



APPLIES TO ACADEMIC YEAR 2012/2013

## SHI 3401 The Maritime Industry

### Programme

Bachelor of Shipping Management (1. year)

### Responsible for the course

Eirill Bø

### Department

Department of Strategy and Logistics

### Term

According to study plan

### ECTS Credits

7,5

### Language of instruction

English

### Introduction

The course will introduce students to the role of maritime transport in international trade and to the specific tasks that face shipping companies and other organizations in the maritime industry. It targets students who wish to get basic knowledge about the industry. The course is aimed at students that wish to work close to shipping companies, shipbrokers, or with consultants, finance and insurance organizations that include shipping in their portfolios.

### Learning outcome

#### Acquired knowledge

- Comprehend theories on the rise and development of the shipping industry.
- Appreciate the historical development of shipping, with emphasis on the traditions underpinning today's shipping.
- Attain knowledge and understanding of how shipping functions.
- Understand the ship finance and the shipping economies.
- Understand the principles of maritime trade.
- Understand chartering practice and its contracts.
- Understand the dynamics of shipping business cycles in an economic perspective.

#### Acquired skills

- Attain an ability to reflect upon the different roles of sea transport in the global economy.
- Be able to discuss and consider different market logic related to shipping.
- Understand the role of ports in the transport system.
- Assess different features of ownership and control related to shipping.
- Reflect in writing on the issues above.
- Describe ship types and measurement systems, as well as operational modes such as liner and bulk carrier trades;
- Define the basic cost elements of ship operations;
- Analyze the relationship between demand and supply for shipping services, and discuss basic principles of rate making
- Analyze freight markets

#### Reflection

Develop an awareness regarding the shipping industry's major role in the world trade. Reflect on the responsibilities of the shipping company due to ship finance and risk.

#### Prerequisites

None

#### Compulsory reading

##### Books:

Stopford, Martin. 2009. Maritime economics. 3rd ed. Routledge

#### Recommended reading

##### Books:

Dokkum, Klaas van. 2011. Ship knowledge : ship design, construction and operation. 7th ed.

DOKMAR. (www.dokmar.com)  
Wijnolst, Niko and Tor Wergeland. 2009. Shipping innovation. IOS Press

**Other:**

A selection of articles will be discussed and analyzed in class and group work. The articles will be distributed on It's Learning

**Course outline**

- Introduction to shipping
- Sea transport and the global economy
- The organization of the shipping market
- Shipping-marked economy
- Supply, demand and freight rates
- Shipping-company economy
- Seaborne trade and transport systems
- The merchant fleet and transport supply
- Forecasting and planning

**Computer-based tools**

No specified computer-based tools are requested.

**Learning process and workload**

45 hours of lectures and group work.

Specific information regarding any aspect of student evaluation will be provided in class. It is the student's responsibility to obtain this information. Please note that whilst attendance is not compulsory, it is the student's responsibility to obtain any information provided in class that is not included on the course homepage/It's learning or mandatory literature. Homepages and/or It's learning are not designed for the purpose of students who choose not to attend class.

**Recommended workload in hours**

Activity	Hours
Participation in lectures	45
Preparation for lectures/reading literature	50
Preparation for the examination	70
Examination	35
<b>Total Recommended workload</b>	<b>200</b>

**Use of hours**

45 hours - Lectures

**Examination**

The course grade will be based on a 72 hours take-home examination. The exam may be taken individually or in groups of up to 3 students.

**Examination code(s)**

SHI 34011 - 72-hour take-home examination. Accounts for 100% of the total grade in SHI 3401 The Maritime Industry, 7,5 a credit..

**Examination support materials**

All support materials are allowed.

Examination support materials at written examinations are specified under exam information in our web-based Student Handbook. Please note use of calculator and dictionary.  
<http://www.bi.edu/studenthandbook/examaids>

**Re-sit examination**

A re-sit examination is offered every term.

**Additional information**