

ARCHITECTURE AND DESIGN CULTURE

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Starting date of the PhD Programme	01/11/2019
Duration	3 calendar years
Language of the PhD Programme	Italian and English
Mandatory stay abroad	Yes (6 months)

Research topics

Architecture

- Architectural composition
- Theory of architectural design
- Autonomy of architecture
- Space, form and structure in architecture

Planning and urban design

- Sustainability in planning and in urban design
- Relations between planning and environment/landscape protection and valorization
- Urban regeneration: techniques, tools and experimentations
- Theories of planning and urban design

Construction Technologies and building performances- Sustainable building design

- Energy efficient building
- Architectural building renovation
- Project and construction process management
- Innovation Technologies
- Indoor quality and building performances
- Outdoor quality, climate change adaptation and mitigation strategies

Advanced design

- Design driven product and service innovation
- Advanced design cultures: beyond processes and thinking
- Design thinking social innovation
- Industry 4.0
- Cultural and Creative Industries
- Social Innovation Visions of the futures in material forms: a dynamic relationship between past, present, and future

Cultural Heritage

- Protection, Restoration and Preservation
- Technologies for conservation
- Digital Heritage
- Design for Cultural Heritage in the digital era
- Humanities and Technology for Cultural Heritage
- Cultural Heritage and sustainability

Architectural humanities

- History of architecture
- History of design
- Aesthetics of design and architecture
- Aesthetics of everyday life
- Philosophy and architecture
- Architecture and arts
- Architecture and literature, film, tv
- Urban and visual culture

PhD positions and scholarships

Position n.	Financial support	Description	Positions linked to research subjects
1	PhD Scholarship	Totally funded by the University of Bologna general budget	
2	PhD Scholarship	Totally funded by the University of Bologna general budget	
3	PhD Scholarship	Totally funded by the University of Bologna general budget	
4	PhD Scholarship	Totally funded by the University of Bologna general budget	
5	PhD Scholarship	Funded by the University of Bologna general	Urban regeneration and energy

		budget and co-financed by the Architecture Department (I.I.P.L.E. Agreement)	requalification (ICAR20)
6	PhD Scholarship	Funded by the University of Bologna general budget and co-financed by the Architecture Department (IMA GD Agreement)	Advanced Industrial Product Design (ICAR13)
7	PhD Scholarship	Financed by MIUR under the "Departments of Excellence" initiative	Projects, theories, figures. Architectures for the European city. (research carried out in English)
8	PhD Scholarship	Financed by MIUR under the "Departments of Excellence" initiative	3D digital reconstruction as a research environment in the history of art and architecture (research carried out in English)

Positions linked to specific research subjects: during the oral test, applicants may express to the Admission Board their interest in one or more positions linked to specific research subjects. Considering the expressions of interest above, the Admission Board will establish if the applicants can be considered eligible for the allocation of the positions linked to specific research subjects, taking into account their skills, experience and aptitude.

Admission requirements

Please, see art. 2 of the Call for applications

Mandatory documents to be attached to the application

Please, see art. 3 of the Call for applications

Further qualifications that may be attached to the application, if in possession of the applicant (only qualifications attested by documents drawn up in Italian, English, French, German and Spanish shall be considered as valid and assessed by the Admission Board)

- Abstract of the second cycle master's degree thesis. Undergraduate applicants may submit the draft of the thesis approved by their supervisor (please, note that abstracts cannot exceed 5.000 characters, including spaces and formula possibly used. The above figure does not include: the title of thesis, the outline, and images such as graphs, diagrams, tables etc. - where present);
- No more than 3 reference letters signed by Italian and international academics and professionals in the research field, which do not form part of the Admission Board, attesting the suitability of the applicant and his/her interest for the scientific research.
Please, note that the above letters cannot be uploaded by applicants. When filling the online application form on <http://studenti.unibo.it>, applicants will be only allowed to provide the email accounts of the requested academic/professional. The latter shall receive an email from the University of Bologna providing for the instructions for uploading. Only letters in pdf format submitted before the expiry date and time of the Call shall be accepted.
- Multi-annual research project, with special emphasis on the activities to be completed during the first-year course. The proposal must meet the following requirements:
 - o It cannot exceed 20.000 characters, including spaces and formula possibly used. This figure does not include: the title of project, the outline, references and images (such as graphs, diagrams, tables etc - where present);
 - o It must include: the state of the art; description of the project; expected results; lead-time for implementation; (proposed) criteria to be used to assess the findings obtained; references.

The research projects that successful applicants shall carry out during their doctoral career may possibly differ from the project proposed at the application stage. This shall be defined together with the supervisor and approved by the Academic Board.
- Motivational letter. This must include the reasons prompting the applicant to attend the PhD Programme and those relevant experiences and research interests, that make the applicant suitable for the specific PhD Programme (3000 characters maximum, including spaces).
- List of the publications (monographs, articles published on scientific journals, books' chapters).
- List of the minor publications (conference papers, etc.).
- List of the abstracts and posters presented during national and international conferences, etc.).
- Professional Master courses completed in Italy (1st or 2nd level) relevant to the PhD Programme.
- Postgraduate vocational training programmes/specialisation programmes relevant to the PhD Programme.
- Summary of the thesis defended within the framework of professional Master courses (1st or 2nd level) or Specialization Schools (3th level). The summary cannot exceed 2000 characters.
- Teaching activity carried out at university level.
- Research activity of any kind - whether basic, applied, translational, etc - carried out in any capacity, including when covered by research grants, and as a staff member of research projects.
- Work activities.
- Vocational internships;
- Curricular and non-curricular training and guidance internships
- Documents attesting the knowlegde of foreign languages
- Study periods completed by students outside their countries of origin (e.g. Erasmus programme or other similar mobility programmes).
- Other qualifications attesting the suitability of the applicants (scholarships, prizes, etc).

Admission exams (art. 4 of the call for applications)		
Examination type	Schedule (please, note that applicants shall not receive any communication concerning the exams schedule)	Examination results publication (please, note that applicants shall not receive any communication concerning the publication of results)
Qualifications and research project evaluation	Non-presential.	The results of the qualifications and research project evaluation shall be available online starting from the 07/06/2019 at the page http://studenti.unibo.it (please, select “summary of the requests in progress” - “see detail” and open the pdf file “risultati valutazione titoli e progetto”)
Oral examination	Date	18/06/2019 In case that the oral examination cannot be completed in one day due to the large number of applicants, the oral exam schedule shall be made available at the webpage http://studenti.unibo.it together with the results of the qualifications and research project evaluation
	Place	Viale Risorgimento 2 - Bologna Dipartimento di Architettura Ex-Biblioteca – 2nd floor
	Time	10:00 a.m.
	Applicants can ask to take the exam remotely using Skype. For further details please refer to the relevant provision laid down in art. 4 of the Call for applications.	
Evaluation criteria		
Points will be allocated to applications out of a total of 100 on the basis of the following weighting:		
1. Qualifications and research project		
<ul style="list-style-type: none"> - Minimum for admission to the oral exam: 30 points - Maximum: 50 points <p>Only qualifications relating to the last 5 calendar years prior to the calendar year of publication of the Call for applications shall be taken into consideration, with the exception of the University Degree (Diploma di laurea). Please, note that qualifications must be consistent with the PhD Programme.</p> <p>Points relating to qualifications shall be allocated on the basis of the following criteria:</p> <ul style="list-style-type: none"> - Graduation final mark. Undergraduates shall be evaluated on the basis of the Weighted Average Mark (WAM): max 5 points - Publications and other qualifications giving proof of the applicant expertise (scholarships, prizes, etc): max 10 points <p>Points relating to the research project shall be allocated on the basis of the following criteria:</p> <ul style="list-style-type: none"> - Scientific value and ground-breaking nature of the proposal: max 25 points - description and structure of the proposal: max 5 points - proposal feasibility: max 5 points 		
2. Oral examination		
<ul style="list-style-type: none"> - Minimum for inclusion in the final ranking list :30 points - Maximum: 50 points <p>Oral examination includes the presentation of the research project and is intended to assess the suitability of the applicant in respect of the pursuing of scientific research as well as the general knowledge of issues connected to the PhD Programme.</p> <p>During the oral examination, knowledge of the following foreign languages shall be assessed: English, French, German or Spanish.</p> <p>The oral examination is carried out in Italian or in English.</p> <p>Points relating to the oral examination shall be allocated on the basis of the following criteria:</p> <ul style="list-style-type: none"> - knowledge of foreign language: max 10 points - research project presentation: max 30 points - general knowledge of issues connected to the PhD Programme: max 10 points <p>Possible evaluation sub-criteria will be available on the Unibo website, selecting the relevant PhD Programme → “PhD programme information” at the bottom of the page in the section “Notices”.</p>		
Final ranking list and enrolment (arts.6 and 7 of the Call for applications)		
<p>After the publication of the results of the oral exam, the final ranking list will be available on the Unibo website, selecting the relevant PhD Programme → “PhD programme information” at the bottom of the page in the section “Notices”.</p> <p>Following the publication of the final ranking list, successful applicants must enroll on http://studenti.unibo.it by the deadline indicated on the Unibo website, selecting the relevant PhD Programme → “PhD programme information”.</p>		