



**Course:**        **Environmental Health Risk Assessment and Management**

**Objectives:** The basic objective of the course is to enable student to identify actions to eliminate environmental risk factors. Student will get knowledge about the national and international regulations, strategies and policies of health risk management, methods of environmental health risk assessment. The course will develop the student's knowledge and skills relating to planning exposure scenario, calculation of environmental health risks and preparing preventive actions.

**Description:** The course includes following content:

1. Definitions related to health risk management, key documents on health risk management
2. Health risk management in order to reduce of the population exposure to heavy metals and persistent organic pollutants (dioxins, furans, polychlorinated biphenyls)
3. Health risk management of consumers - the safety of food contact materials
4. Exposure to heavy metals prevention
5. Environmental health risk assessment
6. Health risk monitoring

**Literature:** Robson MG, Toscano WA, Meng Q, Kaden DA. Risk Assessment for Environmental Health, 2<sup>nd</sup> Edition, 2022  
Alston F, Millikin EJ. Guide to Environment Safety and Health Management, 1<sup>st</sup> Edition, 2016

**Teaching:** case studies/conversations/practice/laboratory  
150 hours

**Examination:** combined exam – practical & oral/test

**ECTS:** 5

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