

ADMISSION TERMS :

- Applicants take exams in Chemistry, Mathematics and Russian.
- 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 :

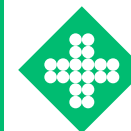
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TELEPHONE :

+7(484)393-69-61



**OBNINSK
INSTITUTE
FOR NUCLEAR
POWER ENGINEERING**



INSTITUTE OF ENGINEERING PHYSICS FOR BIOMEDICINE

**EDUCATIONAL PROGRAM
04.03.02 CHEMISTRY, PHYSICS
AND MECHANICS OF MATERIALS**

INTERNATIONAL CAMPUS

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

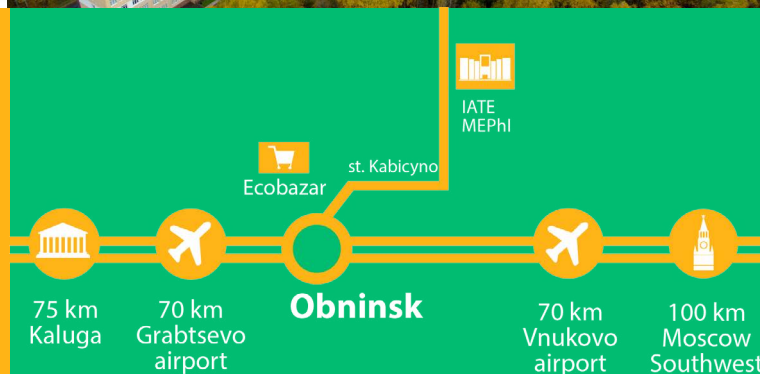


MASTER'S DEGREE

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



**Dr. Pharmacy
Natalia Epshtejn**

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+7(910)518-14-54

Program Profile:
"Nanomaterials for Biology
and Medicine"
Qualification: Bachelor

Purpose of the program is to train highly-qualified specialists with profound knowledge of chemical, physical, mechanical and pharmaceutical properties of substances; that will allow the graduates to solve efficiently the problem of creating innovative nanomaterials for biology and medicine and developing modern original medicines.

EMPLOYMENT FOR GRADUATES. CAREERS. PARTNERS OF THE PROGRAM.

Our graduates work in:

- organizations developing and manufacturing biologically active compounds and components of medicines;
- scientific centers;
- companies developing and manufacturing final dosage forms;
- analytical labs controlling quality of medicines;
- laboratories of Defense Ministry, law-enforcement authorities and special authorities of Russia (FDSC, RF Ministry of the Interior, Ministry of Justice, FSS and others) performing research in clinical pharmacology and toxicology, forensic examinations, addictology and doping tests;
- take Master's and Post-Graduate courses.

Partner-companies:

companies of Kaluga pharmaceutical cluster: pharmaceutical plants of world leading companies "AstraZeneca", "NovoNordisk", "Stada CIS", "Berlin Chemie/Menarini" and major and medium Russian companies "NEARMEDIC PLUS", "Mir-Pharm", "PharmVILAR", "BION", "Obninsk chemical/pharmaceutical company" and others; research centers: IPPE named after A.I. Leipunskii, NIFHI named after L.Ya.Karpov MRRC named after A.F. Tsyba.



MAJOR DISCIPLINES

- Inorganic chemistry
- Analytical chemistry
- Physical chemistry
- Organic chemistry
- Structural chemistry and crystal chemistry
- Colloid chemistry
- High-molecular compounds
- Physics of condensed state
- Basics of materials and nanomaterials production techniques
- Chemical technology
- Basics of nuclear medicine
- Chemical technology
- Introduction to pharmaceutical technology
- Basics of pharmaceutical chemistry

