

Programming of robotic systems

Far Eastern Federal University

Degree or qualification is awarded: **Bachelor**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **210 000 rubbles per year**

Programme webpage at the university website:

<https://www.dvfu.ru/upload/medialibrary/e0c/2rvoxsq4j4g2yjjv94gs3i7p1ehj1q05/%D0%9F%D0%B0%D1%81%D0%BF%D0%BE%D1%80%D1%82%20%D0%9E%D0%9F%2009.03.02%20%D0%9F%D1%80%D0%BE%D0%B3%D1%80%D0%B0%D0%BC%D0%BC%D0%B8%D1%80%D0%BE%D0%B2%D0%B0%D0%BD%D0%B8%D0%B5%20%D1%80%D0%BE%D0%B1%D0%BE%D1%82%D0%BE%D1%82%D0%B5%D1%85%D0%BD%D0%B8%D1%87%D0%B5%D1%81%D0%BA%D0%B8%D1%85%20%D1%81%D0%B8%D1%81%D1%82%D0%B5%D0%BC.pdf>

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The educational program is aimed at the formation of broad, universal IT specialists with specialized interests: in programming of robotic systems, with skills of working with microcontrollers; 3D modeling and layout of RTS elements; designing, testing and debugging programs for RTS; algorithmic, mathematical and physical fundamentals of RTS functioning.

Key disciplines of the program:

Programming technologies, robot programming ecosystems, distributed networks of microcontrollers and sensors, three-dimensional solid-state modeling technologies, information processing technologies on microcontrollers, information systems security and information protection in networks, fundamentals of data management, module of basic physical and mathematical disciplines, project activities of distributed teams.

Partners participating in the implementation of the program:

M.V. Lomonosov Moscow State University MIPT, Agency for Strategic Initiatives, NGO "Worldskills Russia".

Specializations within this programme