

CONTENT OF THE SUBJECT

Subject:	<i>Fundamentals of Health Risk Assessment</i>		
Study	<i>General Medicine</i>	Study Period:	<i>9. Winter time</i>
Evaluation:	<i>Exam</i>	Subject Type:	<i>Compulsory Elective Courses</i>
Content:	<i>2 h lectures and 0 h practical exercises / week</i>		<i>Total 28 hours</i>

Department: **Department of Public Health and Hygiene UPJŠ FM**

Week	Lectures https://portal.lf.upjs.sk/index-en.php	Seminars
1.	Risk assessment, risk assessment, security risk exposure. The concept of concentration, dose, the internal dose.	
2.	Risk assessment "4 basic steps: identification of risk (hazard identification).	
3.	The evaluation of the dose/concentration/level of exposure-response/effect on body (evaluating dose-response or effect).	
4.	Assessment of exposure (exposure assessment, methodology).	
5.	Principles of risk assessment in the field of the environment and the occupational environment. The risk characterization, the effective dose-response method of HIAHealth Impact Assessment.	
6.	Specific approaches to risk analysis for the environment for the various components of the environment.	
7.	Objectification of the factors in the working environment, exposure monitoring, qualitative and quantitative evaluation.	
8.	NOEL, LOEL RFD. Other type of doses and evaluation.	
9.	The effects of chemical substances, carcinogens, mutagens and teratogens.	
10.	Stochastic and non-stochastic effects.	
11.	Factor, factor of uncertainty changes. The risk of physical activity (one term excessive load, overload).	
12.	Risk management.	
13.	Risk management.	
14.	Comprehensive lecture, substitute lectures and preterms.	