

Name of the subject:

ARCHITECTS AND CIVIC INITIATIVES FOR SUSTAINABLE DEVELOPMENT

Teachers: Ph.D. Danijela M. Milovanović-Rodić, Assistant Professor

Status of the subject: elective

Number of ECTS credits: 3

Subject goal

The main objectives of the course are: (a) understanding the phenomena of civic initiatives and gaining knowledge of their potential to achieve sustainable solutions to development problems; (b) understanding the relationship between the profession of architecture and civic initiatives; (c) introduction with modalities of professional action to improve the quality of life of vulnerable and marginalized population categories in urban slums, poor and remote rural areas, refugee camps or temporary accommodation due to disasters caused by natural disasters or human activity; (d) cooperation with specific civic initiatives in the formulation of solutions for improving the quality of life of these categories of the population.

Outcome of the subject

Understanding of the architectural profession and the role of the architect in society, in the preparation and realization of socially and environmentally responsible and projects of different spatial forms that can be realized in a concrete context.

The graduate will have an understanding of:

1. the theoretical foundations of design WITH and FOR community, sustainable development and collaborative and participative architectural and urban practices;
2. different modalities of architect-community relations, relations with regard to the public good and public / common interest;
3. ways of assessing the impact of projects / professional activities on existing and future communities;
4. the obligations and responsibilities of architects towards users and the wider society.

The graduate will have knowledge of:

1. current planning policy and development control legislation, including social, environmental and economic aspects, and the relevance of these to design development.
2. the basic professional and legal responsibilities of the architect and the procedures in the construction process

The graduate will have skills to:

1. articulates the project assignment, taking into account their needs, opportunities and ideas about development in the collaborative process for/with the target groups;
2. critically examines conditionality conditions and opportunities (financial framework, time, qualifications and capacities, other available resources, etc.) for the realization of the project task;
3. based on the tested project assignment in that way, formulates a sustainable solution (there can be different forms and spatial coverage) that can be fully or partially implemented in a given context / location.

Subject content

Theory

Within the framework of theoretical teaching, the modalities of action of architects sensitive and responsible in relation to community problems and capable of participating in collaborative processes of formulating and implementing sustainable solutions are discussed and reviewed. The complexity of environmental, economic, social and political changes, as well as the increasing exclusion of architects from the process of formulating and implementing responses to these changes, require a rethinking of the role and position of architects, architecture and urbanism in community development. The course encourages social sensibility and a proactive role for architects, and sees urban and architectural solutions and the process of their realization as a means to increase the capacity of communities to cope with current as well as future development problems. The teaching examines the model of the architect, who is not "one who provides services" but "one who empowers" individuals, groups and communities with his knowledge and actions.

Practical learning

The aim of the practical teaching is to build the capacity of students to participate in collaborative processes - mastering the skills to establish communication between different actors, sectors and disciplines. For a specific chosen context, students research and define in a collaborative process with a community / target group / civic initiative a key development problem and formulate answers for it - socially and environmentally responsible and economically justifiable solutions for improving the living conditions of the local population and protecting nature. Learning outcomes of the course are project ideas intended for a specific group of people or a specific area, but they can also be of a general nature so that they can be applied in similar development contexts in Serbia and the region. Projects implemented within the course may vary in scope, outcomes and number of actors involved - citizens' initiatives, but also relevant experts, representatives of local institutions, entrepreneurs and individuals.

Literature:

- Bell, B., Wakeford, K. (ed) (2008): *Expanding Architecture: Design as Activism*. Metropolis Books
- Brillembourg, A., Klumpner, H., Coulombel, P. (2011): *Beyond shelter: architecture and human dignity*. Metropolis Books
- Cary, J. (ed)(2010): *The power of pro bono*. Metropolis Books
- Lepik, A. (ed)(2010): *Small Scale, Big Change*. MoMA
- Milovanović Rodić, D., Stojić, B., Milovanović, A. (2018). *Architecture as Social Innovation: Education for New Forms of Professional Practice*. In Krstić-Furundžić, A., Vukmirović, M., Vaništa Lazarević, E., Đukić, A. (Eds.). In: *Conference Proceedings - 5th International Academic Conference Places and Technologies: Keeping up with technologies to adapt cities for future challenges*. University of Belgrade - Faculty of Architecture. pp. 255-262
- Milovanović Rodić, D. (2015). *Edukacija za rehabilitaciju pozicije i uloge urbanista u procesima upravljanja razvojem grada*. U Maruna, M.; Čolić, R. (ur): *Inovativni metodološki pristup izradi master rada*. Str. 6-26. Beograd: Arhitektonski fakultet
- Milovanović Rodić, D. (2015). *Local Development Strategies Without Strategic Thinking: Lost In Between Politicians' Games, Administrations' Rigidity And Planner's Depression*. SAJ - Serbian Architectural Journal, University of Belgrade, Faculty of Architecture, vol. 7, no. 3, pp. 381 – 400
- Миловановић Родић, Д., Лаловић, К. (2015). *Архитекти и грађанске иницијативе за одрживи развој*. Београд: Архитектонски факултет. Практикум. (ЦД)
- Milovanovic Rodic D., Lalovic, K. & Zivkovic J. (2012). *Architecture for the Other 90%: Social Activism, Economic Or Climate Crisis Respond*. In: *Architecture and Ideology*. Belgrade: FA
- Milovanović Rodic, D., Zivkovic, J. & Lalovic, K. (2013). *Changing architectural education for sustainable future: A contribution to the discussion*. *Spatium*, (29): 75-80

Миловановић Родић, Д., Лаловић, К., Радосављевић, У. (2013). Proces formulisanja održivih rešenja sa lokalnim inicijativama u ribarskom naselju Tekija i Krusevcu, У Klimatske promene i građena sredina. Београд: ИАУС

Oppeneheimer, A., Hursley, T. (1998): Proceed and Be Bold: Rural Studio After Samuel Mockbe. Princeton Architectural Press

Sinclair, C. (2006) A call for open-source architecture. TED talks. http://www.ted.com/talks/cameron_sinclair_on_open_source_architecture.html

Smith, C. (2007): Design for the other 90%. Cooper Hewitt, Smithsonian Museum

Stohr, K., Sinclair, C. (eds) (2006 & 2012): Design like you give a damn 1 & 2. Harry N. Abrams

UNESCO/UIA Charter for Architectural Education, Revised Version 2005. The International Union of Architects

Number of active teaching classes				Other: 0
Lectures: 1	Exercises: 1	OFL: 0	SRW: 0	

Method of carrying out the teaching

Classes are a combination of lectures, interactive exercises, collaborative workshops, study tours of the area and practical fieldwork.

Evaluation of knowledge (maximum number of points 100)

Pre-exam obligations	total points 50	Final exam	total points 50
activity during lectures	10	final elaborat	40
colloquium(s)	40	oral presentation of work	10