

TRAINING PROGRAM IN DISCIPLINE: Architecture and Urban Planning

1. Basic information

Domain: Engineering and Technology

Discipline: Architecture and Urban Planning

Degree awarded: PhD in Architecture and Urban Planning

2. Training demand

The Institute of Architecture and Urban Planning, TUL is one of the main centers in the central part of Poland educating doctors of technical sciences in the discipline of urban planning and architecture. The doctoral school prepares for work in research units, research and development units, in universities - especially technical ones through the gradual introduction of a candidate for research work using the latest achievements and scientific results in the field of doctoral studies selected by the candidate. A graduate after obtaining a doctorate not only has extensive knowledge in the field of urban planning and architecture, but also has the ability to set, analyse and propose solutions to problems and their synthetic description. These features allow to flexibly adapt to work also in areas that go beyond the disciplines of architecture and urban planning.

3. Detailed entry requirements

The formal requirement for candidates are the completion of the master's studies in the field of architecture or another with a similar scope. In addition, the candidate should demonstrate the ability to work independently, the ability to acquire and apply knowledge from various fields, as well as demonstrate predispositions for objective analysis and evaluation of the collected observations and research results.

4. Teaching methods

Lectures, classes, laboratories, projects, scientific seminars, distance learning.

5. Graduate's profile

The graduate of the IDS TUL is a fully-fledged researcher, freely using the current state of scientific knowledge in the discipline of architecture and urban planning. Developing his career, he improves practical and theoretical skills of an interdisciplinary character. During training, one acquires knowledge related to the most advanced technologies, trends and development trends under the supervision of lecturers from domestic and foreign centres, which can be used in individual research. The IDS prepares young scientists for both own research and cooperation within research teams, implementation of new techniques and technologies used in the discipline of architecture and urban planning - as well as creating independent entities such as Spin-off /out or Start-ups. In addition, graduates gain knowledge needed to

work in organizations related to local and government administration, cultural institutions and activities in the area of creative industries.

Graduates can also modify, give opinions and consult new solutions within architecture and urban planning in terms of their efficiency, profitability and innovation - also in the wider context of sustainable development and can find employment in all industries related to architecture, urban planning, design and broadly defined culture. Doctoral holders in technical sciences are not only talented scientists, but also represent the most valuable and creative background - as the middle and senior management in the creative industries and business. The research group gives the opportunity to create innovative technologies and solutions in leading research and development centres in the field of architecture and urban planning.

6. Training plan

First year (Semester 1 and 2)		
No.	Subcategory	Subject
1	E	Entrepreneurship
2	CC1	Conducting research in the field of architecture and urban planning I
3	CC2	Conducting research in the field of architecture and urban planning II
Second year (Semester 3 and 4)		
No.	Subcategory	Subject
1	CC3	Conducting research in the field of architecture and urban planning III
2	CC4	Conducting research in the field of architecture and urban planning IV