

POLITEHNICA University of Timisoara
CIVIL ENGINEERING FACULTY

Bachelor studies: BUILDING SERVICES – ICT (teaching in Romanian language)
Bachelor domain: BUILDING SERVICES ENGINEERING

General information

Requirements: matriculation and files competition

Period: 4 years (8 semesters); 240 credits ECTS

Program language: Romanian

Domain description

The IN specialization offers students the possibility to obtain theoretical and practical knowledge's in the actual building services activities and in future, regarding research, design, services and maintenance in the different domains of installations (water supply and canalization, sanitary and gas installations, heating systems, ventilation and air-conditioning, refrigeration systems, electrical installations and automation). Therefore they will be able to face all the requirements at the beginning of this millennium.

Through the courses content and finalizing the interdisciplinary training, this specialization assures a complex vocational training and it covers a great area of social and economical interest, where specialized human resources are desiderated.

Considering the technological impact registered in all the domains of building services, it appears at least three principal activity directions for building services engineers:

- New buildings equipped with performed installations (civil buildings, social-cultural, administrative and industrial buildings);
- Systems modernization/rehabilitation in existent buildings;
- Ambient comfort improvement, without these the living standard could not be raised and the mankind progress is unimaginable.

The main domains where the graduators of the IN specialization could be useful are: teaching/education, research-design, performing, services, and administration.