

Faculty of Architecture

at Wrocław University of Science and Technology is one of the best architecture schools in Poland. We are leading in rankings (Perspektywy, Builder) and our students were awarded in numerous international competitions like: Laka Competition'21: Architecture that reacts, German BDA – SARP Award, Architecture at Zero 2020, Concrete Architecture, RE-Stock London Housing Competition, and national contests for best graduation projects. This year's student projects were nominated for European competition Young Talent Architecture Award organized by Mies van der Rohe Foundation.

Our Architecture Master students can choose between programmes of:

Architecture / specialisation:

Architecture and Urban Planning
(both Polish and English languages)

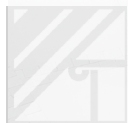
Architecture and Preservation (Polish language)

and

Spatial Management

(both Polish and English languages)

Creativity is more than welcome. Our students have an opportunity to cooperate with specialists of various disciplines. They can choose between various courses, creating their own paths. In their spare time students are offered activities in science clubs, workshops, summer schools and archaeological missions. Graduates of our Faculty are well-prepared for variety of careers offered worldwide and requirements of today's career market. Each year more than 80 former students join the Chamber of Architects and become licenced architects. We have educated generations of architects and urban planners which determine the contemporary image of cities, villages and buildings.



**Spatial
Management**



Spatial Management



PROGRAMME

The **Spatial Management** Master Degree's studies at the Faculty of Architecture, Wrocław University of Science and Technology, consist of 3 sessions, that enable to obtain the title of Master of Engineering. The new taught of studies, implemented in 2021 is based on two principles: electiveness of courses and connection of theory and practice. Thereby, the unique didactic offer was created for people who want to develop and perfect their abilities in management of processes of space development.

The first principle, which is **ELECTIVENESS**, means, that every student has discretion in creation of their own specialization within five thematical strands: pro-climate planning, urban transformation, participatory planning, digital technologies and operational spatial planning. During the studies, student can realize two whole chosen strands or discretionary set of courses from every strand, to gain ultimate armory of knowledge and abilities.

Finally, the second principle introduce students to creative stage **BETWEEN THEORY AND PRACTICE**. Starting with the academical knowledge, students solve practical planning problems on the basis of achieved experience, to be able to critically evaluate theoretical concepts. The taught prepared in that way guarantees perfect preparation to various challenges that are faced by spatial planners.

SCHEDULE

Planning Theory (L, 30 h)	Spatial Planning Organization (L, 30 h)	Spatial Policy of the European Union (L, 30 h)
Systems Theory (L, 30 h)	Knowledge of architecture (L, 30 h)	Regional Policy (L, 30 h)
Legislative technique in planning 1 (L, 30 h)	Problems of spatial development management (L, 30 h)	Optional courses (P, 45 h)
Supporting the decision-making process (L, 30 h)	Territorial marketing (L, 15 h)	Optional courses (P, 45 h)
Operational spatial planning (L, 30 h)	Law on Spatial Planning (L, 15 h)	Master thesis (P, 15 h)
Models in Spatial Management (L, 30 h)	Project management (L, 30 h)	
From governing to governance (L, 30 h)	Planning for city development (L, 30 h)	
Directions of transformations of contemporary cities (L, 30 h)	Planning for city development (P, 60 h)	
Shaping and the protection of the environment (L, 30 h)	Optional courses (P, 45 h)	
Optional courses (P, 45 h)	Optional courses (P, 45 h)	
Optional courses (P, 45 h)	Supporting the decision-making process 2 (Lab, 45 h)	
Elements of higher mathematics (L, 30 h)	Legislative technique in planning 2 (C, 30 h)	
Foreign language B2+/C1+ (L, 15 h)	Foreign language A1/A2/B1/B2 (C, 45 h)	

OPTIONAL COURSES

session 1

session 2

session 3

Operational spatial planning

Digital technologies

Participatory planning

Urban transformation

Pro-climate planning



Spatial Management



TEAM

The team conducting classes at the Master's Degree in Spatial Management consists of 13 scientists representing various fields of spatial management.

Among us there are outstanding practitioners who cooperate with the most important local government institutions of Lower Silesia and Wrocław (The Office of the Marshal of the Lower Silesian Voivodeship, The Wrocław City Hall). There are also valued theorists developing innovative research paths and conducting research within national and international projects (Horizon 2020 of the European Commission, OPUS of The National Science Centre and Fulbright Senior Award). Due to extensive contacts with planning institutions in Poland and abroad, we invite experts in the field of space management to conduct selected classes.

The combination of great design experience with knowledge from scientific research makes the courses offered by us at the Master's Degree in Spatial Management innovative, unique and allow students to develop both practical competences and a scientific workshop. In our classes, we use various didactic techniques, matched to the subject matter (e.g., problem-based learning, study walks, role play games, experiments and simulations). Our priority is an individual approach to each student and shaping a unique profile of the graduate.



Tomasz Ossowicz
dr hab. inż. arch., prof. czelni



Łukasz Damurski
dr hab. inż., prof. uczelni



Magdalena Belof
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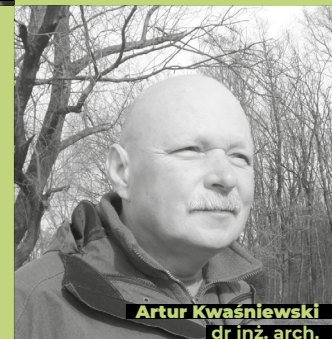
Magdalena Mlek-Galewska
dr. inż.



Paweł Pach
dr inż.



Wawrzyniec Zipser
dr inż.



Artur Kwaśniewski
dr inż. arch.



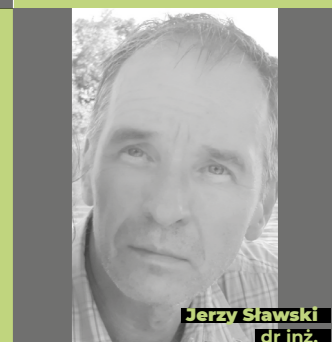
Agnieszka Szumilas
dr inż. arch.



Maciej Zathej
dr



Grzegorz Wasyluk
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Jerzy Sławski
dr inż.



Aleksandra Gierko
dr inż. arch. kraj.



Sebastian Wróblewski
dr hab. inż. arch., prof. uczelni



Spatial
Management



RESEARCHES, TEST APPARATUS, SOFTWARE

The team of scientists teaching classes at Master's Degree in Spatial Management conducts diverse research in the sub-fields of spatial planning. Students and PhD students willingly participate in scientific work undertaken by the Faculty's employees.

Specialized equipment and software are used during classes and scientific researches. We use thermal imaging cameras, anemometers, 5G and mobile phone network radiation meters, SBS-PM2.5 solid particles sensors and GoPro cameras. Students have the possibility to use the faculty's equipment, also during didactic classes.

In terms of software the ArcGIS with a wide range extensions bundle, and the open-source QGIS that are used in the professional work. Spatial analyses are also performed in the ENVI-met application. CAD software from Autodesk and Bentley are also employed.

Students have the possibility to use the faculty's equipment, also during didactic classes



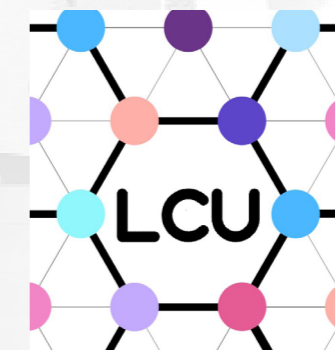
ArcGIS



AUTODESK
AUTOCAD



QGIS



ENTRY CRITERIA

The recruitment rate of a candidate is calculated according to the formula:

$$WII = D \times 10 + AV$$

where:

D – final grade in the diploma

AV - weighted average of the grades

Additional requirements:

- Engineer Degree or Master of Engineering
- no restrictions on the acceptable fields of study

CONTACT

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PROGRAMME COORDINATOR:

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Spatial Management

can't wait to see you
on campus!