

Valid for 2022.FS

Module Name: Learning from Disasters			
Module Code	w.BA.XX.2LFD.XX		
Module Description	How could global financial firms such as UBS or AIG have found themselves in a storm of scandals and in need of a government bailout despite sophisticated risk management systems? How could NASA have decided to launch Challenger in hazardous weather conditions, and how was it possible for two US Black Hawks to be shot down by their own troops? These seemingly very different situations are, in fact, similar in many ways. Managing organizational risk posed by low-frequency, high-severity events (catastrophes) requires awareness and an approach that is rarely the subject of traditional business administration courses. This module provides an introduction to organizational risk and the prevailing risk management techniques. The interplay of formal and informal elements is discussed. The focus is on what companies can learn from catastrophes and from researching high-reliability organizations (HRO), as well as on safety/risk culture research. Case studies provide students with the opportunity to analyze and discuss courses of action during well-known and well-documented catastrophes.		
Program and Specialization	<ul style="list-style-type: none"> § Business Administration - Accounting, Controlling, Auditing § Business Administration - Banking and Finance § Business Administration - Economics and Politics § Business Administration - General Management § Business Administration - Risk and Insurance § International Management 		
Legal Framework	Academic Regulations BSc dated 29.01.2009, Appendix to the Academic Regulations for the degree programs in Business Administration, Business Information Technology, and Business Law, first adopted on 12.05.2009		
Module Category	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Module Type: Compulsory Elective</td> <td style="width: 50%;">Program Phase: Main Study Period</td> </tr> </table>	Module Type: Compulsory Elective	Program Phase: Main Study Period
Module Type: Compulsory Elective	Program Phase: Main Study Period		
ECTS	3		
Organizational Unit	W Institut für Risk & Insurance		
Module Coordinator	Carlo Pugnetti (pugn)		
Deputy Module Coordinator	-		
Prerequisite Knowledge	Basic knowledge of probability and statistics		
Contribution to Program Learning Goals (Affected by Module)	<ul style="list-style-type: none"> § Professional Competence § Methodological Competence § Social Competence § Self-Competence 		
Contribution to Program Learning Objectives	<ul style="list-style-type: none"> Professional Competence <ul style="list-style-type: none"> § Knowing and Understanding Content of Theoretical and Practical Relevance § Apply, Analyze, and Synthesize Content of Theoretical and Practical Relevance § Evaluate Content of Theoretical and Practical Relevance Methodological Competence <ul style="list-style-type: none"> § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence <ul style="list-style-type: none"> § Written Communication § Oral Communication § Teamwork & Conflict Management § Intercultural Insight & Ability to Change Perspective Self-Competence <ul style="list-style-type: none"> § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change 		
Module Learning Objectives	<ul style="list-style-type: none"> Students... <ul style="list-style-type: none"> § Understand the dynamics of disasters § Understand personal and organizational drivers to disasters § Understand the frameworks developed to manage organizational risk 		

Module Content	§ Introduction to decision-making under uncertainty (BA Flight 256) § Anatomy of disaster (Piper Alpha) § Prevention, cognitive narrowing, ambiguous threats, and resident pathogens (Challenger) § Organizational factors and culture (UBS) § Enterprise risk management - COSO		
Links to other modules	-		
Methods of Instruction	§ Lecture § Interactive Instruction § Case Studies § Exercises § Project Work	Social Settings Used: § Individual Work § Group Work	
Digital Resources	§ Reader § Teaching Videos § Teaching Materials § Case Studies (with Key)		
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study
Large Class	28 h	28 h	
Small Class	-	-	
Group Instruction	-	-	
Practical Work	-	-	
Seminar	-	-	
Total	28 h	28 h	34 h
Performance Assessment			
End-of-module exam	Form	Length (min.)	Weighting
-	-	-	-
Permitted Resources	-		
Others			
	Assessment	Length (min.)	Weighting
Written Assignment	Grade	-	30,00 %
Talk/oral presentation	Grade	20	40,00 %
Written Assignment	Grade	-	30,00 %
Classroom Attendance Requirement	Mandatory Attendance: Other Mandatory for team project presentations; strongly recommended for all sessions. Mandatory if module is conducted online: online attendance during team project presentations.		
Language of Instruction/Examination	English		
Compulsory Reading	-		
Recommended Reading	-		
Comments	-		