

<b>Course description</b> <b>Master of Science in Public Health</b>	
<b>Module responsible:</b> Gabriele Berg-Beckhoff	<b>Last updated:</b> August 2014
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Module number: 3969212	
<b>Module title: Risk Theory, Assessment and Governance</b>	
ECTS-points	7.5
Responsible institute	Institute of Public Health, Research Unit for Health Promotion
Prerequisites connected to the module	None
General objectives	The module delivers introductory knowledge in the risk research specialisation aiming at providing a general understanding of risk theory and application of the risk concept in the field of human health that enable students to develop methodological skills to describe, evaluate and perform risk assessment in various contexts, as well as to plan risk governance activities.
Specific competency objectives	<p>After successfully completing the module, the student will be able to</p> <ul style="list-style-type: none"> <li>• discuss the concept of hazard and risk, probability and uncertainty in relation to human health</li> <li>• adequately use the measures that enable the expression of the level of health risk</li> <li>• explain, evaluate and perform the process of risk assessment by applying adequate methodology used for identifying hazards, estimating or measuring the level of exposure and considering dose-response (exposure-effect) functions that make the characterisation of risk possible</li> <li>• critically discuss the concept of threshold of safety and acceptable level of risk</li> <li>• explain, evaluate and plan strategy for the governance of health risks acting on population level</li> </ul>
Time of teaching	2 <sup>nd</sup> semester, 1 <sup>st</sup> quarter (Spring semester)

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Competency profile of the education	This module contributes to the elements 3, 4, 8, 10 and 11 of the competency profile of the education (see MSc in Public Health curriculum section 1.4)	
Type of teaching	In this module the students will acquire new knowledge on risk theory and application of the risk concept in the field of human health in lectures. Students will train their methodological skills to describe, evaluate and perform risk assessment in various contexts in seminar exercises and case study work.	
Prerequisites connected to the examination	None	
Type of examination	Individually written assignment Size of assignment: 8 standard pages Internal censorship Grading by the 7-point grading scale	
Evaluation at the grade 12 / evaluation Pass	Grade 12 is given if the student has shown excellent performance, having comprehensively fulfilled the module's objectives with no or only a few minor weaknesses.	
Approved by	The Academic Study Board of Public Health	Approved on 14 August 2014