

## Sustainability

Module Code: DLBBAS\_E

Module Type	Admission Requirements	Study Level	CP	Student Workload
see curriculum	none	BA	5	150 h

Semester / Term	Duration	Regularly offered in	Language of Instruction and Examination
see curriculum	Minimum 1 semester	WiSe/SoSe	English

### Module Coordinator

Prof. Dr. Karsten Hurrelmann (Sustainability)

### Contributing Courses to Module

- Sustainability (DLBBAS01\_E)

### Module Exam Type

#### Module Exam

Study Format: myStudies

Exam or Written Assessment: Case Study, 90 Minutes

Study Format: Distance Learning

Exam or Written Assessment: Case Study, 90 Minutes

#### Split Exam

### Weight of Module

see curriculum

**Module Contents**

- Fundamentals of Sustainability
- Levels of Sustainability
- Frameworks for Sustainability
- Technical Aspects of Sustainability
- Sustainability Reporting
- Examples of Corporate Sustainability Management Programs

**Learning Outcomes****Sustainability**

On successful completion, students will be able to

- understand the concept sustainability.
- contextualize sustainability in ethical and economical terms.
- explain international frameworks of sustainability.
- understand the technical implications of sustainability.
- develop corporate reporting along the triple bottom line.
- critically analyze sustainability management examples from professional practice.

**Links to other Modules within the Study Program**

This module is similar to other modules in the fields of Quality & Sustainability Management

**Links to other Study Programs of the University**

All Bachelor Programmes in the Transport & Logistics fields

# Sustainability

Course Code: DLBBAS01\_E

Study Level	Language of Instruction and Examination	Contact Hours	CP	Admission Requirements
BA	English		5	none

## Course Description

This course gives students insights into sustainability. It presents fundamentals and definitions and explains the ethical and economic context of sustainability, the various levels of its occurrence and relevant international frameworks. Furthermore, students will familiarize themselves with product development, product life cycle planning and triple bottom line reporting from a sustainability viewpoint. Real life cases of corporate sustainability programs provide insights into different examples from professional practice, thus linking theory and practice.

## Course Outcomes

On successful completion, students will be able to

- understand the concept sustainability.
- contextualize sustainability in ethical and economical terms.
- explain international frameworks of sustainability.
- understand the technical implications of sustainability.
- develop corporate reporting along the triple bottom line.
- critically analyze sustainability management examples from professional practice.

## Contents

1. Fundamentals of Sustainability
  - 1.1 Introduction and Definition
  - 1.2 Sustainability in the Context of Ethics
  - 1.3 Sustainability in the Context of Business: Corporate Social Responsibility
2. Levels of Sustainability
  - 2.1 Societal Level
  - 2.2 Corporate Level
  - 2.3 Individual Level
3. Frameworks for Sustainability
  - 3.1 Sustainable Development Goals
  - 3.2 ISO 14001 and ISO 26000
  - 3.3 Industry Standards on Sustainability

4. Technical Aspects of Sustainability
  - 4.1 Life Cycle Assessment
  - 4.2 Research and Product Development
  - 4.3 Product System Service Design
5. Sustainability Reporting
  - 5.1 Impact Reporting
  - 5.2 Global Reporting Initiative
  - 5.3 Greenhouse Gas Protocol
6. Examples of Corporate Sustainability Management Programs
  - 6.1 Case 1
  - 6.2 Case 2
  - 6.3 Case 3

#### Literature

#### Compulsory Reading

#### Further Reading

- Jarmai, K. (2020): Learning from Sustainability-Oriented Innovation. In: Jarmai, K. (ed.): Responsible Innovation: Business Opportunities and Strategies for Implementation. SpringerBriefs in Research and Innovation Governance, Dordrecht, p. 19-35.
- Lehman, C. R. (2015): Sustainability and Governance. Advances in Public Interest Accounting. Vol. 18, 1st ed. Emerald Group Publishing Limited, Bingley, UK.
- Mazijn B./Revéret J.P. (2015): Life Cycle Sustainability Assessment: A Tool for Exercising Due Diligence in Life Cycle Management. In: Sonnemann, G./Margni, M. (Eds.): Life Cycle Management. Springer, Dordrecht. p. 51-63.
- Shmeleva, I. A./Shmelev, S. (2012): Sustainability Analysis: An Interdisciplinary Approach. Palgrave Macmillan, Houndmills, UK.
- Walker D. H.T./Lloyd-Walker B. M. (2015): Triple Bottom Line Implications. In: Collaborative Project Procurement Arrangements. Project Management Institute, Pennsylvania, USA.

**Study Format myStudies**

<b>Study Format</b> myStudies	<b>Course Type</b> Lecture
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<b>Information about the examination</b>	
<b>Examination Admission Requirements</b>	<b>BOLK:</b> yes
<b>Type of Exam</b>	Exam or Written Assessment: Case Study, 90 Minutes

<b>Student Workload</b>					
<b>Self Study</b>	<b>Contact Hours</b>	<b>Tutorial</b>	<b>Self Test</b>	<b>Independent Study</b>	<b>Hours Total</b>
100 h	0 h	25 h	25 h	0 h	150 h

<b>Instructional Methods</b>	
<input type="checkbox"/> Learning Sprints® <input checked="" type="checkbox"/> Course Book <input type="checkbox"/> Vodcast <input checked="" type="checkbox"/> Shortcast <input checked="" type="checkbox"/> Audio <input checked="" type="checkbox"/> Exam Template	<input type="checkbox"/> Review Book <input type="checkbox"/> Creative Lab <input checked="" type="checkbox"/> Guideline <input checked="" type="checkbox"/> Live Tutorium/Course Feed <input type="checkbox"/> Reader <input checked="" type="checkbox"/> Slides

**Study Format Distance Learning**

<b>Study Format</b> Distance Learning	<b>Course Type</b> Online Lecture
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<b>Information about the examination</b>	
<b>Examination Admission Requirements</b>	<b>BOLK:</b> yes
<b>Type of Exam</b>	Exam or Written Assessment: Case Study, 90 Minutes

<b>Student Workload</b>					
<b>Self Study</b>	<b>Contact Hours</b>	<b>Tutorial</b>	<b>Self Test</b>	<b>Independent Study</b>	<b>Hours Total</b>
100 h	0 h	25 h	25 h	0 h	150 h

<b>Instructional Methods</b>	
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