

## **Vorlesungsverzeichnis**

M.Sc. Integrated Urban Development and Design  
(PO 2020)

Sommer 2024

Stand 14.10.2024

**M.Sc. Integrated Urban Development and Design (PO 2020)**

**3**

**M.Sc. Integrated Urban Development and Design (PO 2020)****119122703 European Spatial planning****T. Potezica**

Veranst. SWS: 2

Seminar

Di, wöch., 13:30 - 16:45, Belvederer Allee 5 - Seminarraum 007, 07.05.2024 - 25.06.2024

**Beschreibung**

The seminar "European Spatial Planning" is part of the module "European cities". It is specifically designed for students of the master program "European Urban Studies, M.Sc." but is open to other master programmes (Urbanistik, IUDD, Erasmus...). The aim of the seminar is to develop an understanding and a wider reflexion of the diversity of planning cultures in Europe through the analysis of models, theories, key concepts and case studies. We will explore the topic through a set of questions: what are the main principles of spatial planning in European countries? What are the main, and somehow contradictory, challenges spatial planning must face? To what extent is spatial planning able to maintain social and territorial cohesions and to integrate the sustainability imperatives? What are the political and planning responses and what kind of instruments are developed?

The methods of the seminar will be a combination of lectures by the instructor, student presentations and discussions. To explore contemporary challenges students will give presentations on specific projects within these countries. Finally, we will look at key concepts of spatial planning on the scale of Europe. As a special within the framework of the IfEU jubilee year alumni of the institute will be giving inputs about planning in their countries.

**Final grade:** active participation, individual paper, presentation**Language:** English**Appointment:** Tuesdays, 13.30-16.45**Start:** 07.05.2024**Where:** Belvederer Allee 5, Room 007**Credit hours:** 2**ECTS credits:** 3**Max:** 20 Students.

The seminar is compulsory for the students of the Master "European Urban Studies". If you are not involved in the EUS Master and if you want to attend the seminar, please contact Tanja Potezica first: [tanja.potezica@uni-weimar.de](mailto:tanja.potezica@uni-weimar.de)

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**Bemerkung**

Thursday, 13.30 - 16.45 Uhr

Start: 7.5. - 25.6.2024

Final grade: active participation, individual paper, presentation

Where: Belvederer Allee 5, Room 007

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### Voraussetzungen

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## 119123701 Introduction to Masters´ Thesis

**M. Bielik, R. König, S. Schneider**

Veranst. SWS: 2

Seminar

Mo, wöch., 08.04.2024 - 01.07.2024

### Beschreibung

The seminar introduces different approaches for starting your master thesis:

- How to find an appropriate topic?
- How to formulate a good question?
- How to select appropriate methods?
- How to present the results and answer the initial question?

We train writing an abstract for your thesis and present the overall concept.

## 121223701 IUDD Lectures

**B. Nentwig, P. Schmidt**

Veranst. SWS: 2

Vorlesung

Di, wöch., 15:15 - 16:45, Bauhausstraße 9c - Arbeitsraum 004, 09.04.2024 - 02.07.2024

### Beschreibung

**This course will be offered in the coming summer semester 2024.**

The understanding of a well-balanced urban development regarding social, economic and environmental needs is one of the main outlines of European Urban Policies to promote more sustainable cities. In 2007 the responsible ministers for urban development from 27 countries declared the Leipzig Charter as guiding principle to reach a stronger cohesion of the different factors that would be necessarily be more streamlined to reach such sustainable development. Integrated Urban Development Concepts since then have become a main instrument of urbanists to guide this process.

Urban and architectural qualities under the objective of climate adaptation and protection, renewable resources and resource conservation as well as long-term intergenerational perspectives are just some of the topics that have to be negotiated for more comprehensive future cities. For the disciplines concerned with urban design this means to develop a holistic view on the city and an understanding between the different disciplines, also in terms of a social equilibrium in urban space.

For this purpose the lectures in this module are framing different objectives of the Master's Programme »Integrated Urban Development and Design« with the idea to support the "urban curator" to develop a holistic view on the city and an understanding between the different disciplines. The lecture introduces different perspectives on integrated urban development in the sense of multi-disciplinary planning approaches with a closer look on their implementation. Creative strategies and selected examples of "good practice" show how different approaches can be implemented

through the lens of different disciplines, bringing together an academic and application-oriented reflection of the subject. Examples also include projects with a strong notion on computational concepts and analysis.

The IUDD lectures will take place as a combination of online-lectures, discussion and invited guest lecturers related to different approaches of requalifying cities and regions in terms of managing change and paradigm shifts. The goal of the lectures is to develop a general understanding and overview about how urban development and urban design can be considered in an interdisciplinary and integrated approach.

### Leistungsnachweis

The format of the lectures requires students to contribute to moderated discussions and partly prepare those.

The final submission to receive credits is an essay for a selected subject. Students who require grading will be given an additional task to hand in an extended essay.

## 124120201 RothNEUsiedl – Planning Process for a future-oriented urban development

**S. Eipper, B. Nentwig**

Veranst. SWS: 8

Projektmodul

Do, wöch., 09:15 - 16:45, 11.04.2024 - 04.07.2024

Do, Einzel, 09:15 - 16:45, Geschwister-Scholl-Str.8A - Repräsentationsraum 109, 25.04.2024 - 25.04.2024

Do, Einzel, 13:30 - 18:30, Geschwister-Scholl-Str.8A - Seminarraum 002, 02.05.2024 - 02.05.2024

Do, Einzel, 09:15 - 18:30, Geschwister-Scholl-Str.8A - Repräsentationsraum 109, 16.05.2024 - 16.05.2024

Do, Einzel, 13:30 - 18:30, Geschwister-Scholl-Str.8A - Seminarraum 105, 30.05.2024 - 30.05.2024

Do, Einzel, 13:30 - 18:30, Geschwister-Scholl-Str.8A - Seminarraum 105, 06.06.2024 - 06.06.2024

Do, wöch., 09:15 - 16:45, Marienstraße 9 - Seminarraum 203, 13.06.2024 - 04.07.2024

Do, Einzel, 09:15 - 12:30, green:house, 04.07.2024 - 04.07.2024

### Beschreibung

In the process of urban planning, the competition format is a common procedure that can offer several benefits when well applied. It can be an inclusive process, as it often encompasses the participation of several stakeholders and actors. Moreover, this format results in several different possibilities and ideas that can actually lead to a high-quality urban space.

In order to understand this process better, the Study Project will use a case located in Vienna. The "RothNEUsiedl" is an urban development that aims to support the city's urban growth with its future-oriented goals. The district is to be created as a role model not only in terms of climate resilience and adaptation but also in the promotion of social and cultural mix.

The course will initially introduce students to many considerations that go into the process of an urban planning and design competition. In this step the focus will be on understanding and experiencing the process from the point of view of competition organizers and jury. Subsequently, in the second half of the semester, the focus will be on one of the possible steps following a competition process. In this case, employing the analytical knowledge acquired in the first half of the semester, the students will work as planners by experimenting with an urban design exercise.

### Bemerkung

für IUDD, Donnerstags, Green House, Bauhausstr. 7

## 124120202 Design of planning processes in urban development praxis

**S. Eipper**

Veranst. SWS: 4

Seminar

Di, wöch., 13:30 - 15:00, Bauhausstraße 9c - Arbeitsraum 004, 09.04.2024 - 02.07.2024

### Beschreibung

What kind of planning processes frame urban development? Who takes part in designing such processes? How are plans and designs evaluated in a planning process? How to define and understand the evaluation criteria? Using a case study students will discuss and learn about these topics. In an interactive class they will define the evaluation criteria, learn about them and finally participate in the evaluation process.

### **Bemerkung**

Wunschraum und Zeit: Dienstags vormittag, Green House

## **124120601 Cities and Suburbs: Roadmap to Sustainability and Resilience**

**B. Stratmann**

Veranst. SWS: 2

Seminar

Di, wöch., 09:15 - 10:45, Marienstraße 13 C - Hörsaal D, 09.04.2024 - 02.07.2024

### **Beschreibung**

When looking at suburbs, people and planners often see something very different. Whereas the former dream of a better lifestyle, the latter often talk about urban sprawl and point to a long list of negative aspects of this kind of urban form. Particularly in view of rising energy consumption, Peak Oil and possible climate change continuing trends towards global suburbanization have caused concerns. However, more recently the "reading" of suburbs has changed. The prevailing critical discourse has been challenged by the assumption that suburbs – if designed and managed well – can be aligned with the overall goal of sustainability. This includes a reappraisal of "suburbanism as a way of life" that might offer a lot. The seminar will examine the current debate by taking American, Australian, Chinese and German cities as an example. To this end concepts of sustainable urban development will be explored, followed by a practice review. It will be argued that the debate on suburbia is embedded in a much larger, underlying debate on the good life.

The Coronavirus pandemic (COVID-19) and similar future risks give rise to questions such as: Is urban densification still a good approach in urban planning? Is the global trend towards more and ever larger metropolises healthy and sustainable? Would more decentralized settlement structures and lower urban densities better protect human health, and, in doing so, increase the overall resilience of cities and countries? Or would these strategies, on the contrary, create an abundance of adverse effects?

### **engl. Beschreibung**

When looking at suburbs, people and planners often see something very different. Whereas the former dream of a better lifestyle, the latter often talk about urban sprawl and point to a long list of negative aspects of this kind of urban form. Particularly in view of rising energy consumption, Peak Oil and possible climate change continuing trends towards global suburbanization have caused concerns. However, more recently the "reading" of suburbs has changed. The prevailing critical discourse has been challenged by the assumption that suburbs – if designed and managed well – can be aligned with the overall goal of sustainability. This includes a reappraisal of "suburbanism as a way of life" that might offer a lot. The seminar will examine the current debate by taking American, Australian, Chinese and German cities as an example. To this end concepts of sustainable urban development will be explored, followed by a practice review. It will be argued that the debate on suburbia is embedded in a much larger, underlying debate on the good life.

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### **Voraussetzungen**

Good English language skills, both written and spoken.

### **Leistungsnachweis**

Assessment is mainly based on a presentation with a written version submitted towards the end of the semester. Students who do not need a grade, may receive a pass if their performance is adequate.

### 124122401 Adaptive Urban Masterplans for Pidzamche in Lviv, Ukraine

**M. Bielik, R. König, I. Osintseva, S. Schneider**

Veranst. SWS: 10

Projektmodul

Do, wöch., 09:15 - 18:30, 11.04.2024 - 04.07.2024

#### Beschreibung

In this design studio we focus on the transformation of the Pidzamche area in Lviv, Ukraine . This endeavor is enriched by a strategic partnership with Kharkiv School of Architecture (KHSa), currently relocated to Lviv, whose contributions are pivotal in understanding the local nuances and challenges faced by this region.

Pidzamche currently stands isolated from Lviv's city center, with the railway acting as a physical and social barrier. The area, characterized by extensive industrial zones, faces challenges of accessibility, attractiveness, and social marginalization. Our studio aims to transform Pidzamche into a vibrant, liveable environment that fosters social, cultural, and productive exchange, and boosting local businesses.

The studio will initially involve an insightful exchange with KHSa students, who have previously worked on the Pidzamche area in their studies. Their understanding of local dynamics and developmental aspirations will set the groundwork for further analysis and concept development.

IUDD students will apply advanced computational methods to analyze and build upon the concepts presented by KHSa. This phase includes the development of new algorithms for assessing specific urban performance metrics. This synthesis of ideas and methods will enable a thorough evaluation of the feasibility and impact of these concepts.

Following the comprehensive evaluation of the KHSa - design proposals, students will proceed to develop their own design strategies for Pidzamche. These strategies will be critically assessed through computational analysis tools to ensure their practicality and effectiveness in addressing the identified urban challenges.

An excursion to Vienna provides students with relevant examples for broadening their perspectives in urban design.

The seminars "Parametric Urban Design :: Advanced" and "Computational Urban Analysis & Simulation :: Advanced" are integrative parts of the studio.

#### Voraussetzungen

M. Sc. IUDD

### 124122405 Parametric Urban Design :: Advanced

**E. Fuchkina, R. König, I. Osintseva, S. Schneider**

Veranst. SWS: 2

Seminar

Di, wöch., 13:30 - 15:00, Belvederer Allee 1a - Allg. Medienpool 003, 09.04.2024 - 02.07.2024

#### Beschreibung

Cities are complex human made objects. They consist of thousands of elements and need to satisfy numerous human needs. The definition of urban form (street network, plots, building volumes) is a crucial step in the planning of cities because it has the longest lasting effect on their social, economic and ecological performance. Thus, this step needs to be undertaken with greatest care. In this course we will deal with computational methods to support this process.

The course extends the knowledge and methods you learned in PUDA I. You will learn and train advanced parametric modeling techniques and further analysis methods as well as basic knowledge about statistics to study relationships between urban form and its manifold functions.

You apply the learned skills in an urban planning project (usually the current IUDD project). It is expected that the participants have absolved the course "Parametric Urban Design and Analysis" from the previous semester.

### 124122406 Computational Urban Analysis & Simulation :: Advanced

**E. Gavrilov, R. König, S. Schneider**

Veranst. SWS: 2

Seminar

Di, wöch., 11:00 - 12:30, Belvederer Allee 1a - Allg. Medienpool 003, 09.04.2024 - 02.07.2024

#### Beschreibung

Im Rahmen des Seminars werden die Teilnehmer in weiterführende Techniken zur urbanen Analyse und Simulation, basierend auf verschiedenen computerbasierten Methoden eingeführt. Wir werden uns mit der Modellierung komplexer räumlicher Systeme auf regionaler und urbaner Ebene befassen. Es werden Analysen zur Nutzung urbaner Strukturen eingeführt (z.B. zu Sichtbarkeiten, Fußgängerströme oder ökonomische Potentiale) sowie Modelle für Interaktionen von Flächennutzungen vorgestellt.

Die im Rahmen von Online-Videos vermittelten Kenntnisse werden in Konsultationen vertieft und im Rahmen des aktuellen Planungsprojekts angewandt. Es wird erwartet, dass die Kursteilnehmer Erfahrung im Umgang mit Grasshopper/Rhino3D haben.

#### engl. Beschreibung

In this seminar, you learn to work with advanced urban analysis and simulation techniques based and computational methods. We deal with the modeling of complex spatial systems on the regional and urban level. In the seminar, analysis methods for urban fabric (e.g. for visibility, pedestrian movement or economic potentials) and models for computing interactions between land uses are introduced

You apply the learned skills in the current urban planning project. It is expected that the participants experienced with Grasshopper/Rhino3D.

#### Voraussetzungen

M. Sc. IUDD

### 124123001 Stories of technology and the worlds they make III: explorations of wholeness

**D. Perera**

Veranst. SWS: 2

Seminar

Mi, wöch., 11:00 - 12:30, Marienstraße 9 - Seminarraum 103, 17.04.2024 - 03.07.2024

#### Beschreibung

Is the discourse of ecology ecological? Does it inspire ways of working with ecological and technological questions in transformative ways, or does it become limited by methods derived from disciplinary interests focused on parts of a broader question, often failing to engage the complex dynamics of lived realities? Ecological thinkers such as Johann Wolfgang von Goethe, Gregory Bateson, Carl Jung, Francisco Varela, and David Bohm have argued that what is required for such an ecological transformation is not simply a technological, economic, environmental, or social shift but rather a broader change in our ways of knowing and making sense of ourselves, our relationships, our practices, and life as a "whole".

This semester, we will get together as **a reading group** to collectively read and explore seven key texts emerging from transdisciplinary explorations that look into the relationships between the concept of wholeness and



worldmaking in different ways. We will also examine how these ideas have already entered design/ architecture/ media practices in multiple contexts, from regenerative design, countercultural ecological experiments, the design of alternative media environments/technologies, and alternative organisation models. It is hoped that these readings would provide the participants with a conceptual toolbox to think through some of the most pressing questions related to technology, ecology and design of our times. In addition, we will also **take time to reflect and experiment with our reading practices** and how they affect our practices of making.

**Format:** Introductory session + 7 reading group sessions

**Assignment:** For the assignment, participants are invited to select some of the ideas discussed in the course and explore how explorations of wholeness can inform their own research design research/practice projects.

**Language:** The sessions will be conducted in English ( Assignments can be submitted in English or German)

*Note: The Seminar is part of a series of activities, workshops and events funded by DFG(Germany) grant number 508363000 and the AHRC(United Kingdom).*

#### **Voraussetzungen**

Offen für alle Masterstudiengänge der Fak. A+U

#### **Leistungsnachweis**

Wird in der Veranstaltung bekannt gegeben.

### **124123501 Urban History Beyond Europe? (Ma)**

**N.N., E. Vittu**

Veranst. SWS: 2

Blockveranstaltung

Fr, Einzel, 11:00 - 16:00, Belvederer Allee 5 - Seminarraum 005, 12.04.2024 - 12.04.2024

Fr, Einzel, 11:00 - 16:00, Belvederer Allee 5 - Seminarraum 005, 07.06.2024 - 07.06.2024

Fr, Einzel, 11:00 - 16:00, Belvederer Allee 5 - Seminarraum 005, 21.06.2024 - 21.06.2024

#### **Beschreibung**

Twenty-one years ago, Anthony D. King reflected on the Eurocentrism of the discipline of urban and planning history, observing the "vast changes" and shifts of paradigms since he had begun publishing on the topic three decades earlier. In this block seminar, we will take King's reflection as a starting point to ponder what writing urban history "beyond Europe" means nowadays. Through the joint and individual readings, as well as a discussion of core texts, we will try to understand better how discourses on the built environment under global conditions have changed over time.

As theoretical as this undertaking might seem, it will be the first step towards developing a critical glossary of the key concepts of urban history, such as "the local", transnational/national, exported/imported, colonial/neocolonial – and most importantly of all, positionality. The participants of the seminar can also propose other themes. This glossary shall be presented in the form of posters in order to make the results of the seminar visible and contribute to the programme of the jubilee of IfEU. The ultimate goal is to critically consider our own frameworks of thinking about what consists of urban history, what limitations and biases can be identified – and how we might attempt to overcome them.

#### **Bemerkung**

If you are interested in participating in the block seminar, please send a short motivation email to [monika.motylinska@leibniz-irs.de](mailto:monika.motylinska@leibniz-irs.de) by 10 April.

#### **Leistungsnachweis**

Testat/Note, schriftlich/mündlich): Testat/Note bei Bedarf, schriftlich (Poster)

### 124123901 The city maintained

**L. Chernysheva, D. Zupan**

Veranst. SWS: 2

Seminar

Mi, wöch., 09:15 - 12:30, Belvederer Allee 5 - Seminarraum 005, 03.04.2024 - 17.04.2024

Mi, wöch., 09:15 - 12:30, Belvederer Allee 5 - Seminarraum 005, 08.05.2024 - 29.05.2024

#### Beschreibung

In this seminar we approach the city through the perspective of everyday practices of maintenance and care. For a long time, the attention of the public, journalists, scholars and policymakers has focused on concepts related to urban change, development, innovation, and the replacement of existing structures by new ones. However, urban life crucially rests on processes of maintaining existing material and immaterial structures, repairing and caring for them. Only recently and against the background of several unfolding crises has critical engagement problematizing the disregard, invisibility and underpayment of these aspects gained momentum. This seminar will pay close attention to urban maintenance in relation to different aspects of urban life, exploring the manifold agents, practices, institutions and dimensions involved in this process. How are cities maintained and by whom? How do urban communities contribute to the social maintenance of urban life? What is the role of bureaucracy in maintaining urban order and institutions? How do non-human agencies contribute to maintaining cities? And how is the invisibility of everyday maintenance related to urban equality? During the seminar participants will acquire profound knowledge on different aspects related to urban maintenance with a particular focus on everyday practices as well as on materiality and infrastructures and get to know innovative theoretical positions and conceptual approaches for scholarly engagement in this field. Besides joint readings, presentations and discussions, students will also gain first-hand experience in exploring different assemblages of maintenance within the city of Weimar.

#### Leistungsnachweis

Note

### IUDD Modellprojekteforum

Tagung

Block, 08:00 - 20:00, Geschwister-Scholl-Str.8A - Besprechungsraum 102, 17.04.2024 - 19.04.2024

### Master-Colloquium

**P. Schmidt**

Kolloquium

wöch.

#### Beschreibung

The colloquium is the larger platform for presentation and discussion of the Masters theses. The candidates will present the intermediate results of their work on their individual topics. Recommendations and comments for further developing the thesis will be made by academics (supervisors) and fellow students attending the colloquium. Admission for the Master examination is required for participation. Performance record (attestation) will be achieved by participating in the entire colloquium and giving an oral presentation.

#### engl. Beschreibung

The colloquium is the larger platform for presentation and discussion of the Masters theses. The candidates will present the intermediate results of their work on their individual topics. Recommendations and comments for further

developing the thesis will be made by academics (supervisors) and fellow students attending the colloquium. Admission for the Master examination is required for participation. Performance record (attestation) will be achieved by participating in the entire colloquium and giving an oral presentation.

#### **Bemerkung**

Time:Block course, see notice-board Location:

Online (BBB) Start: around end of June, exact dates will be announced before

Registration: Not necessary, all students accepted for the Master examination have to participate

#### **Voraussetzungen**

Admission for the Master examination is required for participation.

#### **Leistungsnachweis**

Performance record (attestation) will be achieved by participating in the entire colloquium and giving an oral presentation.

### **Model Project Forum "Reflective Urban Practice"**

#### **P. Schmidt**

Seminar

Mi, Einzel, 15:00 - 22:00, Geschwister-Scholl-Str.8A - Oberlichtsaal 213, 17.04.2024 - 17.04.2024

Do, Einzel, 08:00 - 22:00, Geschwister-Scholl-Str.8A - Oberlichtsaal 213, 18.04.2024 - 18.04.2024

Fr, Einzel, 08:00 - 22:00, Geschwister-Scholl-Str.8A - Oberlichtsaal 213, 19.04.2024 - 19.04.2024