

Study programme Architecture and Construction

Generated: 8. 6. 2023

Faculty	Faculty of Civil Engineering
Type of study	Bachelor
Language of instruction	English
Code of the programme	B0731A010003
Title of the programme	Architecture and Construction
Regular period of the study	4 years
Cost	50,000 CZK per semester
Coordinating department	Department of Architecture
Coordinator	prof. Ing. Martina Peřínková, Ph.D.
Key words	Building construction, Architecture, Building materials, History of architecture and urbanism, Urbanism

About study programme

The bachelor study program Architecture and Civil Engineering provides the first degree of architectural education. The focus of the course is based on studio work, while mastering all the basic building technical subjects. An integral part of the teaching are also subjects of architecture, art and humanities. The study program is oriented to mastering the design craft and the possibility of employment in practice, but also to the possibility of continuing study in the follow-up master's study program and obtaining a full-fledged architectural education. The acquired pumice of technical knowledge makes it possible to continue in the master's degree in other construction branches. A graduate after completing a 4-year bachelor study program will receive a bachelor's degree (Bc.)

Graduate's employment

Graduates will find employment in architectural or construction design offices in the position of executive designer, in construction offices in the position of an officer, in buildings as the assistant of the site manager, etc.

Study aims

Graduates will gain broad knowledge and understanding of the subject and scope of the field, understand the possibilities, conditions and limitations of the use of theories, concepts and methods in practice.

Graduate's knowledge

The graduate is able to solve practical problems in the field with the use of professional knowledge on the basis of a framework task. Can find, organize and interpret information relevant to solving a defined practical problem. He / she is able to use some basic research procedures in the field to the extent necessary to solve practical problems in the field.

Graduate's skills

The graduate decides independently and responsibly in only partially known contexts based on the framework assignment. They can include consideration of their ethical dimension in problem solving. Can communicate information to experts and laymen in a clear and convincing way about the nature of professional problems and their own opinion on their solution. Can summarize the views of other team members comprehensibly. Can use his / her professional knowledge, professional skills and general competence in at least one foreign language. He / she is able to gain further professional knowledge, skills and competences on the basis of practical experience and its evaluation as well as independent study of theoretical knowledge of the field.

Graduate's general competence

Graduates of the bachelor study program Architecture and Civil Engineering will acquire the basic knowledge and skills of technical, artistic, ecological, sociological, demographic and economic disciplines in the range of architectural fields with the ability to understand the mutual context. They will acquire the necessary knowledge of theories, concepts and methods of the branch to collect data, analyze the problem and realize the performance of technical construction and management functions. The bachelors will be able to understand the possibilities, conditions and limitations of the use of theories, concepts and methods in architectural practice. and to use some basic technical, biotechnical and art procedures to the extent necessary for solving practical problems in the field practice, including the design of simple innovative procedures. Graduates will be able to continue in the follow-up master's degree in Architecture and Civil Engineering or in the master's degree in Civil Engineering.

Study curriculum

- form Full-time (en)