



COURSE DESCRIPTION CARD - SYLLABUS

Course name

GLOBAL HOUSING RESEARCH [S5AIU>SBDM]

Course

Proposed by Discipline

–

Year/Semester

2/4

Level of study

Doctoral School

Course offered in

English

Form of study

full-time

Requirements

elective

Number of hours

Lecture

8

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

0

Number of credit points

2,00

Coordinators

dr inż. arch. Gustavo Linhares De Siqueira
gustavo.linharesdesiqueira@put.poznan.pl

Lecturers

dr inż. arch. Gustavo Linhares De Siqueira
gustavo.linharesdesiqueira@put.poznan.pl

Prerequisites

Basic familiarity with theories of urban planning, urban design, housing studies, or related disciplines is a plus but not requirement. Basic competence in (secondary) data analysis and gathering through desk review is required. Working ability to read architectural/planning drawings and interpret satellite/aerial imagery is advantageous, but not required. No prior knowledge of incremental housing theory is assumed (concepts delivered in Lec 1).

Course objective

1. Introduce the theoretical foundations of incremental housing (vs discrete housing), and situate it within current global debates on housing adequacy. 2. Equip students with a working method for comparative policy and case study analysis. 3. Produce, collectively, a structured, sourced, comparative database of incremental housing. 4. Develop students' capacity to move from a coded dataset to explore research questions and communicate results.

Course-related learning outcomes

Knowledge

- global achievements, covering theoretical foundations as well as general and selected specific issues that are relevant to scientific disciplines studied at the Doctoral School, to the extent that enables revision of existing paradigms, P8S_WG/ SzD_W01

Skills

- critically analyze and assess scientific research results, work of experts and other creative activities together with their contribution to knowledge development, P8S_UW/ SzD_U02
- initiate debates, P8S_UK/ SzD_U06
- plan and implement individual and team research projects, also in the international community, P8S_UO/ SzD_U09

Social competencies

- critically assess achievements within a given scientific discipline, P8S_KK/ SzD_K01
- initiate actions in the public interest, P8S_KO/SzD_K05
- maintain and develop the ethos of research and creative communities, including: - conducting independent scientific activity, - respecting the principle of public ownership of the results of scientific activities, including the principles of intellectual property protection. P8S_KR/ SzD_K07

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The course consists of four consecutive modules each supported by a practical exercise (Tasks). The tasks comprise:

- Desk review (all tasks)
- Data analysis (all Tasks)
- Interpretation (all tasks)
- Synthesis and communication of the results (all, specially L4-Discussion)

all tasks are weighted equally and graded against the scale (2.0; 3.0; 3.5; 4.0; 4.5; 5.0)

Active participation is graded additional to the tasks.

To pass the course the participant has to achieve the minimum grade (average of all tasks + participation), deliver all tasks, and achieve minimum attendance.

Programme content

- Incremental Housing
- Housing rights
- Adequate housing
- Users Agency

Course topics

Lecture 1 - Benefits Matrix. In the first lecture, we will explore the main concepts and challenges of global housing. We will draw comparisons between incremental vs. discrete housing and define the benefits and limitations of each model. This becomes the interpretive lens the rest of the module tests against real cases.

Lecture 2 - Morphology and Spatial strategies. In this lecture, we will explore morphology and variable outcomes and variables using desk-review sources like satellite imagery and cadastral data.

Lecture 3 - Strategy and Governance models. In this lecture, we will explore the different models and strategies employed to develop housing programs/ projects.

Lecture 4 - Synthesis. Lecture 4 is the consolidation of the case study analysis. Students present their results based on the comprehensive cases and participate in an open discussion.

Teaching methods

- Lectures
- Consultations
- Seminars

Bibliography

Basic:

Cirolia, Liza Rose, et al. 2023. *Housing Beyond the Formal–Informal Divide*. London: Routledge.

Dovey, Kim. 2016. *Urban Design Thinking: A Conceptual Toolkit*. London: Bloomsbury.

Femenias, Paula, and Maria Geromel. 2020. "Adaptable Housing? A Review of Housing Adaptability Research and Practice." *Journal of Housing and the Built Environment* 35 (3): 675–696.

Friendly, Abigail, Femke van Noorloos, and Griet Steel. 2025. "Reimagining Incremental Housing: City-Making within and Beyond the State." *International Journal of Housing Policy* 25 (4): 557–570.

Habraken, N. John. 1972. *Supports: An Alternative to Mass Housing*. London: Architectural Press.

Jones, Paul. 2020. "Micro-Morphological Transformations and Informal Housing Interfaces." *International Journal of Housing Policy* 20 (4): 505–523. (Verify bibliographic details before final submission.)

Kamalipour, Hesam, and Kim Dovey. 2020. "Incremental Production of Urban Space: A Typology of Informal Design." *Habitat International* 98: 102133.

Kamalipour, Hesam, and Aminreza Iranmanesh. 2021. "Morphogenesis of Emerging Settlements: Mapping Incremental Urbanism." *Land* 10 (1): 89.

O'Brien, David, Sandra Carrasco, and Kim Dovey. 2020. "Incremental Housing: Harnessing Informality at Villa Verde." *Archnet-IJAR: International Journal of Architectural Research* 14 (3): 345–358.

Preiser, Wolfgang F. E., Harvey Z. Rabinowitz, and Edward T. White. 2015. *Post-Occupancy Evaluation*. New York: Routledge.

Robinson, Jennifer. 2016. "Comparative Urbanism: New Geographies and Cultures of Theorizing the Urban." *International Journal of Urban and Regional Research* 40 (1): 187–199.

Roy, Ananya. 2019. "The City in the Age of Informality." In *The Routledge Companion to Planning in the Global South*, edited by Gautam Bhan, Smita Srinivas, and Vanessa Watson, 33–44. London: Routledge.

Schmidt III, Raymond, and Simon Austin. 2016. *Adaptable Architecture: Theory and Practice*. London: Routledge.

Schneider, Tatjana, and Jeremy Till. 2007. *Flexible Housing*. Oxford: Architectural Press.

Stevenson, Fionn, and Adrian Leaman. 2010. "Evaluating Housing Performance in Relation to Human Behaviour." *Building Research & Information* 38 (5): 437–448.

Turner, John F. C. 1976. *Housing by People: Towards Autonomy in Building Environments*. London: Marion Boyars.

van Noorloos, Femke, Liza Rose Cirolia, Abigail Friendly, Smruti Jukur, Sophie Schramm, Griet Steel, and Lucía Valenzuela. 2020. "Incremental Housing as a Node for Intersecting Flows of City-Making: Rethinking the Housing Shortage in the Global South." *Environment and Urbanization* 32 (1): 37–54.

Additional:

D'Ottaviano, Camila and D. M. Bossuyt. "Vertical incremental housing in São Paulo. The case of Minha Casa Minha Vida – Entidades." *International Journal of Housing Policy* 25 (2024): 596 - 621.

Dervishi, Ina Osmani and Anna Yunitsyna. "Infill Design in Informal Housing in Tirana, Albania: Transformations and Spatial Qualities." *Current Challenges in Architecture and Urbanism in Albania* (2021): n. Pag.

Wu, Yihao. "Housing market with informal density agglomeration: Investigating the form-context transition of urban village in China." *Urban Studies* 62 (2025): 2309 - 2327.

Fawaz, Mona. "The intricacies of popular housing in the Middle East." (2012).

Fallatah, Ahmad, Simon D. Jones, David Mitchell and Divyani Kohli. "Mapping informal settlement indicators using object-oriented analysis in the Middle East." *International Journal of Digital Earth* 12 (2018): 802 - 824.

Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,00
Classes requiring direct contact with the teacher	8	0,00
Doctoral student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation)	42	2,00