

POLITEHNICA University of Timișoara
Faculty of Civil Engineering

Field of study: CIVIL ENGINEERING

MSc degree : SERVICE OPTIMIZATION FOR SANITARY AND ENVIRONMENTAL ARRANGEMENTS – OESISPM (teaching in Romanian language)

The OESISPM Master Program special mission is to ensure the civil engineering graduates with specific knowledge in the essential sanitary urban infrastructure, meaning in-depth studies of issues regarding water supply and sewerage efficient systems, water sources protection, used water cleaning and environmental health protection.

The high qualification is shaped by studying detailed subjects related to biotechnical methods for fresh water treatment and used water cleaning, to rehabilitation and refurbishment of water supply and sewerage systems, or to silt dealing in sanitary arrangements, all these being built through information furnished by special hydraulics and mathematical modeling in hydro-technics. In the same time, besides the up to date approach regarding the urban sanitary systems development and operation, the program pay a close attention to specific issues like the ecological storage and management of wastes, the environment integrated monitoring, the sanitary developments impact upon environment, or the biogas generation processes.

Consequently, the OESISPM program ensures the special complex training required to cover a professional development and management of systems and constructions that accomplish the function of urban sanitation under particular conditions enforced by environmental protection needs.