Applied Mathematics and Computer Science

Far Eastern Federal University

Degree or qualification is awarded: **Bachelor**

Language of study: **Russian**
Mode of study:
Duration: **4 years**
Availability of free education: **yes**
Price: **190 000 rubbles per year**

Programme webpage at the university website:
https://www.dvfu.ru/upload/medialibrary/3b0/unvr9ecxqy7jpiqhrtg26jufhdwpargp/%D0%9F%D0%B0%D1%81%D0%BF%D0%BE%D1%80%D1%82%20%D0%9E%D0%9F%2001.03.02%20%D0%9F%D1%80%D0%B8%D0%BA%D0%BB%D0%B0%D0%B4%D0%BD%D0%B0%D1%8F%20%D0%BC%D0%B0%D1%82%D0%B5%D0%BC%D0%B0%D1%82%D0%B8%D0%BA%D0%B0%20%D0%B8%20%D0%BA%D0%BE%D0%BC%D0%BF%D1%8C%D1%8E%D1%82%D0%B5%D1%80%D0%BD%D1%8B%D0%B5%20%D0%BD%D0%B0%D1%83%D0%BA%D0%B8%20%D1%81%D0%B5%D1%82%D0%B5%D0%B2%D0%B0%D1%8F.pdf

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The uniqueness of this educational program consists in combining the advantages of enhanced mathematical training from leading teachers of the Moscow Institute of Physics and Technology (MIPT) and training in the development and application of modern high-performance computing technologies from FEFU teachers.

Key disciplines of the educational program:

MIPT Block: Linear Algebra, Introduction to Mathematical Analysis, Multidimensional Analysis, Integrals and Series; Differential Equations; Discrete Mathematics; Harmonic Analysis; Multiple Integrals and Field Theory;

FEFU Block: Programming languages and Methods, Algorithms and Data Structures, Algorithmic Graph Theory, Neural Networks and Machine Learning, Numerical Methods, Functional Analysis, Equations of mathematical Physics, Mathematical Modeling.

Specializations within this programme