

# Doktor znanosti/doktorica znanosti s področja arhitekture

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## Selected qualifications

Upravljač/upravljavka kanalizacije X

**Name of qualification** Doktor znanosti/doktorica znanosti s področja arhitekture

**Translated title (no legal status)** Doctor of Philosophy in the field of Architecture

**Type of qualification** Doktorat

**Category of qualification** Izobrazba

**Type of education** Doctoral education

**Duration** 3 years

**Credits** 180 credits

## Admission requirements

- A completed second-cycle study programme (Bologna master's programme); or
- a completed integrated master's programme consisting of 300 credits (Bologna master's programme); or
- a completed former study programme to obtain an academic higher education; or
- a completed former study programme leading to a specialisation after completion of a professional higher education programme, provided the candidate has completed course units consisting of 30 credits in the following subjects from the integrated master's programme in Architecture: Architectural Theory and Criticism, Basics of Research in Architecture and Urban Planning, Theory of Spatial and Urban Planning, Action Planning and Strategic Evaluation, Design Concepts, Settlement Culture of Rural Areas, History of Art, Integrated Protection of Architectural Heritage, Computer-Supported Architecture and Design of Structures.

## ISCED field

Field  
Tehnika, proizvodne tehnologije in gradbeništvo

## ISCED subfield

subfield arhitektura, prostorsko načrtovanje in urbanizem

## Qualification level

SQF 10  
EQF 8  
Third level

## Learning outcomes

Qualification holders are qualified to:  
(general competences)

- demonstrate in-depth understanding of the theoretical and methodological concepts deriving from the essence of architecture as a science and art which are directly and indirectly connected to architecture,
- autonomously develop new knowledge in the field of architecture as a generalist field and/or as specifically defined problem areas that are important for architecture and its connection with other fields,
- address the most complex problems by testing and improving known solutions and discovering new solutions in order to achieve quality in architecture,
- manage the most complex work systems and research projects in the broad professional/scientific field of spatial regulation and design, with an emphasis on the quality of the architectural space,
- develop critical reflection – social, community and personal research and/or planning,
- transfer and "communicate" research results in two senses: publication of scholarly/technical articles and also popular articles and other types of publication in the field of architecture; transfer of research achievements into architectural practice,

(subject-specific competences)

- develop the methodology of architectural planning that is balanced between aesthetics and technique; with a particular emphasis on the culturally sensitive architectural and spatial context,
- demonstrate in-depth understanding of and develop basic research into history, theory and criticism in connection with art, technology and social sciences,
- demonstrate in-depth understanding of and develop the theory of the influence of art on the quality of architectural planning,
- develop urban-planning theory and methodology,
- demonstrate in-depth understanding of and develop the theory of relationships between people, their needs, reciprocal influences, buildings and the environment,
- develop the methodology of architectural management, in particular for the preparation of outline plans,
- develop and lead interdisciplinary applied research methods for the needs of architectural planning,
- demonstrate in-depth understanding of and develop structural engineering knowledge,
- develop applied methods to resolve technological issues when these involve questions of comfort, safety and protection from climate factors,
- develop integrated research into cost rationality and the developmental bases of construction regulations,
- demonstrate in-depth understanding of and develop the system of integrated spatial planning.

## Assessment and completion

Examination performance is graded as follows: 10 (excellent); 9 (very good: above-average knowledge but with some mistakes); 8 (very good: solid results); 7 (good); 6 (adequate: knowledge satisfies minimum criteria); 5-1 (inadequate). In order to pass an examination, a candidate must achieve a grade between adequate (6) and excellent (10).

## Progression

In order to progress from the first year to the second year, students must complete the general module, give a written and oral presentation of their doctoral study plan (a presentation is deemed successful if the plan receives the approval of the doctoral studies committee and the Senate of the Faculty of Architecture), and complete at least 45 first-year credits.

In order to progress from the second year to the third year, students must complete the architectural and interdisciplinary module, give a written and oral presentation of the topic of their doctoral dissertation, which includes the publication of a peer-reviewed scholarly article in an internationally significant journal or a chapter in a monograph (habilitation criteria of UL and FA are taken into account; a presentation is deemed successful if the topic and publication are approved by the doctoral studies committee, the committee responsible for assessing the topic and the senate of the Faculty of Architecture), obtain approval for the topic of their doctoral dissertation at the University of Ljubljana and complete at least 60 credits.

## Condition for obtaining certificate

In order to complete the programme, students must complete all course units in all subjects in which they

have enrolled (compulsory publication of a scholarly journal article or monograph chapter is included in the "presentation of the topic of the doctoral dissertation" as part of second-year subjects and is a condition for enrolment in the third year), complete individual research, prepare a doctoral dissertation, present the results to the doctoral studies committee before defending the dissertation, and successfully defend the dissertation. The success of the dissertation is verified by the committee on dissertation assessment and defence in accordance with the Rules on the procedure for obtaining a doctorate at the Faculty of Architecture of the University of Ljubljana.

## **Awarding body**

University of Ljubljana, Faculty of Architecture

URL

<http://www.fa.uni-lj.si/default.asp?id=1721>

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