

Mathematical Analysis and Modeling

Double Master's Degree Programme run jointly by Tomsk State University (TSU) and its international partners – *Laboratory of Mathematics at Rouen University (Laboratoire de Mathématiques Raphaël Salem, University of Rouen, France)*, *Rouen National Institute of Applied Sciences (Institut National des Sciences Appliquées de Rouen, France)*.

In the next year this Programme will be opened at universities of Augsburg (Germany), Amsterdam (the Netherlands), Seville (Spain) and Naples (Italy).

More details about the departments and chairs involved in the programme can be found at:

<http://lmrs.univ-rouen.fr/Enseigne/amm/>

The Programme is designed to train highly-qualified specialists capable of conducting project-based, scientific, information, and research activities for Russian and European commercial organizations and scientific and research centers.

Upon successful completion of the Programme, students are awarded the degree as follows:

- Master of Science (MSc) in «Mathematics»
- Master of Mathematics in «Mathematics. Computer sciences» (Russia)

Duration of studies: 1st year at TSU, 2nd year at one of the partner universities.

Syllabus of the Programme

The Programme is carried out as follows:

1st and 2d semesters – the period of 18 weeks – are taught at National Research University – Tomsk State University in the subject area of ‘Mathematics. Computer Sciences’, master programme. It includes general vocational and specialty-oriented disciplines (such as industrial mathematics, optimization methods, supercomputer technologies etc.) along with the in-depth study of English.

3d and 4th semesters – according to the schedule of the European partner university (France) in Fundamental and Applied Mathematics; included are specialty-oriented disciplines, foreign languages, work placement.

During the 2d year of study, there is work on master thesis going in parallel with learning, with its consequent defense. The preparation and defense of master thesis, graduation exams take place at one of the partner universities (*Tomsk State University, Rouen University*).

Educational activities are carried out according to an individual plan of a master student set up with participation of a research adviser.

Mode of study: full. Significant part of study time is dedicated to learning English and – on a selective basis – Russian and French.



Admissions Documents

http://tsu.ru/english/admission/master_s_programs/

An applicant is required to submit also

- ▶ *Certificate of higher education along with all supplements*
- ▶ *Recommendation letters from the last place of study (employment)*
- ▶ *Motivation letter*

Contacts

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