational, museum or production institutions. They may sometimes give lectures ex cathedra and engage in dialogues with multiple parties. Students are always invited to intervene so that the initiatives take on a seminar-like trend.

#### **Architectural Composition**

Scientific coordinator: Prof. Armando Dal Fabbro

Scientific committee

Università Iuav: Benno Albrecht, Riccarda Cantarelli, Armando Dal Fabbro, Agostino De Rosa, Antonella Gallo, Andrea Iorio, Giovanni Marras, Mauro Marzo, Guido Morpurgo, Gundula Rakowitz, Patrizia Montini Zimolo.

Other universities: Viola Bertini (La Sapienza University of Rome), Ildebrando Clemente (University of Bologna), Maurizio Meriggi (Politecnico di Milano), Bruno Messina (University of Catania), Luca Monica (Politecnico di Milano), Raffaella Neri (Politecnico di Milano), Claudia Pirina (University of Udine), Carlotta Torricelli (University of Roma Tre).

Experts: Giovanni Fabbri, Giorgio Grassi, Carlo Magnani.

Tutors: Claudia Angarano, Viola Bertini, Giacomo Calandra di Roccolino, Marvin Cukaj, Vincenzo D'Abramo, Gianluca Ferreri, Alessandro Mosetti, Piercarlo Palmarini.

Architectural composition is a distinct discipline, with its own type of studies and research methods, separate from other forms of design, as well as from the history of architecture and the city.

The field of Architectural Composition aims to provide theoretical and practical knowledge related to compositional theories and procedures. This includes the final and synthetic stage of the relationships between the figure, form, and construction of architecture and the city. The studies prioritise the analysis of the criteria and procedures underlying the form and the study of the figurative variations that determine the character of the architecture. The aim is to guide the activity of doctoral students on research that highlights aspects of common interest and makes the developments and results of the work more comparable, in particular on the issue of the problematic relationships and contradictions between "tradition" and "invention", between "continuity" and "experimentation" in the modern and contemporary condition of cultural contexts.

In recent years, the issue of "reconstruction", also understood as a mental place where memory, history and the future intertwine, has become a privileged area of research activity.



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With regard to the specific teaching and research activities that complement the transversal training provided by the Bembo Writing Workshop, the course of study for doctoral students in the field of architectural composition is roughly structured as follows:

- ✓ during the first year, in conjunction with the programming of the scientific committee of the field, doctoral students are required to submit at least three stages of progress of the doctoral thesis and to periodic meetings with their speakers and tutors. They are also involved in moments of discussion through design seminars involving other doctoral schools. For admission to the following year, the doctoral students conclude the passing of the year with the presentation to the scope committee of the results of the first year of research;
- ✓ during the second year, in conjunction with the programming of the Scientific Committee of the field, doctoral students are required to present at least three stages of progress of the doctoral thesis and to have regular meetings with their supervisors and tutors. In order to progress to the following year, doctoral students must present the results of their second year of research to the area committee. Doctoral students are also required to report any activities carried out both in the doctorate and abroad at international university institutes or research locations;
- ✓ third year: the last year is dedicated to the conclusion and formalisation of the doctoral thesis. The Scientific Committee will verify the regular activity carried out by doctoral students during the three-year course, including conferences, research, and design seminars. They will then propose to the faculty the admission of the student to the final examination procedure and the external evaluation of their doctoral thesis.

Every year the following are also proposed:

- design seminars shared with some doctoral schools of great tradition, with the aim of building a real moment of comparison of strategies, methods and reflections. The schools involved in this project, namely Rome, Naples, and Bari, alternate individual doctoral work with strategic collective meetings for comparing different visions and approaches. These meetings are crucial for achieving the project's objectives. The seminars are also organised in collaboration with foreign universities and/or bodies and associations active in the places of project investigation. The seminars aim to compare the operation of theoretical research with design practice. The work focuses on large European cities that still play an emblematic role in the urban imaginary of architectural culture and that, in recent years, have been invested in the transformation of some significant places in the city itself. Among the recent seminars were Berlin City West, in cooperation with the Deutscher Werkbund Berlin and the Technische Universität Berlin, which resulted in a collection of research findings, and Vchutemas 100, which was held in cooperation with various universities and international organisations and resulted in an inter-university seminar and a publication: Vkhutemas100. Space, Project and Teaching, with important international institutions.
- Cycles of meetings, conferences, study days, theoretical seminars sometimes carried out in collaboration with the doctorates of Composition of Rome, Naples and Bari. These activities are a time of in-depth study for doctoral students on their respective research topics and/or on disciplinary issues that characterise the current Italian and European debate.

## **Structural challenges**

Scientific coordinator: Prof. Salvatore Russo

Scientific committee

Università Iuav: Antonella Cecchi, Daniele Baraldi, Luisa Berto, Salvatore Russo, Anna Saetta, Diego Alejandro

Talledo. Other universities: Luigi Di Sarno (University of Sannio of Benevento).

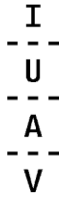
Experts: Giosuè Boscato

Tutors: Daniele Baraldi, Luisa Berto

Scientific research in this area aims to provide PhD students with specific skills in the field of structural design of new and existing buildings, with particular reference to those of historical interest, innovation issues, with specific reference to crisis areas and climate change. The main aspects that we intend to delve into include: material modelling, portions of structure, macro elements and structure as a whole, experimentation, seismic improvement, the use of latest generation structural materials but also the use of traditional techniques. In addition, it covers safety assessment, risk assessment and risk reduction for both existing and new buildings in relation to natural hazards, taking an integrated approach to the challenges of hazard definition, assessment of the behaviour of existing buildings and minimisation of intervention, and the selection of structural systems for new buildings with the aim of preventing the effects of such hazards. The survey methodologies mentioned earlier are extended to address safety and risk reduction related to natural events, including building envelopes, durability and resilience.

With regard to the specific teaching and research activities that complement the transversal training provided by the Bembo Writing Workshop, the course of study for doctoral students in the "Structural challenges" field is roughly structured as follows:

- ✓ in the first year, students attend university-level courses on structural, diagnostic, seismic, and dynamic modelling. For admission to the second year, students are required to undertake theoretical and/or practical research, attend conferences and may have the opportunity to undertake research abroad;
- ✓ in the second year, students acquire and consolidate the necessary knowledge and information to begin drafting their doctoral thesis. In particular, the knowledge gained from attending university courses, workshops, and research recommended by the tutor is put to good use. For admission to the third year, students must finalize their research activities, conclude any research periods abroad, and prepare their thesis;



✓ in the third year, the thesis should focus on defining and highlighting its characteristics, particularly the innovative aspects. This can be achieved by leveraging the benefits of studying abroad and comparing physical experimentation with numerical experimentation.

It is also recommended that doctoral students attend the Labsco structure, as it is closely related to structural issues concerning materials, structural elements, and structures.

Additionally, it is beneficial for doctoral students to engage in publication activities, including participation in national and international conferences, with guidance from individual tutors.

Doctoral students are expected to be proficient in managing the most commonly used structural calculation programs and platforms to enhance their confidence and learning in this area.

With reference to further activities, each year the following are also proposed:

- conferences and seminars held by Italian and foreign professors of Science and Technology of Construction. These activities are a moment of in-depth study for doctoral students on structural issues that are the subject of research at national and international level;
- the seminar series titled “Programming in Python for Scientific Research” is delivered in the field of “Technological and Environmental Design”, and attendance is highly recommended.

### **Technological, environmental and building physics design**

Scientific coordinator: Prof. Fabio Peron

Scientific Committee

Università Iuav: Massimiliano Condotta, Sergio Copiello, Fabio Peron, Piercarlo Romagnoni, Massimo Rossetti, Massimiliano Scarpa, Valeria Tatano.

Experts: Giovanni Borga, Antonio Carbonari.

The doctoral research in the field of Technological, environmental and building physics design concerns multiple aspects of Architecture Technology and Environmental Technical Physics in relation to the architectural project at different scales and the transformation, recovery and management of the natural and built environment.

Possible training courses cover the fields of materials and construction systems, techniques and technologies for analysis, environmental control and efficient energy production or from renewable sources, as well as sustainability understood as the preservation of ecological, social and cultural aspects. These areas of investigation are oriented to environmental design and sustainable design of buildings, energy efficiency of buildings and urban contexts, protection of the natural and built environment. The research activity references and is linked to the cultural field of the European Green Deal and the related New European Bauhaus, as well as related topics such as circular economy in architecture, inclusivity at the architectural and urban scale, citizen science and the challenges of renewable energies. Consequently, the research activities cover the areas of Digital, Industry, and Aerospace; Climate, Energy, and Sustainable Mobility; and Food Products, Bioeconomy, Natural Resources, Agriculture, and Environment of the National Research Programme. Additionally, the National Smart Specialisation Strategy includes the thematic areas of Smart and Sustainable Industry, Energy, and Environment; Digital Agenda, Smart Communities, and Smart Mobility Systems; and Tourism, Cultural Heritage, and Creative Industry.

In addressing these issues, doctoral students acquire skills both on the use of tools for energy simulation, three-dimensional modelling oriented to the management of construction and maintenance processes, indoor and outdoor environmental measurements and the development of machine learning algorithms, as well as on the application of Life Cycle Assessment methods, sustainability assessment tools in architecture and sustainable design techniques.

The development of skills and knowledge occurs through participation in research activities. Doctoral students acquire analytical skills to critically identify interdisciplinary correlations in the processes of transformation and maintenance of the natural and built environment. These skills and knowledge contribute to defining a high-level professional profile suitable for inclusion both in academic contexts and within public and private realities, including professional or public administration, industry and advanced tertiary sectors where innovation and research processes assume strategic importance.

With regard to the specific teaching and research activities that complement the transversal training provided within the Bembo Writing Workshop, the course of study of doctoral students in the field is roughly structured as follows. First year: two cycles of seminars are offered. A first cycle of seminars on Life Cycle Assessment applied to architecture and, specifically, to technological design and environmental control. The topics covered therefore refer to: (i) The concept of life cycle in construction and meaning of system boundary and functional unit; (ii) Impact categories; (iii) Techniques and tools for inventory analysis and impact assessment. A second cycle of seminars titled “Programming in Python for Scientific Research” has been organised. The first part of the seminar will focus on the development of scientific software using Python language. The second part will be dedicated to the presentation of structured Python programs that are consistent with the research activities of individual doctoral students. During the first year, there will be a day of discussion with the Scientific Committee to present the general idea of the project and the hypotheses for the setting up of the research work. On the same day, a typical doctoral thesis structure will be illustrated.

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There are no seminars or collective training days during the second and third years. Each doctoral student will be invited to attend seminars and conferences specific and related to the scope of his/her research. In addition, the production of scientific publications and participation in national and international conferences on topics related to the subject of individual research is expected. The transition from one year to the next occurs during a seminar that involves doctoral students from all years. On this day, each doctoral student presents: the research topic, the work carried out in the last year and the progress made, the results obtained, the work programme for the following months. This day is preceded by the delivery of a report that will have different contents depending on the year of attendance of the doctoral student. The Scientific Committee will base its opinion on the joint evaluation of the report and oral presentation.

## **Urban and regional planning and policies**

Scientific coordinator: Prof. Anna Marson

Scientific committee

Università Iuav: Matteo Basso, Guido Borelli, Laura Fregolent, Francesca Gelli, Giovanna Marconi, Anna Marson, Francesco Musco, Elena Ostanel, Giuseppe Piperata, Carla Tedesco, Stefania Tonin.

Other universities: Giovanni Allegretti (University of Coimbra), Francesca Cognetti (Politecnico di Milano), Marco Cremaschi (University of Roma Tre) Daniel Cefai (EHESS-Ecole des hautes études en sciences sociales), Giovanni Laino (University Federico II of Naples), Patrick Le-Gales (Université Sciences Po), Francesc Munoz (AUB, Autonomous University of Barcelona), Gabriele Pasqui (Politecnico di Milano), Andreas Philippopoulos-Mihalopoulos (University of Westminster), Gilles Pinson (Université Sciences Po), Brigida Proto (EHESS-Ecole des hautes études en sciences sociales).

Experts: Pier Luigi Crosta, Giulio Ernesti, Liliana Padovani, Margherita Turvani.

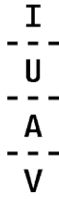
Scientific research in this field aims to develop a strong understanding of the theoretical and methodological frameworks, and to apply a 'policy approach' to various urban and territorial actions, such as plans, programmes, projects and more or less integrated actions. This approach, characterised by attention to the processes (political, administrative, technical, social) of definition of the problems that the policies propose to deal with, of (re)definition of the "public interest" character of the issues dealt with, of interaction between the different actors that mobilise and/or are involved in the construction and implementation of the policies, and the intentional and non-intentional outcomes of the different policies activated, is in particular deepened in relation to:

- the theory and practice of the design, implementation and evaluation of public policies and plans at different scales and in relation to different issues (from different urban policies to territorial heritage and landscape, from local development to the management of change processes at a global scale);
- the participation of citizens in the construction of policies, and the treatment of conflicts;
- land use practices, the production of common goods and their regulation.

The transversality required by these fields of action, with respect to traditional disciplinary areas, is supported by an orientation to interdisciplinary research practices.

In terms of the specific teaching and research activities that complement the transversal training offered by the Bembo Writing Workshop, the course of study for doctoral students in Urban and Regional Planning and Policies is roughly structured as follows.

- ✓ First year: programme of lectures and seminars, from January to July, including a module on theories, one on methodologies and a third on the presentation/discussion of research; in the meetings dedicated to the "research question", it is clarified that defining a research question does not mean choosing a topic, but a key to discussion that will determine the path of the thesis, and indications are given on the various steps that are useful to verify its solidity. Some special sessions will be devoted to the bibliographical essay required for the year, discussing different examples of how a topic can be explored using the different bibliographical resources available.  
For admission to the following year: students must present at the end of the year a bibliographic essay (state of the art) on a subject agreed with the relevant Scientific Committee.
- ✓ Second year: Doctoral students are generally involved in setting up and progressing their dissertation research, which often involves a period of study abroad; discussion of progress is planned through interaction on topics, specific methods and issues with the Scientific Committee, and where useful the organization of seminars dedicated to addressing specific issues relevant to the work program.  
In order to be admitted to the following year, a state of progress of the thesis is required, in which the research question shall be clearly argued, as well as the methodologies adopted to deal with it, and the work program to complete the thesis.
- ✓ Third year: the doctoral students dedicate themselves to the conclusion of the research and the writing of the thesis. There will be at least one meeting dedicated to the intermediate discussion of the progress of the thesis, which at the end of the year must be delivered in the form of a complete draft in all its parts to the scientific committee.



## Design Sciences

Scientific coordinator: Prof. Raffaella Fagnoni

Scientific committee

Università Iuav: Alberto Bassi, Francesco Bergamo, Alessandra Bosco, Emanuela Fanny Bonini Lessing, Fiorella Bulegato, Luca Casarotto, Rosa Chiesa, Pietro Costa, Davide Crippa, Maddalena Dalla Mura, Raffaella Fagnoni, Luciano Perondi, Raimonda Riccini, Michele Sinico, Gianni Sinni, Simone Spagnol.

Research in Design Sciences deals with the theoretical, historical and methodological problems of the discipline in its many forms, also addressed through design and experimental research. Starting from the basic references of the design sciences and a stabilized system of knowledge, research in this field addresses the adaptive, plural and expansive dimension of design, shaping tools and methods, evolving into interdisciplinary dialogue and aiming to trigger positive change at a societal level. It drives a plurality of activities that cross material and immaterial culture, hybridizing design with engineering, biotechnology, philosophy, art, natural, social, ecological and economic sciences, and developing the possibilities offered by data systems, the ability to analyze them, manage them and make them interactively usable thanks to information management.

The aim of research in Design Sciences pursues the objective of allowing doctoral students to acquire personal autonomy in research and the mastery of a system of knowledge and critical tools to understand the contexts and problems of research activities. It aims to train researchers capable of addressing their research questions in relation to issues of the public good. The activities and methods proposed aim to develop useful and appropriate skills to work in collaborative contexts and interact with institutions, with the cultural system of design and with that of companies. The work path, which cannot ignore the roots and cultural references of the context in which it is set - Italy and Venice in particular - aims to combine specific research situations with the most innovative design trends in relation to the environment, culture and society. With regard to the specific teaching and research activities that complement the transversal training provided by the Bembo Writing Workshop, the course of study for doctoral students in the field of Design Sciences offers various training activities.

- ✓ First year: the objective is the focus and definition of the demand and the setting of the research.  
To be admitted to the following year, students must present a report on the activities carried out; a proposal of the research structure and the related progress report. The doctoral students present their research reports and the PhD committee, meeting collectively, will then discuss the evaluation
- ✓ second year: thematic and methodological insights.  
For admission to the following year: report on the activities carried out, the topics dealt with and how they relate to their researches; presentation of a progress report on the thesis and its analytical structure, from the state of the art to the methodologies. The doctoral candidates present their progress and the PhD Committee meets to discuss the evaluation collegially.
- ✓ Third year: thematic and methodological insights.

These activities are carried out through meetings. In particular the "Thematic Tables" activity takes place two or three times a year, usually after the sessions in which the doctoral students present their progress. The "Thematic Tables" consist of 4/5 doctoral students and a few lecturers discussing and confronting each other on their research issues through a previously established key cross-cutting theme. The tables bring together doctoral students from the different cycles according to common themes. Each year there are several meetings with external guests, which include both seminars, masterclasses, and research workshops. Every year the following are organised:

- seminars on research methodology (some of the questions addressed: what is research; when can research be defined as scientific; the constituent materials of research, the scientific method; the nature of research in design)
- meetings and seminars related to the research topics proposed by the doctoral students.

Every two years, the Design Sciences research unit promotes the FRID meeting - doing research in design (<https://www.frid.it/>), a national forum for research doctorates in design, organized in collaboration with the SID - Scientific Reference Society of the design disciplines, which places the doctoral school of the IUAV University of Venice at the forefront at the national level as a reference for exchange and disciplinary comparison activities.

## History of architecture

Scientific coordinator: Prof. Fulvio Lenzo

Scientific committee

Università Iuav: Maria Bonaiti, Massimo Bulgarelli, Fulvio Lenzo, Marzia Marandola, Marko Pogacnik, Federica Rossi, Vitale Zanchettin.

Other universities: Elisabetta Molteni (Ca' Foscari University of Venice), Marco Mulazzani (University of Ferrara), Paolo Nicoloso (University of Trieste), Francesco Repishti (Politecnico di Milano), Luigi Carlo Schiavi (University of Pavia), Luka Skansi (Politecnico di Milano), Marida Talamona (University of Roma Tre).

Experts: Matteo Ceriana, Giovanna Curcio, Mario Piana.

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Scientific research in this field aims to train highly specialised historians of architecture and the city, capable of tackling with awareness and rigour any problem inherent to the discipline in its broadest sense. The activity program aims, in particular, to familiarise the approaches and methods of the discipline in its long historical path, as well as to promote a flexible attitude in the study and an up-to-date exchange with the international scientific community. Attention is paid to the technical aspects of research, such as the knowledge and use of archives and libraries, the reading of handwritten and printed sources and architectural drawings, the direct analysis of artefacts; the acquisition of the most modern techniques of philological research; the diversity of approaches, including those of parallel disciplines, such as the history of art, the history of technology, the history of ideas; knowledge of and visits to the main Italian and foreign centres for the study of the history of architecture; direct experience of research through the preparation of a thesis; and, finally, methods for presenting the results in oral, written and visual form.

With regard to the specific teaching and research activities that accompany the transversal training provided by the Bembo Writing Workshop, the course of studies for doctoral students in the field of architectural history is roughly structured as follows.

- ✓ First year: first year doctoral students are invited to take an active part in an industry seminar, a seminar given by an internal or external professor of the Scientific Committee of the History of Architecture Research Field, which takes place from October to April. The topics covered concern a well circumscribed topic and they tend to be included in a chronological span that can vary from the Middle Ages to the contemporary. The seminar consists of three ex cathedra lectures, a conference, the assignment of research topics, meetings between the doctoral students and the seminar leader, and a final presentation by the doctoral students after the drafting of a paper. A second, shorter seminar is organised in the second semester.  
For admission to the following year it is necessary to successfully pass the two seminars and participate in the activities proposed by the field during the year.
- ✓ Second year: Second year doctoral students will be primarily engaged in research for their dissertation and will be called to account for this research at least once per semester by presenting specific topics, problems and issues to their peers and the Scientific Committee, which may also include external experts on such occasions.  
For admission to the following year it is necessary to successfully pass the thesis progress and participate in the activities proposed by the field during the year.
- ✓ Third year: Third year doctoral students present their research progress at least twice a year on dedicated days with the participation of all other doctoral students, the Scientific Committee and possibly external professors.

Seminars and conferences on topics of interest in the field are also offered every year, as well as seminar meetings involving doctoral students from the different cycles.

Each year, one or more study trips are organised, lasting from two to ten days. PhD students are required to prepare presentations to be held on site.

## Urbanism

Scientific coordinator: Prof. Maria Chiara Tosi

Scientific committee

Università Iuav: Marta De Marchi, Lorenzo Fabian, Viviana Ferrario, Stefano Munarin, Michela Pace, Maria Chiara Tosi, Luca Velo, Paola Viganò.

Other universities: Federico Zanfi (Politecnico di Milano), Enrico Formato (University Federico II of Naples), Giulia Testori (JRC Seville)

Experts: Franco Mancuso, Mirko Zardini

Scientific research in this field aims to provide a background of research and theoretical reflection relevant to analytical-design practices related to urbanism, combining research activity with design activity, which is an inescapable part of cognitive strategies. The aim of the training is also to reflect on the theoretical background of techniques for analysing and processing territorial information and on their field of application. The object of study and research is and will remain, in general, the "urban project", a term by which we want to refer to a broader field of "urban planning" and to understand both what is usually indicated by the terms "urban and territorial policies" and what is indicated by the terms "urban project". The urban project is understood as the set of activities through which a specific scientific-professional group has tended and tends to redefine the environmental conditions, including urban and territorial ones, within which the process of social reproduction takes place.

With regard to the specific teaching and research activities that complement the transversal training provided by the Bembo Writing Workshop, the course of studies of doctoral students in the urbanism field is roughly structured as follows.

- ✓ First year: cycle of seminars "Doing Research in Urbanism", a cycle of seminars on themes, approaches, attitudes, tools, styles, research experiences in the disciplinary field of Urbanism.  
For admission to the following year: at the end of the year, doctoral students must present a bibliographical essay (state of the art) on a subject agreed with the relevant Scientific Committee.
- ✓ Second year: a master class consisting of a two-day seminar dedicated to a specific topic with experts invited to present ongoing research. The doctoral students play an active role in defining the theme, identifying the interlocutors and introducing and discussing the interventions of the invited guests. The contributions presented during the Masterclass are then collected and processed by the doctoral students themselves and are incorporated into the publication of a Doctoral Notebook in Urbanism, which has reached number 12.

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For admission to the following year: at the end of the year, presentation by the doctoral students of a draft of the thesis, including the theme, the object, the research hypothesis, the analytical structure, the positioning, the study case(s).

- ✓ Third year: A "Bernardo Secchi Walk", lasting 1-2 days in a city (Naples in 2022, Lecce in 2023, Rome in 2024), aimed at discussing a theme by exploring urban spaces. In 2024, the hypothesis is to go to Rome to explore the theme of urban planning standards. At the end of the year, the doctoral students will present an advanced draft of the thesis with an analytical index, introduction, chapters and conclusions.

The transition from one year to the next takes place in a laboratory environment. There are groups of doctoral students (3/4), transversal to the cycles on the basis of thematic affinities or approaches. The groups write and present a collective position paper on the indicated topic and individually present their research. Teachers from outside the field are invited as discussants.

## **Villard de Honnecourt international track**

Scientific coordinator: Prof. Giuseppe Ciorra (University of Camerino)

Scientific committee

Università Iuav: Fernanda De Maio, Alberto Ferlenga, Sara Marini.

Other universities: Piotr Barbarewicz (University of Udine), Giuseppe Ciorra (University of Camerino), Giovanni Corbellini (Polytechnic of Turin), Roberto Cavallo (TU-Delft), Virginie Picon-Lefebvre (Paris-Belleville), Sergio Martin Blas (UPM Madrid), Heidi Sohn (TU-Delft).

Experts: Aldo Aymonino; Maristella Casciato; Marco De Michelis.

The path, activated in collaboration with Ecole Nationale Supérieure d'Architecture de Paris-Belleville (France) and Universidad de Madrid (Spain), deals specifically with a theme that can be identified as "Post-Urbanism". In particular, it concerns the reading of phenomena related to architecture, landscape and the city in the temporal context in which we live. The program chooses to observe these issues in relation to the contemporary theoretical and cultural debate, the difficult evolution of the figure of the architect, the elements of the geopolitical and ecological framework that strongly influence the theory and practice of architecture. The research of doctoral students are encouraged to will have to delve into this intellectual and physical landscape by focusing on its origins, derivations, intersections with multidisciplinary aspects starting from the assumption that architecture, despite its disciplinary autonomy, is a medium capable of defining new relationships. The VdH program also pays particular attention to forms and methods of architectural communication and pedagogy, encouraging research focused on editorial and literary production linked to architecture and exhibition and curatorial culture.

With regard to the specific teaching and research activities that complement the transversal training provided within the Bembo Writing Workshop, the students' curriculum is roughly structured as follows.

The Villard d'Honnecourt track positively evaluates and encourages the development of continuous and direct exchanges between the individual doctoral student and the members of the Scientific Committee. It focuses on theoretical reflection, interdisciplinary dialogue and, consequently, exchanges between doctoral students and experts outside the Iuav School. Consistent with this assumption, the work program offered to Villard d'Honnecourt doctoral students has a double line of development. The first is more related to ongoing mentoring and involvement in specific activities in each of the participating schools and in the context of direct doctoral-tutor relationships. The second is instead based on the organization of 3-4 collegial seminars to be held along the various venues/institutions involved. Each year one or two of these seminars are organized directly by the doctoral students and include the presence of external guests and lecturers.

### First year:

three plenary seminars are planned. The first coincides with evaluating the first and second year doctoral students and welcoming new doctoral students. The second seminar focuses on the setting up of new research projects, while the third seminar, which takes place in early autumn, focuses on the presence of external examiners.

### Second year:

four collegial seminars are planned, at least one of which will be held in one of the foreign venues, with the same methods indicated for the first year.

### Third year:

the regular activities of the doctorate, i.e. the organisation of the four seminars, are accompanied by a collective work aimed at designing and producing a new issue of the Villard Journal, the architecture publication attached to the program.

The Villard d'Honnecourt research area particularly encourages internationalization and the relationship with non-academic cultural institutions, such as museums, research centres, etc. During at least two of the three years of the course, it is recommended that doctoral students undertake periods of study abroad. This may include attending schools and institutions that are not affiliated with the VdH network.