



Course Syllabus

Course Code	Course Title	ECTS Credits
ARCH-472	Advanced Urban Design	4
Prerequisites	Department	Semester
ARCH-301, ARCH-341	Architecture	Spring
Type of Course	Field	Language of Instruction
Elective	Architecture	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Eleonore Zippelius	4 th
Mode of Delivery	Work Placement	Corequisites
Face to face	N/A	None

Course Objectives:

The main objectives of the course are to:

- Develop participants` knowledge on developments in contemporary urban planning and design.
- Raise awareness of the intrinsic link with the economic, global development.
- Introduce cases of sustainable urban regeneration and urban resilience.
- Showcase various forms of urban participation and encourage their integration in the design process.
- Introduce the methodologies of SWOT- and case study analysis to support urban analysis and design.
- Develop the students` capacity to address contemporary urban design issues.

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Identify issues confronting contemporary urban planning and design.
2. Define and solve the challenges of existing urban areas aiming at sustainable urban regeneration and urban resilience.
3. Prepare and appraise the inclusion of citizens and other urban actors in the context of urban regeneration projects.
4. Analyze and assess an existing urban condition using the methodologies of SWOT-analysis and arguing its strengths, weaknesses, opportunities and threads.
5. Examine best practice cases to solve urban challenges and generate a vision and innovative strategies.
6. Develop appropriate, academic and skillful research, writing and visual and verbal

presentations.

Course Content:

- Global and Megacities
- Generic city
- Metropolitan regions
- Urban fragmentation
- Urban sprawl
- Edge city
- Shrinking cities
- Urban resilience
- Sustainable urban regeneration
- Urban participation
- Urban analysis methodologies: SWOT- and case study analysis

Learning Activities and Teaching Methods:

Lectures, readings, discussions with class participation, assignments, desc-crits, pin ups, group work, peer review.

Assessment Methods:

Project 1 urban analysis (mid-term), Project 2 case study analysis (final) and Attendance & participation

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
<i>According to the chosen subject</i>				

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Nature of Urban Design: A New York Perspective on Resilience	Washburn, Alexandros	Island Press/Center for Resource Economics	2013	9781610915168

Regions and Cities : Place-Making and Urban Development : New Challenges For Contemporary Planning and Design	Palermo, Pier Carlo Ponzini, Davide	Routledge	2014	9781315885469
Transdisciplinary Knowledge Production in Architecture and Urbanism : Towards Hybrid Modes of Inquiry	Doucet, Isabelle Janssens, Nel	Springer	2011	9789400701045
Transformation of Cities : Urban Theory and Urban Cities	Thorns, David C.	Palgrave Macmillan	2002	9781403990310
Urban Design for an Urban Century : Shaping More Livable, Equitable, and Resilient Cities (2nd Edition)	Brown, Lance Jay Dixon, David	John Wiley & Sons, Incorporated	2014	9781118845813