PhD School - Politecnico di Milano
Regulations of the PhD Programme in:
Urban Planning, Design and Policy

Cycle XXXVI

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
- SPS/04 - Political science
- SPS/09 - Economic sociology and sociology of work and organizations
- 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/)

2. General presentation

The PhD programme in Urban Planning, Design and Policy (UPDP) aims at exploring the significance and impact of contemporary urban changes and understanding the way 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 as well as to proactive advancements in planning practices and to 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 objective of the UPDP programme is to provide PhD students with analytical and interpretative tools as well as research methods to advance research frontiers in the field of 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 both Italy and abroad, paying particular attention to international comparison. This approach is fostered through the organization of
international seminars along with 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 of 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 the principles of environmental, social and economic sustainability.

DASTU is one of the most important research structures in Italy 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 to organizations 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 preparation of the annual Educational Programme and organises the general educational activities of the PhD programme (see Attachment A1). The Faculty Board is responsible for the Educational programme and for 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, and aims at discussing them as a complex of intertwined phenomena, which calls for new governance, planning and design approaches. By establishing a dialogue with the best European and International schools, this PHD programme is a place for research and innovative approaches to urban studies, spatial planning and urban design.
Based on a multidisciplinary approach, the main objective of both the educational programme and the individual research activities is to offer PhD students a challenging environment with space for international debate, research, experimentation and innovation.

Starting 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, the peculiar interpretations and the effects of planning practices constitutes a second relevant research field. Thirdly, the selection and discussion of the crossroads 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 as a way to improve the quality of life. 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 are confronted with 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 spatialization of social and economic inequalities; urban segregation; differentiation of urban populations; processes and institutions of urban governance; spatial impact of social innovation; forms and processes of regionalization and processes of social, economic and territorial development in local contexts.

The three research areas reflect the contents and themes of ongoing research at DAStU and represent the 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 centers, 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.
The 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 land-use issues: the case of infrastructure.
- Coping with territorial fragility: challenges to planning theory and practices.
- Planning in the face of financialization.
- After implementation: a retrospective research on policies and their effects.

Design topics, forms and tools

- Architects, Engineers, Planners: how do the changing urban conditions require redesigning research and professional profiles?
- Mobility, Accessibility and spatial inequalities. Understanding and managing the deep intertwining of urban mobilities and socio-spatial transformations.
- Climate change and urban resilience. Spatial planning and ecological perspective for human well-being and for livability of contemporary city.

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 36th PhD cycle Programmes: http://www.polimi.it/phd. Scholarships both on general and on specific themes are available, in accordance with 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 development of PhD thesis. PhD candidates in Urban Planning, Design and Policy must earn a minimum of 25 course credits (see paragraph 6.3 below), and to 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 assist the candidates in the choice of courses to be included in the study plan, which is eventually submitted for approval to the Coordinator of the PhD Programme (see also section 6.4 below).
The Faculty Board may assign extra course credits to one or more candidates, in case they need to complete their preparation in specific topics, relevant for their research projects.

6.2 Research development
The main aim of all Politecnico di Milano PhD programmes is the development in the candidates of a research-oriented mind-set, 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 deep problem analysis, identifying original solutions, and evaluating their applicability in practical contexts. These skills provide PhD candidates with major opportunities of development in their research both in the academic field, and in public and private organisations.
PhD candidates are requested to develop an original research contribution. The PhD thesis must thus contribute to increase 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, where the candidate's contribution is put in perspective with respect to the research 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 in the everyday activities related to the thesis development. The supervisor is not necessarily a member of the Faculty Board, and may be affiliated to an institution different from Politecnico di Milano. One or more co-supervisors may support the supervisor.
Further activities intended to develop the candidate's personal 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 the participation to 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 further skills to develop their research work and thesis. The duration of the programme is normally three years.

6.3 Objectives and general framework of the teaching activities

The PhD Programmes and the PhD School activate teaching forms of different kind and credit value, including courses, seminars, project workshops, laboratories. Teaching activities both cover the basic research issues (problems, theories, methods), which represent the founding element of the PhD Programme and identify clearly its cultural position, and deepening in a specialist way some research issues connected with the problems developed in the theses.

Lessons are usually held in English, except when indicated otherwise. The PhD programme includes at least one complete path delivered in English language.

Structured teaching activities allow to earn 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, but they do not allow to earn ECTS.

The PhD School of Politecnico di Milano proposes a set of courses aiming to train the PhD candidates in soft and transferable skills. The skills and abilities provided by these courses are expected to 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 2020-2021 Academic Year are listed on [http://www.dottorato.polimi.it/en/during-your-phd/phd-school-courses](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 organized 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. Within the end of the first year, PhD students are required to submit a research project for their PhD dissertation. The admission to the second year 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 research and development of
the PhD thesis. 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 preparation of the theses, and will 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 organize a seminar at Politecnico di Milano in order to discuss the ongoing 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 draft of the PhD thesis, and to discuss it with the Supervisor and the Board of Professors.

The tables below summarize the candidate's path (as regards coursework activities). At the same time, the programme foresees that the candidates are devoted to research activity in a continuous way, following the lead of their supervisors, and of 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 characterizing 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>
<th></th>
</tr>
</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, the draft of the thesis will be presented in a seminar with the participation of expert
discussants. By the end of October, the final draft of the thesis will be discussed 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 the admission to the final exam, the acquisition of at least 15 credits in this list is mandatory. These credits must be acquired through the “characterizing” 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 organized by the PhD School is the following:

<table>
<thead>
<tr>
<th>Titolare</th>
<th>Insegnamento</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michela Arnaboldi, Hans De Brujin</td>
<td>Advanced Interaction Skills for Academic Professionals</td>
</tr>
<tr>
<td>Alessandro Balducci</td>
<td>Approaches to Resilience: Social, Economic, Environmental and Technological Challenges of Contemporary Human Settlements</td>
</tr>
<tr>
<td>Emanuela Jachetti</td>
<td>Communication Strategies That Score in Worldwide Academia</td>
</tr>
<tr>
<td>Paolo Biscari</td>
<td>Complementary Doctoral Skills</td>
</tr>
<tr>
<td>Anna Maria Paganoni</td>
<td>Disseminare la Ricerca</td>
</tr>
<tr>
<td>Simona Chiodo, Viola Schiaffonati</td>
<td>Empowering Imagination</td>
</tr>
<tr>
<td>Cristina Mariotti</td>
<td>English For Academic Communication</td>
</tr>
<tr>
<td>Pierangelo Masarati</td>
<td>Ethical Aspects of Research on Dual-Use Technologies</td>
</tr>
<tr>
<td>Andrea Aliverti</td>
<td>Ethics in Research</td>
</tr>
<tr>
<td>Simona Chiodo, Lorenzo Cardilli</td>
<td>European Culture</td>
</tr>
<tr>
<td>Salvatore Zingale</td>
<td>Il pensiero inventivo: teorie e pratiche</td>
</tr>
<tr>
<td>Paolo Biscari</td>
<td>Industrial Skills</td>
</tr>
<tr>
<td>Domenico Brunetto</td>
<td>Innovative Teaching Skills</td>
</tr>
<tr>
<td>Paolo Volontè</td>
<td>Introduction to Academic Research</td>
</tr>
<tr>
<td>Paolo Bosoni</td>
<td>Milano-Politecnica: Città, Cultura, Design dal Dopoguerra ad oggi</td>
</tr>
<tr>
<td>Maria Pompeiana Iarossi</td>
<td>Power of Images and Visual Language for Academic Knowledge Dissemination and Public Engagement</td>
</tr>
<tr>
<td>Nicoletta Di Blas</td>
<td>Professional Communication</td>
</tr>
<tr>
<td>Mauro Mancini</td>
<td>Project Management (In Action)</td>
</tr>
<tr>
<td>Alfonso Fuggetta</td>
<td>Project Management Basics</td>
</tr>
<tr>
<td>Alfonso Fuggetta</td>
<td>Project Management Pmi – CAPM Certification Preparation</td>
</tr>
<tr>
<td>Donatella Sciuto</td>
<td>Research Skills</td>
</tr>
</tbody>
</table>
C) Other PhD courses
Credits can be obtained by choosing from among other courses provided by other PhD programmes of Politecnico di Milano and other universities. In this case, the prior approval of the tutor and of the coordinator is required.

PREPARATORY COURSES
If 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), the Board of Professors may assign some extra-credits to be acquired to complete the training path. The credits acquired in this way will be considered as additional, in relation to the mandatory credits to be acquired 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 to acquire 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 2020-21 follows. More courses may be activated during the year. In this case, the candidates will be promptly informed and will be allowed to insert these new courses in 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 ICAR/20</td>
<td>Introduction to Research Methods in Urban planning, policy and design</td>
<td>Stefania Sabatinelli Paola Pucci</td>
<td>2020/21, 1st</td>
<td>English</td>
<td>5</td>
</tr>
<tr>
<td>ICAR/20 ICAR/21</td>
<td>Workshop on territorial fragilities</td>
<td>Fabiano Lemes de Oliveira</td>
<td>2020/21, 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>2020/21</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 adapt them to possible changes in the course list, or to needs motivated by the development of their PhD career. The study plans must be approved by the PhD programme Coordinator, according to the modalities established by the Faculty Board of the PhD programme itself.

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 in order to be admitted to the following PhD year. The third year evaluation establishes the candidate's admission to the final PhD defense.

As a result of each annual evaluation, the candidates who pass the exam receive an evaluation (A/B/C/D) and may proceed with the enrollment at the following year. 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 directly an exclusion evaluation (Ei) without a previous repetition year, the request must be properly motivated, and validated by the PhD School.

After the final year, candidates who have achieved sufficient 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 an original research contribute. The PhD thesis is expected to contribute to the advance of the knowledge in the candidate's research field.

The PhD study and research work is 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.

The candidate must present an original thesis, discuss its contribution to the state of the art in the
research field in the research community.
The PhD research is developed following the lead of a supervisor, who supports the candidate in the setting out and in the 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 evaluation provided by the reviewers is positive (o 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
Fax: +39-02-2399 5435
E-mail: marina.bonaventura@polimi.it
marilena.mastalli@polimi.it

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, as well as Joint and Double PhD programmes. Further information is available on the PhD School website and on 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><em>Bauhaus-Universität Weimar (lead project)</em></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,</td>
</tr>
</tbody>
</table>
Interaction with and exposure to non-academic sectors provides significant benefits to doctoral candidates as well as to research and innovation intensive employment sectors. Direct exposure to the challenges and opportunities in non-academic sectors of the economy and society at large is fostered by networking, connectivity, inter-sectoral mobility and wide access to knowledge. In particular, the PhD programme in Urban Planning, Design and Policy cooperates with the following 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>
</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 a result 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


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 Italian).
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: 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.
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.
PUBLICATIONS

Books


Edited books

L. Gaeta, A. Buoli (eds.) (Forthcoming), Transdisciplinary Views on Boundaries: Towards a New Lexicon, Milan: Fondazione Giangiacomo Feltrinelli.

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.
L. Gaeta, A. Ranzini, “Grandi patrimoni residenziali privati: un’opportunità per il mercato dell’affitto agevolato?”, Urbanistica informazioni, n. 275-6, 2018, pp. 16-17.

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>
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<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>
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<tr>
<td>Alessandro Balducci</td>
<td>Politecnico di Milano (Dastu)</td>
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<tr>
<td>Bertrando Bonfantini</td>
<td>Politecnico di Milano (Dastu)</td>
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<tr>
<td>Massimo Bricoccoli</td>
<td>Politecnico di Milano (Dastu)</td>
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<tr>
<td>Antonella Bruzzese</td>
<td>Politecnico di Milano (Dastu)</td>
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<tr>
<td>Grazia Concilio</td>
<td>Politecnico di Milano (Dastu)</td>
<td>Icar 20</td>
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<tr>
<td>Bruno Dente</td>
<td>Politecnico di Milano</td>
<td>SPS/04</td>
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<tr>
<td>Valeria Fedeli</td>
<td>Politecnico di Milano (Dastu)</td>
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<td>Fabiano Lemes de Oliveira</td>
<td>Politecnico di Milano (Dastu)</td>
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<td>Antonio Longo</td>
<td>Politecnico di Milano (Dastu)</td>
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<td>Corinna Morandi</td>
<td>Politecnico di Milano</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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<td>Scira Menoni</td>
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<td>Eugenio Morello</td>
<td>Politecnico di Milano (Dastu)</td>
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<td>Stefano Moroni</td>
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<td>Carolina Pacchi</td>
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<td>Gabriele Pasqui</td>
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<tr>
<td>Costanzo Ranci</td>
<td>Politecnico di Milano (Dastu)</td>
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<td>Andrea Rolando</td>
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<tr>
<td>Stefania Sabatinelli</td>
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<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>