

Ballistic Design of Space Complexes and Systems

Peoples' Friendship University of Russia

Degree or qualification is awarded:

Master's Degree

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **254 500 RUB per year for CIS students, 4 100 US \$ per year for Int. students**

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Programme focus

The programme is designed to train highly qualified experts capable of performing professional duties in aerospace companies, research institutes and mission control centers of various commercial and government institutions. The programme integrates traditional dogmas put forward by Russian experts and international practices of ballistic design of space complexes and systems.

Programme advantages

The programme covers mathematic modelling, application of IT equipment, complex issues associated with near and far-out space. The programme aims to:

- develop the skills that could be implemented to analyze orbits and orbital structures of satellite systems;
- nurture the complex approach to the issues associated with ballistic design of space complexes and systems;
- cater for internships with leading aerospace companies.

Full-time mode of attendance (state-funded and fee-based) based on the results of entrance examinations. Candidates are required to pass an interdisciplinary examination in Applied Mathematics and Computer Science in written form.

Graduates' expertise and career opportunities

Gained knowledge enables programme graduates to engage in any kind of activity associated with ballistic design of space complexes and systems, engage in comprehensive research activities, mathematical modelling and complex technological processes, design orbits and orbital architecture of satellite systems to calculate the logistics of orbital stations, and address other pressing issues of modern cosmonautics.

Specializations within this programme