

Code: 48 „Hull and Safety Equipment for Ships and Marine Structures”

ECTS credits: 6

Forms of assessments: Exam

Number of hours per week: 2+0+2

Types of assessment: Exam - written
with oral discussion

Department, providing instruction on the discipline:

Department: *NAVAL ARCHITECTURE AND MARINE ENGINEERING*
FACULTY OF SHIPBUILDING

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Annotation: The subject of " Hull and Safety Equipment of Ships and Marine Structures " as a special discipline for students teaches the structures and design features of the various types of hull and safety equipment for transport vessels and some special types of equipment and launching gear for floating structures. The discipline aims:

- to develop in students a technical understanding of the hull equipment as an integral part of the ship;
- to familiarize them with the ways of providing seaworthiness, operation etc. ship qualities through hull equipment, as well as the provision of marine structures through some special devices;
- to familiarize them with the constructional features of the equipment as a whole, as well as with the structural features of their components;
- to create practical skills for the design of ship equipment;
- to familiarize students with the requirements of international conventions and standards for the protection of human life at sea and ways to fulfil them

Main issues of the syllabus content:

- Rescue and safety equipment
- Steering equipment
- Cargo loading equipment
- Anchoring equipment
- Mooring equipment
- Towing equipment

Content presentation:

- Lectures
- Laboratory exercises