



Univerza v Ljubljani



United Nations
Educational, Scientific and
Cultural Organization

uniTwin

Univerza v Ljubljani



UNESCO Chair on
Water-related Disaster Risk Reduction
University of Ljubljana, Ljubljana, Slovenia

PIKT RAMA

*Interdisciplinary Doctoral Programme in **ENVIRONMENTAL PROTECTION***

A need for new learning methods?

Andreja Žgajnar Gotvajn



Univerza v Ljubljani



United Nations
Educational, Scientific and
Cultural Organization

uniTwin

Univerza v Ljubljani



UNESCO Chair on
Water-related Disaster Risk Reduction
University of Ljubljana, Ljubljana, Slovenia



- **Development of society: changed social values and human behaviour worldwide**
- **Environmental problems = interdisciplinary problems: natural and technical sciences, social sciences, humanities, medicine and others.**
- **Environmental problems are defined by knowledge from natural sciences, solved with technical measures having economic and legal bases and loaded with social consequences.**
- **Importance of border areas of different disciplines.**



Univerza v Ljubljani



United Nations
Educational, Scientific and
Cultural Organization

uni Twin



Univerza v Ljubljani

UNESCO Chair on
Water-related Disaster Risk Reduction
University of Ljubljana, Ljubljana, Slovenia

Faculties

- **Biotechnical Faculty**
- **Faculty of Economics**
- **Faculty of Social Sciences**
- **Faculty of Civil Engineering and Geodesy**
- **Faculty of Chemistry and Chemical Technology**
- **Faculty of Mathematics and Physics**
- **Faculty of Maritime Studies and Transport**
- **Faculty of Mechanical Engineering**
- **Faculty of Arts**
- **Faculty of Medicine**
- **Faculty of Natural Sciences and Engineering**
- **Faculty of Law**
- **Veterinary Faculty**



The basic programme goals

- The goal of the programme is to qualify doctoral candidates in scientific thinking and in solving the demanding scientific problems in the area of the environmental protection with an interdisciplinary approach.
- Doctoral graduates will be qualified for creative and independent research work and for solving scientific problems. They will be able to critically assess research results and capable of transferring new knowledge into practice.



Curriculum

How to improve it?

Year 1	Credits	Year 2	Credits	Year 3	Credits
Obligatory methodological Course	10	Elective Course	10	IRW	55
Core Courses	20	Doctoral seminar with presentation of the doctoral dissertation topic	5	Doctoral seminar with presentation of the doctoral dissertation prior to the public defence and the public defence	5
Elective Course	10	IRW	45		
IRW	20				



PIKT RAMA

Univerza v Ljubljani



Ideas based on doctoral study

- The University of Ljubljana is dedicated to its strategic goal of achieving excellence in research through international access and cooperation ([The UL Strategy 2012-2020](#)).
- UNESCO Chair for interdisciplinary studies (UL FGG).
- PŠ Environmental Protection (2016) in Natural Disaster (2017): Erasmus+ project (KA2-HE-14-15): <http://www.let-group.com/summerschool.html>
- www page with lectures for students: long-distance learning, blended learning.
- Involvement in development of new teaching methods.



PIKT RAMA

Univerza v Ljubljani



Additional information

- https://www.uni-lj.si/study/study_programmes/doctoral_study/environmental_protection/
- <https://www.uni-lj.si/study/doctoral/environmental-protection/>
- Student offices at the faculties.