

Basic Internship Curriculum

The Faculty of Architecture and Civil Engineering Internship Curriculum for the Basic Internship of Bachelor Studies in ENERGY EFFICIENT PLANNING AND CONSTRUCTION (E2D)

Basic Internship

Which semester: The training is to be completed either entirely or partly before the beginning of the studies, latest till the end of the 2nd semester (during holidays only).

Duration: **6 weeks**

Practical training: work on construction sights

Training objectives:

Knowledge of conditions, processes and methods of building construction (solid construction, concrete skeleton construction, wooden and steel construction, interior fittings, façade construction and technical building equipment); understanding of physical work and weather impact; knowledge of accident hazards and accident prevention.

Training content:

Participating in physical work on construction sites or factory casting:

- in surveying, excavation and foundation work, brick and shelling work, reinforcement and concrete work of prefabricated parts and in carpenter-build wooden constructions;
- in production, transport and erection of prefabricated parts (wooden, reinforced concrete and steel construction);
- in façade construction, technical building equipment (heating, sanitary, ventilation and cooling, electrical)
- in measures for thermal insulation, energy and technical upgrading of buildings

Internship positions:

Possible are all jobs with building constructors who carry out carcass and finishing work. It is recommended to complete the internship in various phases at carcass as well as finishing companies, if possible in different work areas.