

There are four university level schools in Lithuania, where architects are prepared. We introduce you only to constructions teaching in architecture studies at Kaunas University of Technology. At the Department of Architecture and Land Management of this University more attention is paid to wooden constructions, their analysis and use in architecture.

Timber use in Lithuania has deep tradition, especially in country architecture. Timber processing industry is expanded in Lithuania, so is glued wooden construction production, the use of timber and ferro-concrete constructions.

The students attend modules of wooden construction at the blocks of general and special Bachelor studies. The aim of the courses is to introduce students to potential architectural possibilities of wooden constructions and to develop skills on how to use these constructions more creatively in search of more various and cheaper architectural decisions. In theoretical lectures students are acquainted with timber properties, with the method to calculate construction with the practice of architectural construction using timber constructions in Lithuania and abroad. Lectures are illustrated with visual materials, using photos from nature and slides of various contents. During the creative probation students get acquainted with the possibilities of modern wooden construction used in building sites. They visit construction companies, plants trading and commercial centers. Besides architectural building or building complex projects where wooden constructions are used, special wooden construction course work is prepared at Bachelor studies.

The contents of modules are different. In the studies of earlier years greatest attention is paid to the introduction of esthetical properties of wooden constructions to students, their assortment, calculation of wooden constructions and the application of constructional elements in preparation of architectural projects. In the 6th and 7th semester glued wooden constructions are analyzed, and the possibilities of their application in construction, reconstruction or building of the objects with various destinations. In the 7th and 8th semester combined (joint) timber and ferro-concrete constructions are analyzed. These constructions consist of wooden beams, thin ferro-concrete slab and the elements that join beams and slab. Such combined constructions are easier more stable, have less deformation, better sound isolation and aesthetic properties and are less sensible to vibrations than traditional wooden constructions. Architectural studies teach how to use combined constructions at the reconstruction of old buildings or conservation or restoration of architectural monuments, where it is obligatory to preserve authentic elements, for example wooden beams.

At Master studies, students are offered alternative or supplementary modules for independent work. Such modules have the aim to introduce to Master studies students to wooden constructions use at architectural

studies and in practice in foreign countries (for example Norway, Finland, Sweden etc.)

Without stone, metal, concrete constructions, at architecture studies twelve credits are assigned to wooden construction analysis and use.