

# Summer School in Nanofiber Synthesis and Research 2021

National Research ITMO University

Language of study: **English**

Mode of study: **distance learning**

Duration: **1 week**

Availability of free education: **no**

Price: **24,000 RUB (~300 euro)**

Programme webpage at the university website: <https://schools.itmo.ru/en/school/19/>

Programme curator: **Ekaterina Rassolenko**

Tel.:

E-mail: [e.rassolenko@itmo.ru](mailto:e.rassolenko@itmo.ru)

**Place of Study:** ITMO University

**Language:** English

**Duration:** Week in summer 2021

**Outcome:** ITMO official certificate, 3 ECTS

**Deadline:** June 1, 2021

**Admission Requirements:** Bachelor's students in respective fields (3rd year and above) and Master's students

## Summer School Program

The summer school in Nanofiber Synthesis and Research 2020 welcomes students to undertake a two-week-long training at ITMO's Science and Research Center of Bioengineering.

During the summer school, students will be offered a wide range of lectures on producing nanofiber with the method of electro-spinning. During practical classes, participants will acquire experience in working with the NANON device, learn to assert conditions of synthesis and prescription parameters for producing different kinds of nanofiber. In order to better research various characteristics, produced nanofiber will be studied with the help of up-to-date methods: Fourier-transform spectroscopy, thermal analysis complex, thermogravimetric analysis, DSC.

## Specializations within this programme