

Art and Science

Saint Petersburg National Research University of Information Technologies, Mechanics and Optics

Language of study: **English**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **no**

Price: **224 000 RUB per year**

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Art & Science is an interdisciplinary area of contemporary culture located at the interface of rational scientific and intuitive artistic ways of exploring the world. These two areas are connected, allowing not only to understand science but also to see its beauty and creativity capacity. Art & Science defiantly goes beyond the traditional understanding both of art and science, creating a wide field for innovations in society.

The unique Master's program in Art & Science is created for those who strive to overcome any disciplinary boundaries. It allows to obtain scientific and engineering skills essential for artists who are already engaged in the art work and who would like to find new ways of expressing their creative initiatives. At the same time, the program is designed to uncover the creative capability of those who have some practical experience in the spheres of IT and Computer Science, Robotics, Photonics or Biotechnology, and who are seeking for new ways of self-development and communication.

The basis of the studying process is a problem-based learning approach which allows you to fully immerse yourself in the chosen area. The framework of the program is interpretation of the global world challenges. Within two years, students are working with global challenges of modernity, creating their own art-residency project connected to one of those challenges.

Specializations within this programme

Science, society and the modern world challenges.

Students consider the range of global challenges of modern society; form ideas about digital culture and the concept of life forms; study the design thinking, entrepreneurial culture and innovative practices in various areas of life.

Theory and history of Art & Science

Students study history of the technical figurative art; theory and philosophy of Art & Science; theory of contemporary art and the critical theory; ethical issues in Art & Science.

Modern science and technology

This unit is dedicated to the study of the modern scientific research, and hi-tech technology of ITMO University; social criticism of science; Science and Technology Studies (STS) and Ethnographic Laboratory Studies approaches; approaches to technology and scientific research foresight.

Project work

Through the project work students learn how to manage projects and raise funds for their implementation (learn the fundraising); explore curators strategies; meet with the diversity of museums and art venues, festivals of Art & Science; work on individual and team projects.