# **Project “Ukraine digital. Urban Resilience – Remote Lab of Urban Planning”**

Karlsruhe Institute of Technology and [Odessa State Academy of Civil Engineering and Architecture](https://odaba.edu.ua/eng/)

Fall Semester 2022/23

**60 students: 30 Design Class +30 Seminar / 60 lecture**

**3 students - 10 groups for the both classes**

# Time Schedule: October to December 2022

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**1. Seminar ‘Metropol.x\_Kiew’**

32 teaching hours online

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**2. Lecture ‘Urban Resilience**

32 teaching hours online

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**3. Urban Design Class**

64 teaching hours online

**Always 8:30 (German time) unless stated otherwise**

**Appointments: Fridays 8:30 – 16:00**

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1 pair 8.30–9.50 – Seminar: Metropol: X

2 pair 10.00–11.20 – Seminar: Metropol: X

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Lunch

3 pair 11.40–13.00 – Lecture Urban Resilience

4 pair 13.10–14.30 – Design Class

5 pair 14.40–16.00 – Design Class

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**October 2022 - 07.10.2022, 14.10.2022, 21.10.2022, 28.10.2022**

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2 pairs - Seminar ‘Metropol.x\_Kiew’

1 pair - Lecture ‘Urban Resilience

2 pairs - Urban Design Class

**November 2022 - 04.11.2022, 11.11.2022. 18.11.2022, 25.11.2022**

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1 pair - Seminar ‘Metropol.x\_Kiew’

1 pair - Lecture ‘Urban Resilience

3 pairs - Urban Design Class

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**December 2022 - 02.12.2022, 09.12.2022. 16.12.2022, 23.12.2022.**

1 pair - Seminar ‘Metropol.x\_Kiew’

2 pairs - Lecture ‘Urban Resilience

2 pairs - Urban Design Class

30.12.2022 - 4 pairs - Urban Design Class

**January to February 2023**

Exams / Internships / Research

**First Meeting: Fr, 07.10.2022, 8:30 – 16:00 via zoom**

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**Fr, 07.10.22 Seminar Metropol X**

**Task and Topics Introduction**

8.30 – 11.20  **Guest Lecture**

**Formation of Groups, Assignment of Topics**

11.40 – 13.00 **Lecture Urban Resilience 1:** Introduction. Global risks and Urban Planning. Sustainability and Urban Resilience by Dr. Nadiia Antonenko

13.10 –14.30 **Design Class:** **Task + Topics Introduction in 3 parts: Goal, Approach, Examples**

14.30 – 16.00Collection of initial information on the design of the settlement and

pre-project analysis. Preparatory stage

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**Fr, 14.10.22 Seminar Metropol X**

**PechaKucha: FirstPicture** (1st motivation/1st impression)

8.30 – 11.20 1 topic/3 pictures/1 pic à 1 min / **PDF Submission: Su, 09.10.2022**

Intro to **Methodology and Atlas Layout**

Intro to **Research Work**

11.40 – 13.00 **Lecture Urban Resilience 2:** Geopolitical Risks (typology of Geopolitical Risks and their influence on urban planning; history, global and Ukrainian specifics) by Dr. Nadiia Antonenko

13.10 – 14.30 **Pecha Kucha: “Concept, idea”:** **Urban pre-project analysis of the territory.**

14.30 – 16.00Consultations

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**Fr, 21.10.22** **Seminar Metropol X**

8.30 – 11.20 Consultations “COLLECTING” (Content + Presentation)

11.40 – 13.00 **Lecture Urban Resilience 3.** Economic Risks (typology of Economic Risks and their influence on urban planning; history, global and Urkrainian specifics) by Dr. Nadiia Antonenko

13.10 – 14.30 **“Finalyzing Scenarios”:** **Urban pre-project analysis of the territory.**

14.30 – 16.00Consultations

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**Fr, 28.10.22 Seminar Metropol X**

8.30 – 11.20 Consultations “MAPPING” (Content + Presentation)

11.40 – 13.00 **Lecture Urban Resilience 4.** Environmental Risks (healthy style of life, controlled risks – greening, pandemic, environmental polluUkrainianlogy of Environmental Risks and their influence on urban planning; history, global and Urkrainian specifics) by Dr. Nadiia Antonenko

13.10 – 14.30 **Design Class:** **Urban pre-project analysis of the territory.**

14.30 – 16.00 **“Pin\_Up”: First Review** «Urban pre-project analysis of the territory» (content + presentation)

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**Fr, 04.11.22**

8.30 – 09.50 **Seminar: Metropol X: First Review** “MAPPING” (Content + Presentation)

10.00 – 11.20 **Lecture: Urban Resilience 5.** Environmental Risks (uncontrolled risks – natural disasters; their influence on urban planning; history, global and Ukrainian specifics) by Dr. Nadiia Antonenko

11.40 – 13.00 **Design Class:** **Conceptual design**

13.10 – 14.30 **Guest Lecture (**Anna Volkova**)**

14.30 – 16.00Consultations

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**Fr, 11.11.22**

8.30 – 09.50 **Seminar: Metropol X:** Consultations “MAPPING” (Content + Presentation)

10.00 – 11.20 **Lecture: Urban Resilience 6.** Societal Risks (typology of Societal Risks and their influence on urban planning; history, global and Ukrainian specifics) by Dr. Nadiia Antonenko

11.40 – 13.00 **Design Class:** **Conceptual design**

13.10 – 14.30 Consultations

14.30 – 16.00Consultations

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**Fr,** **18.11.22**

8.30 – 09.50 **Seminar: Metropol X:** Consultations “PRESENTING” (Atlas + Layout)

10.00 – 11.20 **Lecture: Urban Resilience 7.** Technological Risks (typology of Technological Risks and their influence on urban planning; history, global and Ukrainian specifics) by Dr. Nadiia Antonenko

11.40 – 13.00 **“Pin-Up” Mid-term Review:** **Conceptual design**

13.10 – 14.30 Consultations

14.30 – 16.00Consultations

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**Fr, 25.11.22**

8.30 – 09.50 **Seminar: Metropol X: Mid-term Review:** **Presentations Part 1 (state of work)**

Proof of the argumentation + Questions + Feedback

10.00 – 11.20 **Lecture: Urban Resilience 8.** [World cases of reconstruction of destroyed cities (Hiroshima and Nagasaki, Warsaw, Coventry, Le Havre](https://www.youtube.com/c/PROPMConstruction). London) by Dr. Nadiia Antonenko

11.40 – 13.00 **Design Class:** **Conceptual design**

13.10 – 14.30 Consultations

14.30 – 16.00Consultations

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**Fr, 02.12.22**

8.30 – 09.50 **Seminar: Metropol X:** Consultations “PRESENTING” (Atlas + Layout)

10.00 – 11.20 **Lecture Urban Resilience 9.** Local entrepreneurship ecosystems and emerging industries: Case study of Pomorskie, Malopolskie, Mazowieckie, Coventry and Warwickshire (Poland) by Dr. Nadiia Antonenko

11.40 – 13.00 **Lecture: Urban Resilience 10.** Healthcare network in USSR by Prof. Svitlana Smolenska

13.10 – 14.30 **Design Class:** Consultations

14.30 – 16.00Consultations

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**Fr**, **09.12.22**

8.30 – 09.50 **Seminar: Metropol X: Final Presentation Atlas Pages in Layout**

10.00 – 11.20 **Lecture: Urban Resilience 11.** Greenary (practices of 19th century) by Prof. Svitlana Smolenska

11.40 – 13.00 **Lecture: Urban Resilience 12.**Greenary (practices of 20th century) by Prof. Svitlana Smolenska

13.10 – 14.30 **Design Class:** Consultations

14.30 – 16.00Development of the graphic and text part of the project of planning and development of the settlement.

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**Fr, 16.12.22**

8.30 – 09.50 **Seminar: Metropol X:** *“Magic week”* “ATLAS” (Atlas + Layout)

10.00 – 11.20 **Lecture: Urban Resilience 13.** Strategy for climate adaption and mitigation in Karlsruhe by Dr. Nadiia Antonenko

11.40 – 13.00 **Lecture: Urban Resilience 14.** Influence of citizen participation by Dr. Oxana Chabaniuk

13.10 – 14.30 **Design Class:** Consultations

14.30 – 16.00 **Design Class:** Development of the graphic and text part of the project of planning and development of the settlement.

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**Fr,** **16.12.22** **Seminar: Metropol X**

**18:00 Inter-submission of Atlas Pages in Layout** ----------------------------------------------------------------------------------------------------------------------

**Fr, 23.12.22**

**11:00 Seminar: Metropol X: Final Submission: 8-16 A4 Sites in the given layout**

10.00 – 11.20 **Lecture: Urban Resilience 15.** Housing policy/ Social housing + IBA in Vienna (about Housing, Cooperative Housing Projects) by Oxana Chabaniuk

11.40 – 13.00 **Lecture: Urban Resilience 16.** Reconstruction / Revitalization in Lviv by Dr. Oxana Chabaniuk

13.10 – 14.30 **Design Class:** Consultations

14.30 – 16.00 **Design Class:** Development of the graphic and text part of the project of planning and development of the settlement.

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**Fr, 30.12.22 Final Presentation**

8:30-9:50 Final Presentation.

10:00-11:20

11:40-13:00

13:19-14:30