

International Polytechnic Summer School "Bioengineering (Polytech - LUH)"

Peter the Great St. Petersburg Polytechnic University

Degree or qualification is awarded:

Internationally Recognized SPbPU Certificate with list of completed courses, grades and ECTS

Language of study: **English**

Mode of study: **full-time, distance learning**

Duration: **2 weeks**

Availability of free education: **no**

Price: **270-510 euro**

Programme webpage at the university website:

https://summerschool.spbstu.ru/programs/bioengineering_polytech_luh/

Programme curator: **Department of International Educational Programs**

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July 5 - July 16, 2021

The course is suitable as the first bioengineering course or an add-on course for senior undergraduate students and graduate students.

The primary objective of the course is to present the fundamentals of biomaterials physics and technology particularly highlighting specific fields of cryoconservation and tissue engineering. The lectures cover polymeric implants, scaffold engineering, topics of cryobiology, cryotechnology, artificial organs. The program also includes online visit to an electrispinning laboratory and working on a project in small teams.

Duration: 2 weeks

ECTS credits: 4.0

Participation fee:

Online format: 270 eur

On-site format: 510 eur

Cultural program

Socio-cultural program of extracurricular activities and networking events are included*:

Online format:

- - Online Pub Quiz;
- - Online Interactive Tour to SPbPU Museum;
- - Online broadcasting of excursion to the Hermitage museum;

On-site format:

- - Boat city tour for students to get acquainted with the beauty of the city;
- - Excursion to the Hermitage, one of the world's largest and oldest museums of fine art;
- - Pub Quiz in the city center of St. Petersburg;
- - Excursion to Pushkin, former czar summer residence famous for its palace and park ensemble. Students will visit the outstanding Catherine Palace with glorious Amber room (optional, for extra price);
- - Excursion to Peterhof palace-ensemble with picturesque gardens, a countless number of fountains and giant golden statues (optional, for extra price)

*All of the listed above activities are planned to take place but in case any of those will have to be cancelled, an alternative event will be offered to participants.

Deadline for registration

Online format: June 21, 2021

On-site format:

- for EU- or visa-free countries nationals: June 07, 2021

- for non-EU nationals: April 26, 2021

Program partners:

- Leibniz University of Hannover (LUH, Germany)

Specializations within this programme