



MORANA PAP

# PROSTORNO-FUNKCIONALNI MODEL STUDENTSKOG DOMA U KONTEKSTU SVEUČILIŠNOG KAMPUSA

DOKTORSKA DISERTACIJA [SAŽETAK]

## SPATIAL AND FUNCTIONAL MODEL OF STUDENT RESIDENCES IN THE CONTEXT OF UNIVERSITY CAMPUS

DOCTORAL DISSERTATION [SUMMARY]

Doctoral dissertation entitled “Spatial and Functional Model of Student Residences in the Context of University Campus” studies the development of new (future) student housing – new student residence model on university campus from the architectural point of view. The research is triggered by: 1. changes in life-style that lead to change in the use of housing unit – student room, and in the use of building – student residence; 2. sustainable university campus planning and 3. technological developments. The goal of the research is to set up a new spatial and functional model of student residence within the university campus by using and complementing the Living Laboratory principles. Therefore, the dissertation tries to offer / to develop a solution (student residence model) for the question on what kind of student housing is the appropriate for the future due to the fact of ever-changing “society landscape”. The need for this kind of research is based on the analysis of conditions and problems of student housing development in Croatia and also in the world (mostly in Europe and in the USA). Previous and current research about student housing, as well as various discussions on this subject are also taken into consideration. This research is based on the theoretical overview of scientific and professional literature and documents/projects in the field of student housing and campus planning, as well as related topics of interest to the research.

The first, introductory, chapter presents starting points of conducted research which are as follows: explanation of the research topic, determination of the research problem(s), setting up the goals and hypotheses, presentation of materials, methodology and research plan, and inducement of expected scientific contribution. Second chapter points at the level of exploration of the topic. Relevant international and national literature on student housing has been viewed and systematized. Studies focusing on the topic of student housing can generally be divided according to topics: university campuses, student residences, living conditions and lifestyle of the student population. Chapter Three provides a historical overview, student housing development in the context of university and

campus development. The purpose of this chapter is to provide an overview of the development of education, university, university campus and student housing. The main research tool – database with the foreign and domestic examples of student residences is described in the fourth chapter. The database is created as a Timemap and it contains 150 examples of student residences in total. The fifth chapter is showing the assumptions for student housing development. The assumptions are divided into three groups: 1. related to the users (new generation of students), 2. related to the building (student residence) and 3. related to the Living Lab. The purpose of this research part (wider context) is to help to put forward the right questions. The sixth chapter provides an overview of contemporary housing forms of student housing. The historical development of student housing shows how the social context changed and how it influenced the factors and attributes of student housing in certain time periods. The proposal of a new spatial and functional model of student residence (main goal and result) is offered in the seventh chapter. The proposed theoretical model, is user-oriented and represents a challenge to future sustainable lifestyle. Design principles for the new generation of student residence follow the proposed theoretical model. The principles are derived from the developed spatial-functional schemes and characteristics of the proposed theoretical model. Design principle matrix is not final and that it serves to encourage discussion and further research. Chapter eight (discussion) presents a review of hypothesis (4), goals (2: primary and secondary), results (2 groups: main and side) and contribution of the research (3 groups: scientific, professional, educational). Specific cumulative conclusions of the conducted research are presented in the final chapter. The vision for universities (campuses/cities) should be to attract and retain the brightest young minds, and for them to lead the way to social and economic success in return. Major element / major actor in this process can be the new student residence.

[Translated by the author]

Autorica: MORANA PAP, dipl.ing.arh.  
[1984., Zagreb]  
Sveučilište u Zagrebu, Arhitektonski  
fakultet

Mentor: prof. dr.sc. BOJAN BALETIĆ  
Znanstveno područje: Tehničke znanosti  
Znanstveno polje: Arhitektura i urbanizam

Podatci o disertaciji: 262 stranice [177 stranica rada + 85 stranica priloga], 13 tablica, 72 slike, 103 bilješke, 463 bibliografske jedinice, arhivski izvori, internetski izvori, izvori tablica i slika, prilozii, kraci i prošireni sazetci HR i ENGL, zahvale, životopis autorice i mentora, dodatak – baza primjera i pojmovnik [ukupno 9 poglavlja s 44 sekundarna i 18 tercijarna potpoglavlja]

### PROCEDURALNI PODATCI:

Prijava teme: ožujak 2016.  
Povjerenstvo za ocjenu teme i predlaganje mentora:  
– imenovano: 72. sjednica Vijeća DS, 10.5.2016.  
prof. dr.sc. BOJANA BOJANIĆ OBAD ŠĆITAROCI  
prof. dr.sc. BOJAN BALETIĆ  
doc. dr.sc. Silvio Bašić  
Prihvata teme, imenovanje mentora:  
506. sjednica FV, 19.7.2016.  
Odluka Senata: 2. sjednica, 11.10.2016.  
Izješće mentora: 527. sjednica FV, 19.6.2018.  
Povjerenstvo za ocjenu disertacije:  
– imenovano: 527. sjednica FV, 19.6.2018.  
prof. dr.sc. BOJANA BOJANIĆ OBAD ŠĆITAROCI  
prof. dr.sc. ALENKA DELIĆ  
doc. dr.sc. SILVIO BAŠIĆ  
Povjerenstvo za obranu disertacije:  
– imenovano: 539. sjednica FV, 17.9.2019.  
u istom sastavu kao i Povjerenstvo za ocjenu  
Obrana: 14.3.2019.  
Promocija: 4.5.2019.

■ Tema istraživanja doktorskog rada studentsko je stanovanje i istraživanje tipologija studentskih domova potaknuto planiranjem održivih sveučilišnih kampusa, tehnološkim razvojem i promjenama u načinu života koje dovode do promjene u načinu korištenja stambene jedinice i studentskog doma. Cilj je istraživanja utvrđivanje novog prostorno-funkcionalnog modela studentskog doma unutar sveučilišnog kampusa koristeći i nadopunjujući *Living Laboratory* principe. U istraživanju su obrađeni svi primjeri studentskog stanovanja u Hrvatskoj. Izvan Hrvatske obrađeni su primjeri studentskog stanovanja u Europi i SAD-u te Australiji. Postavljene su kriteriji za vrednovanje odabranih primjera, te su, na temelju kataloske obrade primjera metodom usporedne analize, identificirana trajna načela i osobitosti određenih vremenskih razdoblja.