

# Prototyping Future Cities

National Research University – Higher School of Economics

Degree or qualification is awarded: **MSc degree in «Urban Studies and Planning»**

Language of study: **English**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **450 000 RUB per year**

Programme webpage at the university website: <https://www.hse.ru/en/ma/techcity/>

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## Objective

The aim is to render the students capable of developing projects related with the Urban Habitat, in all the layers of the City Anatomy, including in the city's physical structure (environment, infrastructure and urbanism), urban services and informational fluxes, the social relationships and governance of information technologies in all the phases of analysis, project and management of the city.

## Prototype project methodology

The strategy is that the students learn to develop prototype projects applicable in any aspect that relates to the city, starting with their capacity to analyses data, to integrate appropriate technology and design proposals that will change the current reality, which also includes the proposal of an economical model that is managed accordingly.

**Project = Analysis + Technology + Design + Fabrication + Implementation**

## Environment

The program takes place in a network laboratory type of environment 'Shukhov Lab', where the students work in a very close and hand-on relationship with technology, preparing prototypes, investigation and analysis of the city through data, while developing projects that come as a relevant response to the particular problems that affect the city. In the end, the student will have the skills developed by the various areas of study that he has undertaken, thus able to tackle any kind of project. To achieve this, the students will have to work both individually, in order to further develop their own skills, but also in collaborative group projects, either remotely or physically, with other universities or cities in which the Master in Prototyping Future Cities is active.

## Specializations within this programme