

**POLITEHNICA University of Timisoara**  
**CIVIL ENGINEERING FACULTY**

**Master Studies: OPTIMIZATION AND MODERNIZATION OF BUILDING SERVICES SYSTEMS - OMSI (teaching in Romanian language)**

**General information**

Requirements: bachelor degree

Period: 4 semesters (3 semester courses + 1 semester dissertation)

Program language: romanian

Credits ECTS: 120

**Program description**

The complementary master OMSI deepen the study made during the bachelor years and his main objective is to assure the training in forming of specialists with activities in the research and planning institutions, capable to participate in the solving problems of especial importance. High priority is followed up in assuring the specific knowledge for modernizing the equipments and building services optimization in order to rise the energetically efficiency, to improve the comfort conditions and the environment protection.

The dissertation papers are headed to solve some modernization/optimization problems of building services, with practical applicability, presented in form of scientific research papers.

The graduators of this specialization have the right to occupy priority work places in research or conception branches (planning societies, consulting and expertise) and they can subscribe for PhD studies, in the conditions established by the regulations in this domain, and then they could be employed in universities.