VSB TECHNICAL UNIVERSITY OF OSTRAVA | FACULTY OF CIVIL ENGINEERING

# Architecture and Construction

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| **Faculty** | Faculty of Civil Engineering |
| **Type of study** | Follow-up Master |
| **Language of instruction** | English |
| **Code of the programme** | N0731A010004 |
| **Regular period of the study** | 2 years |
| **Cost** | 50,000 CZK per semester |
| **Coordinating department** | Department of Architecture |
| **Coordinator** | prof. Ing. Martina Peřinková, Ph.D. |
| **Keywords** | Landscape architecture, Architecture, Theory of architecture, Interior, Urbanism |

## About study programme

The two-year master's degree in Architecture and Civil Engineering is a continuation of the four-year bachelor's degree in Architecture and Civil Engineering in the same field of study. The emphasis in the master's study is on architectural design and building disciplines, which are an integral part of every construction work. The two-year program includes courses in architecture and urban design with a major emphasis on studio work. The studio also includes interior design.

## Graduate's employment

A graduate of a two-year master's degree will find employment primarily as a creative designer - architect with a strong technical knowledge in the field of conceptual design and design of all kinds of building construction and as the main coordinator of the project. Another possibility of professional application is in administrative institutions and offices dealing with the issue of construction, including monument care. Completion of the master's study is a prerequisite for the possible continuation of the doctoral study.

## Study aims

The aim of teaching at the Faculty of Civil Engineering of VŠB-TUO is to educate and educate young professionals of excellent qualities who are not only capable of full application in practice by the complexity of their education, but also due to the considerable possibilities . As it is not entirely predictable as to the further development of the field, the aim of the study will be to provide graduates with knowledge of natural and social sciences, expertise and skills in civil engineering and architecture, architectural design and graphic representation of designs. Graduates will also be able to implement the proposals. With the acquired knowledge and competence, the outgoing engineer architect will be able to find a wide application in the labor market, flexibly respond to continuous technological, social and legislative developments. In relation to the master's program Architecture and Civil Engineering, the main objective is to teach students the quality analysis and synthesis of the problem of architectural design and practice, which is the basis not only of each quality architectural solution, but also a tool of easy adaptation to possible changes and development.

## Graduate's knowledge

The graduate has a deep knowledge and understanding of the subject and scope of the field corresponding to the current state of knowledge. The graduate has broad knowledge and understanding of theories, concepts and methods corresponding to the current state of knowledge in the field. The graduate has an understanding of the possibilities, conditions and limitations of the use of knowledge of related fields.

## Graduate's skills

The graduate is able to independently define and creatively solve a theoretical or practical problem in the field using professional knowledge. The graduate is able to solve a complex problem independently and creatively using selected theories, concepts and methods of the field.

## Graduate's general competence

The graduate is able to make independent and responsible decisions in new or changing contexts or in a fundamentally evolving environment with regard to the wider social consequences of decision-making. The graduate is able to define assignments for professional activities, to coordinate them and to take ultimate responsibility for their results according to the developing context and available resources. The graduate is able to solve the ethical problem independently. The graduate is able to communicate his / her expert opinions in a comprehensible and convincing way to experts and the wider public. The graduate is able to use his / her professional knowledge, professional skills and general competence in at least one foreign language. The graduate is able to plan, support and manage with the use of theoretical knowledge in the field of acquiring further professional knowledge, skills and competences of other team members.

## Study curriculum

- form Full-time (en)