



COURSE PROFILE

DSM 2304

Environmental Shipping Management

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<b>Module Code:</b>	DSM 2304	<b>Prerequisite:</b>	None
<b>Duration:</b>	14 weeks	<b>Semester:</b>	Jan –Apr 2016
<b>Credit Value:</b>	3	<b>Room:</b>	
<b>Contact Hours:</b>	3 hours /week	<b>Time:</b>	

**Key Objective:** You shall be equipped with elements of cognitive processes of remembering, understanding, and explaining the knowledge and features of the concept of environmental shipping to suit current challenges. Furthermore, the environmental ethical issues involved within typical shipping business practice will be discussed alongside implementation of environmental shipping discipline and finally insights into structured/unstructured issues in the implementation.

**Expected Learning Outcomes:**

At the end of the module, the student is expected to be able to:

1. Define the features of environmental ship concept
2. Relate the sensitivity of environmental ethical issues involved in normal shipping business practice.
3. Apply the environmental shipping discipline into shipping business practices
4. Practise approaches to define whether those problems are structured or unstructured
5. Improvise environmental shipping discipline to cater for future requirements of shipping business practices.

**Assessment:**

Assessment Method	Weighting (%)	Deadline
Quiz	10	Week 5
Test	15	Week 8
Assignment	15	Week 6
Presentation	10	Week 10
Final Examination	50	Week 16

**Lecture Series:**

Week count	Topics
1	Ice breaking and Environmentally Conscious ship management
3	Shipping waste stream management system
5	International and domestic environmental regulation; Quiz
7	Management of hazardous waste and recycling issues in shipping industry
9	Environmental ship management and assessment
11	Environmental ship cleaning system methodology
13	Ecological ship and port water- guided management
15	Revision and Recapitulation
16	Final exam

• **Main references supporting the course**

- GALLAGHER, K. 2008. Handbook on Trade and the Environment “ *Elgar Original Reference*” Edvard Elgar Publishing. ISBN 1848446047, 9781848446045
- BOON, B. 2008. United Nations. Economic Commission for Latin America and the Caribbean. División de Recursos Naturales e Infraestructura, Report on Maritime Transport and the Environment for Latin America *Volume 127 of Serie Recursos naturales e infraestructura*, United Nations Publications.

• **Additional references supporting the course**

- Books, LLC, Shipping and the Environment: Environmental Issues with Shipping, Cruise Ship Pollution in the United States, General Books LLC, 2010
- MILLER, P.F., VANDOME, A.F., McBREWSTER, J..2010. Environmental Issues with Shipping, VDM Publishing House Ltd.