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Master of Science
Redesigning the Post-Industrial City

RePIC
Redesigning the Post-Industrial City

Programme and Semester structure and courses

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The RePIC Joint Master Programme comprises four (4) semesters and is delivered over a period of 2 years (24 months). The program is offered annually and starts in the Fall semester (mid-September) and the language of instruction is English.

You are offered several mobility options; however, you must complete a full semester in at least two of the eight partner universities so that you will encounter different cultures, languages, and distinct learning environments, and profit from cutting-edge expertise from each of the eight universities.

First semester (30 credits) - September to February

During the first semester, all students complete a core curriculum of courses/modules at Ruhr University Bochum (RUB) in Bochum, Germany, in a face-to-face format. These courses will equip you with the basic tools required to understand the study of the post-industrial city. Modules will provide a substantial foundation of content knowledge that is facts and ideas as well as the theories that connect them, in the context of a conceptual framework of the post-industrial city.

At the end of the first semester, you will travel to Cork in Ireland to participate in the City Lab excursion (8th to13th of January) at University College Cork (UCC) to explore the potential for the post-industrial city to act as a milieu for continuous civic immersion asking how it can be cultivated to inform cultural and social dissonance.

First semester modules/courses

Module/Course Name	**Credits**	**Teaching mode**	**Faculty members**
CityLab & Design Research Studio: Urban Analysis, Digital Design Strategies & Design Visualisations	10	Face-to-face	Dr. Jason O'Shaughnessy (UCC) Dr Denis Linehan (UCC) Ms Una Daly (UCC) Dr Martin Galvin (UCC)
Research Methods I - Quantitative, Qualitative and Geospatial Methods & Data Literacy	5	Online	Dr. Dennis Edler (RUB)
RePIC Core Theory: The Post-Industrial City - Society, Space and Environment	10	Face-to-face	Prof. Dr. Thomas Feldhoff (RUB) Dr. Matthias Falke (RUB)
RePIC Urban Sustainability Transformations Research Forum	5	Online	Prof. Dr. Thomas Feldhoff (RUB) Dr. Matthias Falke (RUB)

Second semester (30 credits) - February to July

In the second Semester, you will decide on one of four thematic specialisation tracks - where each track is jointly delivered by two partners. Depending on the track chosen, you may move to another university. The four hosting universities are supported in content delivery by the four other RePIC partners through online lectures or faculty visiting the host university.

Second Semester track options, locations and courses offered

Track name	Location	Host university	Teaching partner university	Track courses
Urban Transformations and Resilience	Cork, Ireland	University College Cork	University of Liège	Research Design Studio: Salvaging & Transformations of the Post-Industrial City (15 credits, UCC, face-to-face) Dr. Jason O'Shaughnessy (UCC) Research Methods II: Digital Storytelling & Immersive Fictions (5 credits, UCC, face-to-face) Dr. Jason O'Shaughnessy (UCC) Conceptualising Society, Space, & the City (10 credits, UCC, face-to-face) Dr Denis Linehan (UCC)
Diversity and Social Justice	Istanbul, Turkey	Koç University	Erasmus University Rotterdam	Research Methods II: Conceptual and Methodological Tools for Researching Post-Industrial Cities (6 credits, KU/EUR, face-to-face) Asst. Prof. Dr. Evren Yantaç, Assoc. Prof. Dr. Aykut Çoşkun, Dr. Lasse Gerrits The City in Visual Culture (6 credits, KU/EUR, face-to-face) Assoc. Prof. Ipek Celik Rappas TheProduction of Social (In)Justice in the (Post-Industrial) City (6 credits, KU/EUR, face-to-face) Social Design Studio: Justice and Diversity (6 credits, KU/EUR, face-to-face) Dr. Özge Subaşı Design for Health and Wellbeing (6 credits, KU/EUR, face-to-face), Dr A. Burdorf, Prof.

				Dr. Paul Th. van de Laar
Urban Analysis: Smart, Sustainable and Resilient Cities	Bochum, Germany	Ruhr Universität Bochum	University of Oulu	Integrative Urban Development in Post-Industrial Cities (5 credits, UOulu, online) Prof. Helka-Liisa Hentilä, Dr. Sari Hirvonen-Kantola Environmental Urban Planning (7 credits, RUB, face-to-face) Prof. Dr. Christian Albert Urban Remote Sensing and Smart Data: Modelling the Post-Industrial City (7 credits, RUB, face-to-face) Prof. Dr. Andreas Rienow Methods of Urban Climatology (6 credits, RUB, face-to-face). Prof. Dr. Benjamin Bechtel Research Methods II (5 credits, UOulu, online) - you choose one of these three courses: Design Thinking in Urban Context, Prof. Helka-Liisa Hentilä, MSc Arch. Eevi Juuti (lecturer) GIS Basics and Cartography, Dr. Marika Iivari Data and Decision Making, Dr. Harri Antikainen
Governance of Post-Industrial Cities	Zagreb, Croatia	University of Zagreb	University of Deusto	Sustainable Urban Development Governance (10 credits, UZagreb/UDeusto, face-to-face). Prof. Dr. Ivan Koprić, Prof. Dr. Vedran Đulabić, Prof. Dr. Goranka Lalić Novak, Prof. Dr. Mihovil Škarica, Prof. Dr. Tijana Vukojičič Tomić, Prof. Dr. Sanja Gašparović, Prof. Dr. Lea Petrović Krajnik, Prof. Dr. Anka Mišetić Governance of Post-Industrial Cities (15 credits, UZagreb, face-to-face) Prof. Dr. Iva Lopižić, Prof. Dr. Kristina Careva, Prof. Dr. Rene Lisac Research Methods II: Methodological Approaches and Tools for Understanding the Governance of Post-Industrial Cities (5 credits, UDeusto, online)

RePIC continuously adapts teaching content to recent developments. Please note that the semester structure and courses/modules are subjects to change. More information on each course can be found in the programme Module handbook.

Third semester (30 credits) - September to February

In the third semester you can decide between in-depth studies and practical training in a profession or in research at either University College Cork (Ireland) or at University of Liège (Belgium).

- Focus at UCC (50 % of the cohort): structured learning activities and engaged research placements
- Focus at ULiège (50% of the cohort): in-depth studies in three domains related to the transformation of the post-industrial city and supervised by Prof. Dr. Jean-Marie Halleux, Prof. Dr. Jacques Teller, and Prof. Dr. Martina Barcelloni Corte
    - urban mobility
    - urban ecology
    - urban economics

Third semester modules/courses for the entire cohort:

- **Urban Field Salon - City Lab II:** early October, 10 credits, face-to-face at University Cork College in Ireland

- **Research Methods III:** International Seminar to further develop your understanding of research methods, introducing more complex forms of quantitative, qualitative, geospatial, design and mixed methods approaches, 5 credits, EUR, online.

Fourth semester (30 credits) - February to August

In the fourth and final semester, and considering the multidisciplinary nature of the programme, you can choose among three forms of master dissertation/thesis:

- traditional dissertation (jointly supervised by two of the Partner Universities)
- research manuscript aiming at publication
- practical project accompanied by documentation

Suggestions for thesis topics will be made available to the RePIC students at an early stage of the programme. You can choose to conduct your dissertation/thesis work at one of the following seven RePIC universities:

- Ruhr- Universität Bochum (Germany)
- University College Cork (Ireland)
- Universidad de Deusto (Spain)
- Koç University (Turkey)
- Université de Liège (Belgium)
- University of Oulu (Finland)
- University of Zagreb (Croatia)

Erasmus University Rotterdam will be able to host students from the 2024 cohort and onwards.

You will spend your time conducting research and writing your thesis under the supervision of one faculty member of your semester host university and one faculty member from a different RePIC university.