PhD School - Politecnico di Milano
Regulations of the PhD Programme in:

Urban Planning, Design and Policy

Cycle XXXVII

Location: Milano Leonardo
1. General Information

PhD School - Politecnico di Milano

PhD Programme: Urban Planning, Design and Policy - UPDP

Location of the PhD Programme: Milano Leonardo

Promoter Department: Department of Architecture and Urban Studies (DASTU)

Scientific Disciplinary Sectors:
- ICAR/20 - Urban and regional planning
- ICAR/21 - Urban and landscape planning
- ICAR/17 – Drawing
- M-GGR/02 - Economic and political geography
- SPS/04 - Political science
- SPS/09 - Economic sociology and sociology of work and organisations
- SECS-P/06 - Applied economics

PhD School Website: [http://www.polimi.it/phd](http://www.polimi.it/phd)

PhD Programme Websites:
- [www.dastu.polimi.it/dottorato-urbanplanning/](http://www.dastu.polimi.it/dottorato-urbanplanning/)
- [www.dottorato.polimi.it/en/phd-programmes/active-phd-programmes/urban-planning-design-and-policy/](http://www.dottorato.polimi.it/en/phd-programmes/active-phd-programmes/urban-planning-design-and-policy/)

2. General presentation

The PhD programme in Urban Planning, Design and Policy (UPDP) explores the significance and impact of contemporary urban changes and understand how these processes can be governed through planning, design, and policy-making activities. The programme pays specific attention to the transition towards new, more sustainable and equitable modes of urban development and pro-active planning practices and potential innovations in traditional urban studies, urban design, and policy approaches.

The integration between different fields and disciplines of urban research on the one hand and between theory and practice on the other distinguishes the approach promoted by this PhD programme.

The UPDP programme's objective is to provide PhD students with analytical and interpretative tools and research methods to advance research frontiers in urban studies, spatial planning, urban design, urban policy, and governance.

PhD students are encouraged to reflect upon traditional and innovative practices in these fields by participating in research activities concerning cities and regions in Italy and abroad, paying particular attention to international comparison. This approach is fostered through the organisation of international seminars and a period of internship to be carried out by the PhD student at one of the
research institutes, universities or public agencies that constitute the international reference network of the UPDP programme.

The PhD programme in Urban Planning, Design and Policy welcomes foreign and Italian candidates. English is the official language of the programme.

The UPDP programme takes advantage of the rich research milieu of the Department of Architecture and Urban Studies (DAStU) and the cooperation with two other PhD programmes offered by DAStU ("Architectural Urban and Interior Design" and "Preservation of the Architectural Heritage").

As a Department of Excellence in recognition of the Italian Agency of Evaluation of Research, DAStU operates in the fields of architectural and urban projects; spatial planning and territorial governance; urban policy, conservation and intervention on the built heritage and natural environment; historical and critical interpretation of architecture; and cities and territories. The Department carries out research and fieldwork on the transformation, care, and governance of historical and contemporary settlements and landscapes based on environmental, social, and economic sustainability principles.

DAStU is one of Italy's most important research structures for town and country planning, embedded in a well-established international network of centres of excellence, cooperating with institutional and social actors at the local, national and international level. Laboratories that test new methods and techniques represent the basic research structure. Professors, researchers, staff and external collaborators are aggregated into four Research Lines: architecture, urban planning, human sciences, along with history, representation and preservation. Thanks to its multidisciplinary approach, the Department offers expertise and on-going projects in a plurality of areas and organisations, including European, national, regional and local authorities, social and economic-based groups, and research institutions.

A Coordinator and a Faculty Board run the PhD programme. The Coordinator presides the Faculty Board, coordinates the annual Educational Programme's preparation, and organises the PhD programme's general educational activities (see Attachment A1). The Faculty Board is responsible for the Educational programme and administrative activities related to the PhD programme management (see Attachment A2).

3. Objectives

The PhD programme focuses on territorial, social, economic and institutional transformations in contemporary cities. It discusses them as a complex of intertwined phenomena, which calls for new governance, planning and design approaches. This PhD programme is a place for research and innovative approaches to urban studies, spatial planning, and urban design by establishing a dialogue with the best European and International schools.

Based on a multidisciplinary approach, the educational programme's main objectives and the individual research activities offer PhD students a challenging environment with space for international debate,
research, experimentation, and innovation.

From this perspective, the main courses and workshops focus on the following research areas:

- **Planning theories and practices.** Urban planning is not a unitary or self-contained discipline, and planning knowledge and activities can be improved by delving into (and jointly considering) both theoretical and practical issues. The cultures, ethics, traditions and paradigms of planning are varied and have been evolving differently according to their geographical, institutional and political context. Similarly, planning practice is multiform and can be understood from several perspectives. Studying the characteristics, peculiar interpretations, and effects of planning practices constitutes a second relevant research field. Thirdly, the crossroads’ selection and discussion between planning and other disciplines can dramatically innovate planning theories and practices.

- **Design topics, forms and tools.** In a scenario of changing socio-economic, environmental and territorial conditions, theoretical and technical issues for the construction of urban projects and the implementation of governance policies are being experimented with to improve life quality. Among them, specific research themes are the role and form of the urban projects in leading territorial transformations; strategies for land and biodiversity preservation and energy conservation; tools for the evaluation and management of urban projects aimed at mastering the feasibility and equity of land development, as well as the sustainability and the design quality of the built environment.

- **Urban studies.** Contemporary cities worldwide face increasing challenges regarding local democracy, sustainable development, management of environmental resources and landscape, social cohesion and cultural diversity. Looking at recent cross-scalar urban changes, the main research topics are forms and processes of the spatialisation of social and economic inequalities; urban segregation; differentiation of urban populations; processes and institutions of urban governance; the spatial impact of social innovation; forms and processes of regionalisation and processes of social, economic and territorial development in local contexts.

The three research areas reflect the contents and themes of on-going research at DAStU and represent a framework of future proposals.

### 4. Professional opportunities and job market

According to its international orientation, the programme intends to train highly qualified researchers and professionals and expects them to work in academic institutions, research centres, public administrations and the private sector in spatial planning, design and management of urban projects and policy, urban studies and urban governance. PhD graduates with such a profile are qualified to be employed by Italian and International academic institutions, public bodies and research centres as well as public and private development agencies.

### 5. Enrolment

#### 5.1 Admission requirements
Italian and International citizens can apply. They are requested to have graduated in accordance with the pre-existing laws D.M. 3.11.1999 n. 509, or to have a Master of Science degree in accordance with D.M. 3.11.1999 n. 509, or a Master of Science in accordance with D.M. 22.10.2004 n. 270, or similar academic title obtained abroad, equivalent for duration and content to the Italian title, with an overall duration of university studies of at least five years.

Certified knowledge of the English language is a requirement for admission. Please refer to the PhD School website for details.

The admission to the programmes will be established according to the evaluation of the candidates' curricula, motivation letters, and an illustrative report about the development of a possible PhD research, which candidates will send contextually with their application to the admission announcement.

Particular attention is given to research proposals dealing with the following topics, suggested by the three research areas:

**Planning theory and practices**

- Multiple institutional levels and planning rules
- After implementation: retrospective research on plans and policies and their effects
- Planning in the face of transnational finance, networks and projects

**Design topics, forms and tools**

- Architects, Engineers, Planners: spatial thinking, new urban imaginaries and tools
- Spatial planning in a green deal perspective for human well-being, tourism and the sustainability of the contemporary cities and landscapes
- Towards a context-sensitive post-car transition. Policies and project to support equity and sustainable mobility

**Urban Studies**

- New structures of spatial and socio-economic inequalities, local welfare policies and labour market, new working spaces, social inclusion and spatial regeneration: social justice, social cohesion, redistribution, social investment, sustainability, transformations in the labour market and space implications.
- Ageing in different urban/rural contexts, between autonomy and support: issues in housing, care, accessibility, mobility and social relations.
- Beyond city-ism and metropolitan-ism: new spatial imaginaries, emerging forms of agencies and the necessity of interrelated and trans-scalar approaches to governance problems in large urban regions.

**5.2 Admission deadlines and number of vacancies**

The number of available positions is indicated in the Call for admission to the 37th PhD cycle.
Programmes: http://www.polimi.it/phd.
Scholarships both on general and on specific themes are available according to what is specified in the Call for admission.

6. Contents

6.1 Requirements for the PhD title achievement
The achievement of the PhD title in Urban Planning, Design and Policy requires a study and research activity of at least three years equivalent of full-time study, research and PhD thesis development. PhD candidates in Urban Planning, Design and Policy must earn 25 course credits (see paragraph 6.3 below) and continuously conduct studies and research.

At the beginning of the course, the Faculty Board assigns a tutor to each PhD candidate to supervise and assist him/her in the overall training programme. The tutor shall be a professor belonging to the Faculty Board. The tutors help the candidates choose courses to be included in the study plan, which is eventually submitted for approval to the PhD Programme Coordinator (see also section 6.4 below). The Faculty Board may assign extra course credits to one or more candidates if they need to complete their preparation in specific topics relevant to their research projects.

6.2 Research development
The main aim of all Politecnico di Milano PhD programmes is developing in the candidates a research-oriented mindset, with expertise and skills in a specific research topic. To this end, candidates develop a problem-solving capability in complex contexts, including the capacity of performing in-depth problem analysis, identifying original solutions, and evaluating their applicability in practical contexts. These skills provide PhD candidates with significant development opportunities in their research both in academic and public/private organisations.

PhD candidates are requested to develop an original research contribution. The PhD thesis must thus contribute to increasing the knowledge in the candidate's research field. Besides, it has to be coherent with the research topics developed in the Department, where the PhD Programme is based. The original research results are collected in the PhD thesis. The candidate's contribution is assessed with respect to state of the art in the specific research field.

The PhD research is developed under the guidance of a supervisor, who supports the candidate in the setting-out and the everyday activities related to thesis development. The supervisor is not necessarily a Faculty Board member and may be affiliated to an institution different from Politecnico di Milano. One or more co-supervisors may support the supervisor. Other activities intended to develop the candidate's skills and research expertise are encouraged during the PhD path.

Candidates must acquire the capability to present and discuss their work in their research community. Consequently, both participation in international conferences and the publication of the research results in peer-reviewed journals are encouraged.

The PhD programme favours the candidates' interactions with other groups in their research field, preferably abroad. Research visits of at least three months are strongly encouraged as, through them, the candidates may acquire different skills to develop their research work and thesis. The duration of the programme is generally three years.
6.3 Objectives and the general framework of the teaching activities

The PhD Programmes and the PhD School activate teaching forms of a different kind and credit value, including courses, seminars, project workshops, laboratories. Teaching activities cover the research issues (problems, theories, methods) representing the PhD Programme's founding elements and identifying its cultural position.

Lessons are held in English, except when indicated otherwise. The PhD programme includes at least one complete path delivered in the English language. Structured teaching activities allow earning ECTS credits. Other activities, typically specialised and for which it is difficult to evaluate the learning and its quantification, fall within the scientific activities of which the Faculty Board takes into account in the overall evaluation. Still, they do not allow to earn ECTS.

The PhD School of Politecnico di Milano proposes courses aiming to train the PhD candidates in soft and transferable skills. The skills and abilities provided by these courses help candidates across different areas of their careers in order to respond to the rapidly evolving needs of the global economy and society. The PhD School courses activated for the 2021-2022 Academic Year are listed on http://www.dottorato.polimi.it/en/during-your-phd/phd-school-courses

At least 10 of the 25 course credits that each candidate is required to earn shall be obtained through soft and transferable skills courses organised by the PhD School.

The courses and workshops activated by the UPDP programme in the first year are the following:

- Course on research design and methods
- Planning and design research workshop

Each learning activity is subject to grading through oral examination and the submission of written papers. More details are available on the PhD programme's website.

At the end of the first year, PhD students must submit a research project for their PhD dissertation. The second year's admission is subject to a positive evaluation of the individual research project by the Board of professors.

The core activities of the second year are:

- an internship of six months in a foreign university or agency working in the field of urban planning and policy;
- at least one paper presented to an international journal and the participation in an international conference as a speaker.

During the third year, the PhD candidate should devote his/her time to the PhD thesis's research and development. For each candidate, a member of the Board is appointed as a tutor responsible for supervising and supporting the candidate's work. The tutor and the whole Board will support the theses' preparation and hold regular meetings with the candidates. In particular, two moments of in-depth discussion of the contents of the theses are foreseen:
• Before the end of the second year, each PhD student will be required to organise a seminar at Politecnico di Milano to discuss the on-going work of research and initial outcomes – position paper, methodology and main contents – with scholars invited from outside the Department;
• By the end of October of the third year, each student will be required to present the PhD thesis draft and discuss it with the Supervisor and the Board of Professors.

The tables below summarise the candidate’s path (as regards coursework activities). Simultaneously, the programme foresees that the candidates are devoted to research activity in a continuous way, following the lead of their supervisors and the Faculty Board.

**First Year**

<table>
<thead>
<tr>
<th>Types of Courses</th>
<th>Course titles</th>
<th>Number of credits</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD School Courses</td>
<td>Two courses freely chosen by the PhD candidate</td>
<td>10</td>
<td>The list is available on <a href="http://www.dottorato.polimi.it/en/during-your-phd/phd-school-courses">http://www.dottorato.polimi.it/en/during-your-phd/phd-school-courses</a></td>
</tr>
<tr>
<td>Courses characterising the PhD programme</td>
<td>Introduction to Research Methods in Urban planning, design and policy</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Workshop on territorial fragilities</td>
<td>10</td>
<td></td>
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</tbody>
</table>

**Second year**

<table>
<thead>
<tr>
<th>Types of activities</th>
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</thead>
<tbody>
<tr>
<td>Activities related to thesis writing</td>
<td>Submission of an article to a peer-reviewed international journal and/or participation in an international conference as a speaker</td>
</tr>
<tr>
<td></td>
<td>Internship abroad in a foreign university or agency</td>
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<tr>
<td></td>
<td>Milestone: evaluation of the content of the thesis</td>
</tr>
</tbody>
</table>

**Third year**

In the third year, the candidate should be devoted entirely to the development of the PhD thesis. By the end of July, candidates present their draft thesis in a seminar with the participation of expert discussants. By the end of October, candidates discuss the final draft of the thesis with the Supervisor and the Board of Professors.

**PhD Course List**
A) The PhD programme in Urban Planning, Design and Policy organises the **Characterising Courses** listed in table A. For admission to the final exam, the acquisition of at least 15 credits in this list is **mandatory**. These credits must be acquired through the "characterising" PhD courses offered by the PhD programme.

B) The PhD School organises every year general and Interdoctoral courses. The acquisition of **at least 10 credits** is **mandatory** among the courses of B type. The list of PhD courses organised by the PhD School is the following:

<table>
<thead>
<tr>
<th>Professor</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliverti</td>
<td>Ethics in Research</td>
</tr>
<tr>
<td>Armondi</td>
<td>Strengthening Critical Spatial Thinking</td>
</tr>
<tr>
<td>Arnaboldi</td>
<td>Advanced Interaction Skills for Academic Professionals</td>
</tr>
<tr>
<td>Balducci</td>
<td>Approaches to Resilience: Social, Economic, Environmental and Technological Challenges of Contemporary Human Settlements</td>
</tr>
<tr>
<td>Biscari</td>
<td>English for Academic Communication</td>
</tr>
<tr>
<td>Cardilli</td>
<td>European Culture</td>
</tr>
<tr>
<td>Chiodo</td>
<td>Epistemology of Scientific and Technological Research (Technologies Reshaping Humans)</td>
</tr>
<tr>
<td>Di Blas</td>
<td>Professional Communication</td>
</tr>
<tr>
<td>Gianinetto</td>
<td>The Copernicus Green Revolution for Sustainable Development</td>
</tr>
<tr>
<td>Iarossi</td>
<td>Power of Images and Visual Communication for Research Dissemination</td>
</tr>
<tr>
<td>Jacchetti</td>
<td>Communication Strategies that Score in Worldwide Academia</td>
</tr>
<tr>
<td>Lavagna</td>
<td>Sustainability Metrics, Life Cycle Assessment and Environmental Footprint</td>
</tr>
<tr>
<td>Mancini</td>
<td>Project Management (in Action)</td>
</tr>
<tr>
<td>Masarati</td>
<td>Ethical Aspects of Research on Dual-Use Technologies</td>
</tr>
<tr>
<td>Ossi</td>
<td>Sulla responsabilità della tecnica</td>
</tr>
<tr>
<td>Paganoni</td>
<td>La comunicazione nella scienza</td>
</tr>
<tr>
<td>Pizzocaro</td>
<td>Practicing research collaboration / La pratica della collaborazione nella ricerca</td>
</tr>
<tr>
<td>Raos</td>
<td>Science, Technology, Society and Wikipedia</td>
</tr>
<tr>
<td>Sancassani</td>
<td>Teaching methodologies, strategies and styles</td>
</tr>
<tr>
<td>Valente</td>
<td>Scientific Reasoning: Philosophy, Logic and Applications</td>
</tr>
<tr>
<td>Volontè</td>
<td>Introduction to academic research</td>
</tr>
<tr>
<td>Zani</td>
<td>Laboratorio di insegnamento a classi numerose</td>
</tr>
</tbody>
</table>

C) **Other PhD courses**
Credits can be obtained by choosing from other courses provided by other PhD programmes of Politecnico di Milano and other universities. In this case, the prior approval of the tutor and the Coordinator is required.
PREPARATORY COURSES
Suppose the supervisor and the tutor find it useful or necessary that the candidate attends preparatory courses (chosen among the activated courses at the Politecnico di Milano). In that case, the Board of Professors may assign some extra-credits to be acquired to complete the training path. The credits earned in this way will be considered additional concerning the mandatory credits earned with the PhD courses.

SPECIALISTIC COURSES, LONG-TRAINING SEMINARS
The attendance of Specialist Courses, Workshops, Summer Schools, Seminar series is encouraged and (if these seminars, workshops are certified and evaluated) may allow acquiring credits according to the procedures established by the Board of Professors and previous approval of the study plan submitted by the candidate. These courses and workshops can be inserted in the study plan, even if they are not evaluated (and therefore not qualified as credits), as optional "additional teaching".

The scheduled course planning for the academic year 2021-22 follows. More courses may be activated during the year. In this case, the candidates will be promptly informed and allowed to insert these new courses into their study plan.

Table A: PHD COURSES CHARACTERISING THE PHD PROGRAMME

<table>
<thead>
<tr>
<th>SSD</th>
<th>Name of the Course</th>
<th>Professors</th>
<th>A.Y./Semester</th>
<th>Language</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPS/09</td>
<td>Introduction to Research Methods in Urban planning, policy and design</td>
<td>Stefania Sabatinelli, Scira Menoni</td>
<td>2021/22, 1st</td>
<td>English</td>
<td>5</td>
</tr>
<tr>
<td>ICAR/20</td>
<td>Workshop on territorial fragilities</td>
<td>Andrea Arcidiacono, Gabriele Pasqui, Ilaria Mariotti, Davide Ponzini, Andrea Rolando</td>
<td>2021/22, 2nd</td>
<td>English</td>
<td>10</td>
</tr>
</tbody>
</table>

Table B SUGGESTED CROSS–SECTORAL COURSES

<table>
<thead>
<tr>
<th>SSD</th>
<th>Name of the Course</th>
<th>Professor</th>
<th>Year</th>
<th>Language</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICAR/20</td>
<td>Approaches to Resilience: Social, Economic, Environmental and Technological Challenges of Contemporary Human Settlements</td>
<td>Alessandro Balducci</td>
<td>2021/22</td>
<td>English</td>
<td>5</td>
</tr>
<tr>
<td>M-GGR/02</td>
<td>Strengthening critical spatial thinking</td>
<td>Simonetta Armondi</td>
<td>2021/22</td>
<td>English</td>
<td>5</td>
</tr>
</tbody>
</table>

6.4 Presentation of the study plan
PhD candidates must submit a study plan, which may be revised periodically (approximately every three months), in order to accommodate them to possible changes in the course list or needs motivated by the development of their PhD career. The PhD programme coordinator must approve the study plans according to the Faculty Board of the PhD programme’s modalities.

6.5 Yearly evaluations
Candidates present their work to the Faculty Board at least once a year. In particular, the candidates must pass an annual evaluation to be admitted to the following PhD year. The third-year review establishes the candidate’s admission to the final PhD defence. As a result of each annual evaluation, the candidates who pass the exam receive an assessment (A/B/C/D) and may proceed with the following year’s enrollment. Candidates who do not pass the exam are qualified either as "Repeating candidate" (Er) or "not able to carry on with the PhD (Ei)". In the former case (Er), the candidates are allowed to repeat the PhD year at most once. The PhD scholarships – if any – are suspended during the repetition year. In the latter case (Ei) the candidates are excluded from the PhD programme and lose their scholarships – if any. In case the Faculty Board holds appropriate to assign an exclusion evaluation (Ei) directly without a previous repetition year, the request must be adequately motivated and validated by the PhD School. After the final year, candidates who have achieved satisfactory results but need more time to draw up their theses may obtain a prorogation of up to 12 months.

6.6 PhD thesis preparation
The main objective of the PhD career is the development of original research contributions. The PhD thesis is expected to contribute to advancing the knowledge in the candidate’s research field. The PhD study and research work are carried out full time during the three years of the PhD course. Stages or study periods in (Italian or International) companies or external Institutions may complete the candidate’s preparation. The resulting theses need to be coherent with the research issues developed in the Department where the PhD programme is developed. Candidates must present an original thesis and discuss its contribution to the state of the art in their relevant research community. The PhD research is developed following the lead of a supervisor, who supports the candidate in the setting out and everyday activities regarding the thesis development. At the conclusion of the PhD studies, the Faculty Board evaluates the candidates. Candidates who receive a positive evaluation submit their theses to two external reviewers for refereeing. If the assessment provided by the reviewers is positive (or after the revisions required by the external reviewers), the candidates defend their thesis in a final exam, in front of a committee composed of three members (at least two of which must be external experts).

7. Laboratories, PhD Secretary Services
Mrs. Marina Bonaventura and Mrs. Marilena Mastalli
Department of Architecture and Urban Studies
3 Bonardi Street, First floor
Telephone: +39-02-2399.5165 / 5405
8. Internationalisation and other activities

Carrying out study and research activities at external laboratories is strongly recommended. Politecnico di Milano supports joint PhD paths with International Institutions and Joint and Double PhD programmes. Further information is available on the PhD School website and the PhD programme website.

The PhD programme in Urban Planning, Design and Policy cooperates with:

<table>
<thead>
<tr>
<th>Affiliated foreign universities</th>
<th>Type of cooperation</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Universiteit van Amsterdam, Faculty of Social and Behavioural Sciences</em></td>
<td>Training activities – seminars and participation in the Advisory board (Prof. Luca Bertolini)</td>
</tr>
<tr>
<td><em>HafenCity Universitaet Hamburg</em></td>
<td>Erasmus exchange. Participation in the Advisory board (Prof. Ingrid Breckner).</td>
</tr>
<tr>
<td><em>TU Berlin</em></td>
<td>Agreement on joint research and teaching activities signed with DASTU</td>
</tr>
<tr>
<td>Bauhaus-Universität Weimar (lead project)</td>
<td>Innovative Training Networks (ITN); UrbanHist Call: H2020-MSCA-ITN-2016</td>
</tr>
<tr>
<td><em>Institut d’urbanisme de Paris – Université Paris-Est</em></td>
<td>Joint PhD; participation in the Advisory Board of LabEx.</td>
</tr>
<tr>
<td><em>Katholieke Universiteit Leuven</em></td>
<td>Partner Institution of the European Module Spatial Development Planning (EMSDP), intensive study program in spatial planning</td>
</tr>
<tr>
<td><em>TU Delft</em></td>
<td>Idea League (ETH-Zurich, TU-Delft, RWTH Aachen, Chalmers University)</td>
</tr>
<tr>
<td><em>Scuola universitaria professionale della Svizzera italiana</em></td>
<td>Executive PhD</td>
</tr>
<tr>
<td><em>University of Strathclyde</em></td>
<td>Joint PhD cluster</td>
</tr>
</tbody>
</table>

Interaction with and exposure to non-academic sectors provides significant benefits to doctoral candidates. Direct exposure to the challenges and opportunities in non-academic sectors of the economy and society is fostered by networking, connectivity, inter-sectoral mobility and broad access to knowledge. The PhD programme in Urban Planning, Design and Policy cooperates with Research Agencies, Public institutions and private companies.

<table>
<thead>
<tr>
<th>Inter-sectorial collaborations</th>
<th>Kind of collaboration</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.C.L. Consorzio Cooperative Lavoratori, Milano</td>
<td>Scholarship granted to a PhD student of the 34th cycle</td>
</tr>
<tr>
<td>Federcasa</td>
<td>Scholarship co-financed for a</td>
</tr>
</tbody>
</table>
| INPS          | PhD student of the 36th cycle
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<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Two scholarships granted to PhD students of the 36th cycle</td>
</tr>
</tbody>
</table>
Attachment A1 – PhD Programme Coordinator

LUCA GAETA

CURRENT POSITION

Full Professor of Urban Planning in the Department of Architecture and Urban Studies, Politecnico di Milano.

PERSONAL PROFILE

My research interests focus on the material and symbolic production of space via planning practice and social interaction. Land-use regulation and zoning are two main areas of concern according to the assumption that setting boundaries is a crucial aspect of spatial and social organisation. Property development is a related area of concern as it provides clues to understand space as an outcome of dynamic adaptations between land and society within the planning policy framework. My teaching at bachelor, master and doctoral levels aims to enable students to tackle spatial problems from this perspective.

EDUCATION

1987-1995: Master of Arts in Architecture, Politecnico di Milano
1996-2000: Master of Arts in Philosophy, Università Statale di Milano, cum laude
2001-2004: PhD in Urban projects and policies, Politecnico di Milano

ACADEMIC RECORDS

Scientific research projects

2009: "The redevelopment of public housing in Milan", funded by EXITone company. Role: scientific supervisor.
2015-2016: "For rent. Supply and demand of affordable housing in Italy", funded by the Department of Architecture and Urban Studies. Role: coordinator of the research unit on large homeowners, www.for-rent.polimi.it.

Teaching and tutoring

1997-2006: Teaching assistant of Prof. Luigi Mazza at the Faculty of Architecture, Politecnico di Milano.
2000-2001: Tutor of the Advanced Program in Regional and Environmental Planning, Politecnico di Milano, chaired by Prof. P. Gabellini.
2004-2007: Tutor of the PhD program in Urban projects and policies, Politecnico di Milano, chaired by Prof. L. Mazza.
2007-2013: Real Estate Market (4 ECTS), MA program in Urban planning and policy design, School of Architecture and Society, Politecnico di Milano (course taught in English).
2008-2014: Tutor of the PhD program in Spatial Planning and Urban Development, Politecnico di Milano, chaired by Prof. C. Ranci.
2009-2015: Strategic planning in a global perspective (5 ECTS) PhD program in Spatial planning and urban development, Politecnico di Milano, with Prof. A. Balducci (course taught in English).
2009-present: Urban Planning (8 ECTS) BA program in Architectural Sciences, School of Architecture, Planning and Civil Engineering, Politecnico di Milano (course taught in Italian).
2013-2015: Scientific supervisor of Dr. Marco Bianconi within the "Politecnico di Milano International Fellowships" program.
2015: Introduction to research methods (5 ECTS), PhD course in Urban planning, design and policy, Politecnico di Milano (course taught in English).
2015-present: Urban planning (4 ECTS) BA program in Architectural Sciences, School of Architecture, Planning and Civil Engineering, Politecnico di Milano (course taught in Italian).
2019: Urban and regional planning theory (8 ECTS), BA program in Urban Planning, School of Architecture, Planning and Civil Engineering, Politecnico di Milano (course taught in Italian).
2019-20: Introduction to research methods in urban planning, design and policy (5 ECTS), PhD program in Urban planning, design and policy, Politecnico di Milano (course taught in English).

COMMITTEES, BOARDS AND OTHER ACADEMIC ROLES
2009-2013: Board member of the PhD program in Spatial planning and urban development, Politecnico di Milano, chaired by Prof. C. Ranci.
2011-2014: Executive board member of the Italian Society of Urban Planners, with the office of treasurer.
2013-present: Editorial board member of the book series "Strumenti urbanistici" (Planning tools), Franco Angeli publishing, Milan.
2013-present: Jury member of the "Giovanni Ferraro" prize for PhD theses in urban and regional planning, coordinated by Prof. Alessandro Balducci.
2013-2016: Board member and vice-coordinator of the PhD Program in Urban planning, design and policy, Politecnico di Milano, chaired by Prof. P. Pucci.
2017: Visiting research fellow, Senator George J. Mitchell Institute for Global Peace, Security and Justice, Queen's University Belfast, from 26 June to 25 August.

PROFESSIONAL EXPERIENCE

2000: The location factors of new businesses in the province of Milan. Survey funded by Province of Milan in the framework of the DEAFIN project, co-financed by the European Community, supervised by G. Pasqui. Role: interviewer.
2004: "Housing policies in the north-west of Milan metropolitan area". Client: TPQ cooperative consortium. Role: project leader.
2013: Brownfield regeneration in Lombardy. Client: Eupolis Lombardia within the framework of the Regional plan revision process. Role: planning consultant with A. Arcidiacono, A. Bruzzese and L. Pogliani.
Books


Edited books


Articles in scientific journals

L. Gaeta, “Planning to survive: Imagining the world catastrophe in science fiction”, Crios - Critica degli ordinamenti spaziali, n. 12, 2016, pp. 7-20.

Book chapters


## Attachment A2 – PhD Faculty Board

Description of the composition of the Faculty Board

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Scientific Disciplinary Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luca Gaeta (coordinator)</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
</tr>
<tr>
<td>Andrea Arcidiacono</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 21</td>
</tr>
<tr>
<td>Simonetta Armondi</td>
<td>Politecnico di Milano (Dastu)</td>
<td>M-GGR/02</td>
</tr>
<tr>
<td>Alessandro Balducci</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<tr>
<td>Bertrando Bonfanti</td>
<td>Politecnico di Milano (Dastu)</td>
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<tr>
<td>Massimo Bricoccoli</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<tr>
<td>Antonella Bruzese</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 21</td>
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<tr>
<td>Grazia Concilio</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<td>Valeria Fedeli</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<tr>
<td>Fabiano Lemes de Oliveira</td>
<td>Politecnico di Milano (Dastu)</td>
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<tr>
<td>Antonio Longo</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 21</td>
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<tr>
<td>Ilaria Mariotti</td>
<td>Politecnico di Milano (Dastu)</td>
<td>SECS-P/06</td>
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<tr>
<td>Scira Menoni</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<tr>
<td>Eugenio Morello</td>
<td>Politecnico di Milano (Dastu)</td>
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<td>Stefano Moroni</td>
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<tr>
<td>Carolina Pacchi</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<tr>
<td>Gabriele Pasqui</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<tr>
<td>Paolo Pileri</td>
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<td>Davide Ponzini</td>
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<tr>
<td>Paola Pucci</td>
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<tr>
<td>Costanzo Ranci</td>
<td>Politecnico di Milano (Dastu)</td>
<td>SPS/09</td>
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<td>Andrea Rolando</td>
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<td>Icar 17</td>
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<tr>
<td>Stefania Sabatinelli</td>
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</tr>
<tr>
<td>Rossella Salerno</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 17</td>
</tr>
<tr>
<td>Marialessandra Secchi</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 21</td>
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</tbody>
</table>
## Attachment A3 – PhD Advisory Board

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Luca Bertolini</td>
<td>Universiteit van Amsterdam</td>
</tr>
<tr>
<td>Prof. Ingrid Breckner</td>
<td>HafenCity Universitaet Hamburg</td>
</tr>
<tr>
<td>Prof. Sandro Cattacin</td>
<td>Département de Sociologie de l'Université de Genève</td>
</tr>
<tr>
<td>Prof. Olivier Coutard</td>
<td>Laboratoire Techniques, Territoires, Sociétés, Université Paris-Est</td>
</tr>
<tr>
<td>Prof. Frank Eckardt</td>
<td>Bauhaus-Universität Weimar</td>
</tr>
<tr>
<td>Prof. Klaus Kunzmann</td>
<td>Universität Dortmund</td>
</tr>
<tr>
<td>Prof. Luigi Mazza</td>
<td>Politecnico di Milano</td>
</tr>
<tr>
<td>Prof. Stefan Siedentop</td>
<td>Institute of Regional Development Planning, Universität Stuttgart</td>
</tr>
<tr>
<td>Prof. Antonio Font</td>
<td>Universitat Politecnica de Catalunya, Esc. Tecn. Sup. d’Arquitectura</td>
</tr>
</tbody>
</table>