

ADMISSION TERMS

- Applicants take exams in Russian, Mathematics, Physics.
- School leavers submit Single State Exam results.
- Graduates of technical schools, secondary vocational schools, high professional education, foreign citizens, disabled people take exams in traditional form.

The program is full-time on budget basis and paid basis.

The term of full-time studies: 4 years.

Official site:
iate.obninsk.ru

Admission Committee:
priem.iate.obninsk.ru

Net school:
school.mephi.ru

ADDRESS:

249040, Obninsk, Studgorodok st., 1

TELEPHONE:

+7(484)393-69-61

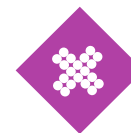


INTERNATIONAL CAMPUS

- ecologically clean place
- complex of dormitories for 2000 students
- comfortable social environment
- developed infrastructure
- students' theater
- sports club

MIAN NATIONAL
RESEARCH
UNIVERSITY
NUCLEAR

**OBNIBNSK
INSTITUTE
FOR NUCLEAR
POWER ENGINEERING**



INSTITUTE OF CYBER INTELLIGENCE SYSTEMS

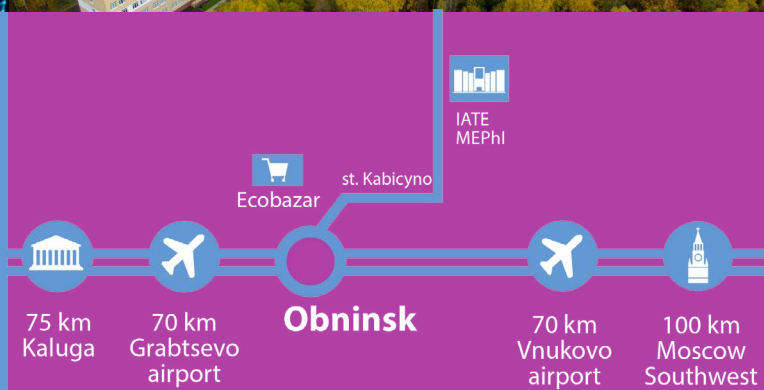
EDUCATIONAL PROGRAM 01.03.02 APPLIED MATHEMATICS AND INFORMATICS

MASTER'S DEGREE

Educational programs are developed in the interests of employers. Practical training in laboratories of the leading companies. Efficient employment system. Startups support.

POST GRADUATE COURSE

Research in breakthrough fields of science. Research advisors are scientists of world level. Assistance in winning grants. Access to equipment of our partner-organizations.



THE SCHEME OF TRAVEL TO THE IATE MEPhI





GENERAL INFORMATION

HEAD OF EDUCATIONAL PROGRAM



Sergey Ermakov

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**Program Profile:
"Applied Informatics"**

Qualification: Bachelor

PROGRAM OBJECTIVES:

The program is aimed to foster in Bachelor-graduates

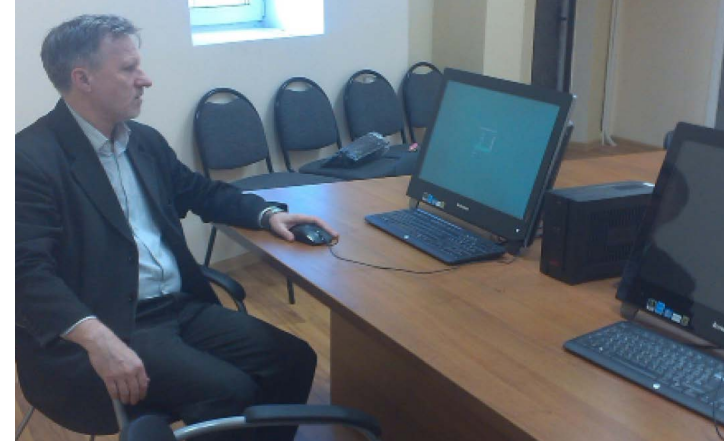
- Ability to create analytical surveys of applied mathematics and informatics state based on special literature analysis in the areas related to computer modeling of physical processes and allied fields;
- Ability to develop algorithmic and program solutions in the field of systems and applied programming, mathematics, information and simulation models, to create information resources in global networks, databases, systems testing means.

MAJOR DISCIPLINES

- Programming basics
- Object-oriented programming
- Contemporary programming means
- Discrete mathematics
- Databases and expert systems
- Probability theory and mathematic statistics
- Functional analysis
- Optimization methods
- Numeric methods
- Operations research
- Operational systems
- Computer graphics

ADVANTAGES OF EDUCATIONAL PROGRAM

Graduates obtain fundamental education in physics and mathematics which allows them to adapt rapidly to other areas of human activities, e.g. to economics, IT, mathematic modeling and system programming; and to receive competences facilitating their social mobility and stability in the labor market.



EMPLOYMENT FOR GRADUATES. CAREERS. PARTNERS.

"Applied mathematics and informatics" Program graduates work in Obninsk research institutes and companies, such as IPPE, "Typhoon" Research & Production Company, "Technologiya" Research & Production Company, "Signal" Instrumentation Plant, Kaluga Research Radio Engineering Institute, Samsung and others. Many graduates work in Moscow and Kaluga companies. Some graduates work at NPPs of "Rosenergoatom" concern and in other companies of State Corporation "Rosatom".

