

Shipbuilding and Ocean Engineering

Far Eastern Federal University

Degree or qualification is awarded: **Master**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **390 000 rubles per year**

Programme webpage at the university website:

[https://www.dvfu.ru/upload/medialibrary/e73/1rc1a6szpibclcer63nhc4rc6gllujbb/26.04.02%20%D0%9A%D0%B8%D0%9E%20%D0%BF%D0%B0%D1%81%D0%BF%D0%BE%D1%80%D1%82%20%D0%9E%D0%9F%20\(2022\).pdf](https://www.dvfu.ru/upload/medialibrary/e73/1rc1a6szpibclcer63nhc4rc6gllujbb/26.04.02%20%D0%9A%D0%B8%D0%9E%20%D0%BF%D0%B0%D1%81%D0%BF%D0%BE%D1%80%D1%82%20%D0%9E%D0%9F%20(2022).pdf)

Programme curator: **Vlasov Gleb**

Tel.: **8(423)265-24-24 ext.2684**

E-mail: interadmission@dvfu.ru

The Master's program "Shipbuilding and Ocean Engineering" is aimed at scientific research and ensuring the development of projects and the construction of promising vessels and apparatuses for the exploration and export of resources of the Arctic region, the development of which is determined by trends towards the depletion of world oil and gas reserves and requires the use of new technologies and compliance with strict environmental requirements. Against the background of increasing interest in the development of the Arctic region, in particular to its offshore fields, the selection and optimization of the fleet serving the Arctic field is an urgent task. The specifics of the educational program "Shipbuilding and Ocean Engineering" is the integration of science, education and production into a single scientific and educational space based on information technologies for the support of marine equipment objects during their life cycle, contributing to the development of modern innovative shipbuilding production.

Graduates are in demand and successfully work at shipbuilding and ship repair enterprises of the Far East and central regions of Russia, as well as abroad: the Republic of Korea, China, Vietnam, Japan, Australia, etc.

The educational process is organized considering the elements of the digital economy and group project training. The use of the latest technologies of 3D modeling, rapid prototyping, product maintenance during the life cycle will allow the graduate to quickly adapt to the modern information environment.

Key disciplines of the program:

Methodology of scientific research in marine engineering; Modern technologies of shipbuilding and ship repair; Information technologies in the life cycle of marine equipment; Technical operation of marine equipment; Modeling of the processes of creation and operation of marine equipment.

Partners and experts involved in the implementation of the program:

Partner universities: St. Petersburg Maritime Technical University; Nizhny Novgorod State Technical University named after R. E. Alekseev; Komsomolsk-on-Amur State Technical University.

Partner companies: PJSC "NK "Rosneft"; JSC "Far Eastern Shipbuilding and Ship Repair Center"; FAA "Russian Maritime Register of Shipping"; JSC "Far Eastern Research, Design and Survey and Design and Technology Institute of the Navy".

Specializations within this programme