FACULTY OF MATHEMATICS
AND COMPUTER SCIENCE
University of Lodz

Faculty of Mathematics and Computer Science

math.uni.lodz.pl
sekretariat@wmii.uni.lodz.pl

- Number of students – 1.348
- Number of employees – 128
- Number of departments – 11
- Number of study programmes – 3

About the Faculty

The mission of the faculty is to reliably conduct scientific research and educate students and doctoral students. In research, our willingness to take on difficult topics is important. In education, we want our studies to both provide up-to-date knowledge and teach critical thinking with precision, as well as develop curiosity and social responsibility.

It is equally important for us to build students' competencies that allow for a good start on the labour market. We are the only unit in the region educating future mathematics teachers, using state-of-the-art teaching methods. The data analysis study programme is a response to the challenges of the modern world, in which the skills of extracting knowledge from the vastness of information we are provided with, and critically assessing such information becomes essential.

Key research areas:

- Functional analysis
- Differential geometry
- Algebraic and analytic geometry
- Computer Science and Applications
- Optimisation
- Probability Theory and Applications
- Differential equations
- Topology and real analysis
- Dynamic systems

The visibility of our research is manifested by, for instance, the fact that two of our employees are among the top 2% of researchers in the world according to Stanford University, SciTech Strategies and Elsevier (the database of the most highly cited scientists in the world).

We are educating students as part of one of the first study programmes in Poland, which is data analysis. The programme has been created as a response to the expectations of the labour market and its curriculum has been consulted with the economic environment. The faculty has participated in the creation of a new University of Lodz unit – Centre for Data Analysis, Modelling and Computational Sciences (CAMiNO), which is a response to the growing interest in the use of analytical tools in scientific projects.

Modern education of future teachers is based on a unique study curriculum consisting in the preparation of mathematics teachers considering their scientific achievements in psychology, didactics and pedeutology as well as ICT development. The project is funded by the European Union.

Study Programmes

Bachelor's Degrees:

- Informatics
- Mathematics
- Data analysis (engineering or bachelor's studies)
- Master's Degrees:
- Informatics
- Mathematics
- Data analysis

Study Programmes in English: Computer Science specialisation - the field of study of Informatics