

Code: 56b,,System Analysis for Design of the Ships and Marine Structures”

ECTScredits: 6

Number of hours per week: 2+0+2

Forms of assessments:Exam

Types of assessment: Exam - written with oral discussion

Department, providinginstruction on the discipline:

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

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Annotation: The course "System Analysis for Design of the Ships and Marine Structures" as part of the ship design and ship building discipline package aims to introduce the students of the Naval Architecture and Marine Technology the system approach and analysis in the design of complex technical systems . In the lectures and exercises course students study:

Main issues of the syllabus content:

- Analysis of complex technical systems.
- System approach when designing and building complex technical objects.
- Special features of automated systems (CAD /CAM).
- Development of CAD/CAM systems.

Content presentation:

Lecture, Laboratory exercises