

DESCRIPTION OF THE EDUCATIONAL AND PROFESSIONAL PROGRAM

Field of knowledge 13 - MECHANICAL ENGINEERING

Specialty 135 - Shipbuilding

Educational program - Ship repair and maintenance of the fleet

(second (master's) level of higher education)

Educational qualification "Master of Shipbuilding"

Form of study: full-time/extramural

Availability of **accreditation**. Ministry of Education and Science of Ukraine

Certificate of accreditation of the educational program: series UD № 15009008

Certificate is valid until July 01, 2025.

The Educational and Professional Program (EPP) "Ship Repair and Fleet Maintenance" was developed on the basis of the Higher Education Standard of Ukraine for the second (master's) level of higher education in the field of knowledge 13 "Mechanical Engineering", specialty 135 "Shipbuilding" (Order of the Ministry of Education and Science of Ukraine, 10.07.2019, No. 963). The EPP defines the prerequisites for access to education, the orientation and main focus of the program, the amount of ECTS credits required to obtain a master's degree, a list of general and special (professional) competencies, mandatory (normative) and variable content of specialist training, formulated in terms of terms, learning outcomes and requirements for quality control of higher education.

The educational program is aimed at forming in applicants for the second (master's) level of higher education the competencies necessary to solve complex problems and problems of professional activity at all stages of repair, renovation and maintenance of ships of various types, offshore floating structures (OFS) and technical means of ocean exploration (TEO), which requires updating and integration of knowledge, often in conditions of incomplete/insufficient information and conflicting requirements.

Objectives of the educational program:

- formation of scientific systematic thinking about the progress of development and problems associated with all stages of repair, renovation, operation and maintenance of various types of ships, offshore floating structures and technical means of ocean exploration;

- formation of professional competencies aimed at employment of graduates in positions related to research, repair, renovation, operation and maintenance of ships, offshore floating structures, ship power plants and their equipment, ship power and automation systems, ship machinery, mechanisms and equipment, system engineering of marine infrastructure facilities;

- formation of competencies for personal responsibility for the learning process; aptitude for further self-development and self-improvement, including during professional activities, in order to deepen the acquired and acquire new professional knowledge.