



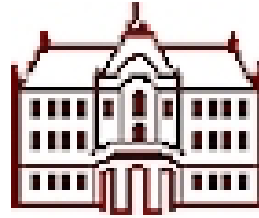
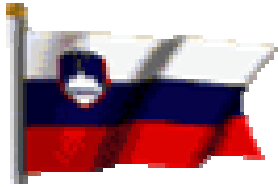
# University of Ljubljana





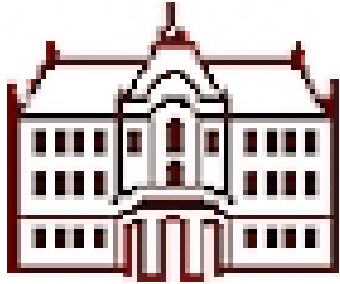
# Faculty of Medicine

University of Ljubljana



# Department for public health:

- Hygiene,
- Occupational medicine,
- Social medicine.

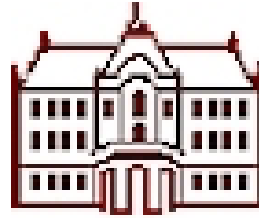


# SLOVENIA

University of Ljubljana  
Faculty of Medicine

Doc. dr. **Marjan Bilban**, dr. med,  
specialist medicine dela, prometa in športa

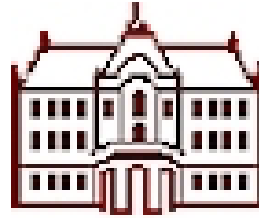
Mag. **Stanislav Pušnik**, dr. med,  
specialist medicine dela, prometa in športa



## **Undergraduate study**

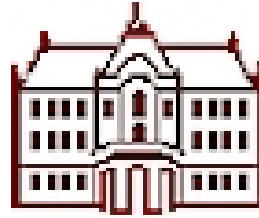
**- fifth year:**

**→ lessons on occupational medicine**



# Undergraduate study

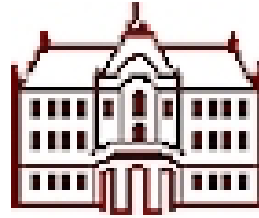
- background information about preventive measures at work, traffic and sport,
- all kinds of monitoring (biological, environmental, epidemiological),
- ergonomic physiology and physiology of work, traffic and sport,
- psychology of work, traffic and sport,
- epidemiology and ecology of working environment,
- occupational diseases,



## **Undergraduate study**

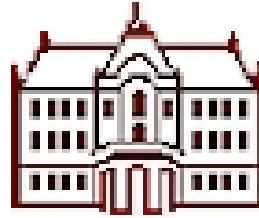
**Students also attend two times  
20 hours of practical exercises.**





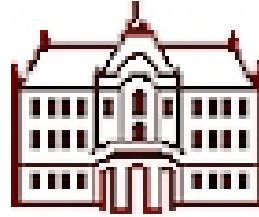
## **Undergraduate study**

In the first part they split into small groups (12 students) and they have active meetings with some experts from the area of assessment of work ability, risk assessment, health promotion at work and epidemiology of occupational diseases.



## **Undergraduate studies**

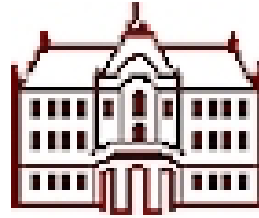
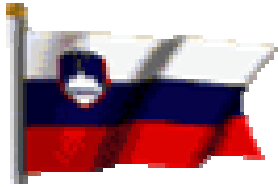
In the second part students become familiar with the most important problems and activities in the area of safety and health at work with assistance of specialists in the region.



# Postgraduate study

**Specialisation training** of occupational medicine

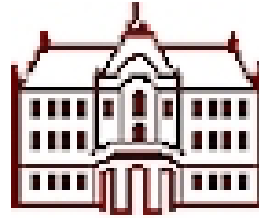
→ lasts 4 years- practical studying in different areas of the profession in verified units under the supervision of a mentor



# Postgraduate study

**Specialisation training** in occupational medicine

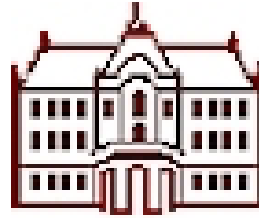
The first three years of specialization process are intended for practical education of the students in occupational, traffic and sport medicine in the medical organisations and other institutions dealing with health and safety at work.



# Postgraduate study

**Specialisation training** in occupational medicine

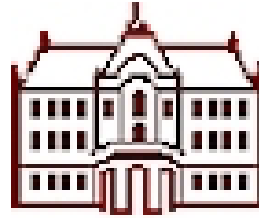
In the last fourth year the students focus their interest on one particular field of occupational medicine, which will be most needed for their future work. The students can choose between the following issues:



# Postgraduate study

**Specialisation training** of occupational medicine

- . occupational toxicology and pathology,
- . occupational physiology with ergonomics,
- . sport medicine,
- . occupational epidemiology,
- . traffic medicine.

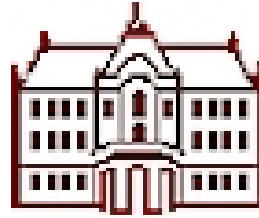


# Postgraduate study

Specialisation training of occupational medicine

→ includes 8 exams:

- public health,
- introduction in epidemiology,
- occupational pathology,
- ecology,
- statistical methods,
- legislation and deontology,
- occupational physiology,
- active health protection of the employees,

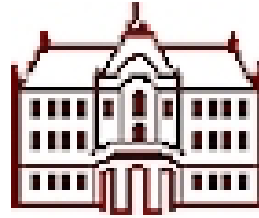


# Postgraduate study

Specialisation training of occupational medicine

→ making and defending of a research paper





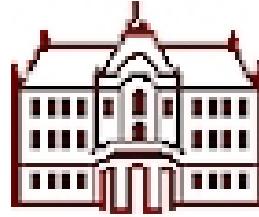
# Postgraduate study

**Specialisation training** of occupational medicine

## **Conclusion of specialization**

The chief mentor establishes, that the specialization training is completed checking:

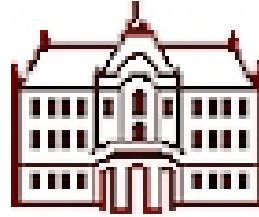
- the duration of the specialization,
- the fulfilment of required conditions regarding the acquired knowledge,
- that the student has passed the required examinations,
- what is the number and quality of the interventions.



# Postgraduate study

**Specialisation training** of occupational medicine

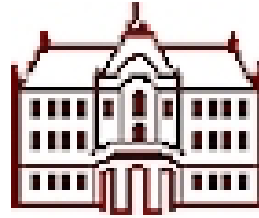
Each student keeps a training log-book, and separately also the diary of all performed interventions, first assistances and pedagogical and research contributions.



# Postgraduate study

Specialisation training of occupational medicine

→ passing the board exam

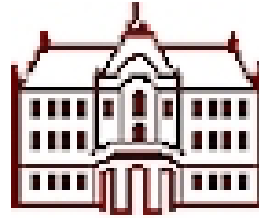
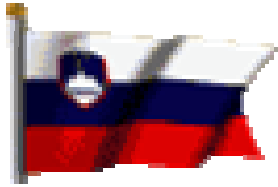


# Postgraduate study

Specialisation training of occupational medicine

**The board exam is conducted in one day:**

- student presents case report of expert valuation
- student presents expert paper
- the theoretical part is oral and includes questions in the field of epidemiology, preventive activities for health of workers, traffic participants and sportsmen, occupational pathology, physiology...

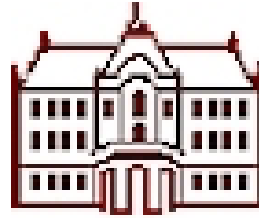


# Postgraduate study

## Specialisation training of occupational medicine

Detail program for the first three years:

- Epidemiologic methods of the working and living environment
  - 1 month
- Occupational diseases and work-related diseases
  - 10 months
- Preventive activities for health protection
  - 1 month

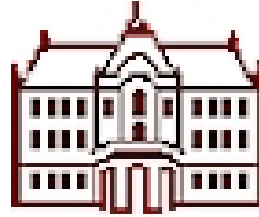


# Postgraduate study

## Specialisation training of occupational medicine

Detail program for the first three years:

- Risk assessment on the workplace
  - 2 months
- Preventive examinations
  - 8 months
- Special laboratory diagnostics and specific functional examinations
  - 1 month

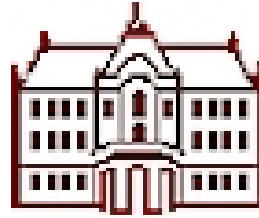


# Postgraduate study

## Specialisation training of occupational medicine

Detail program for the first three years:

- Occupational health and safety
  - 1 month
- Preventive activities for health protection of the participants in traffic
  - 2 months
- Preventive activities for health protection of sportsmen
  - 2 months



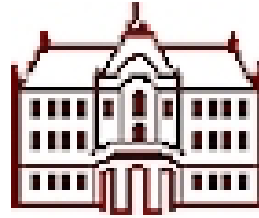
# Postgraduate study

## Specialisation training of occupational medicine

Detail program for the first three years:

- Health promotion at work
  - 1 month
- Ecology of working and living environment
  - 2 months
- Ergonomy
  - 2 months



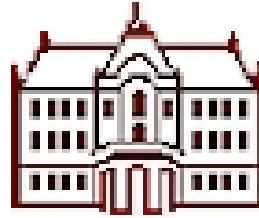


# Postgraduate study

## Specialisation training of occupational medicine

Detail program for the first three years:

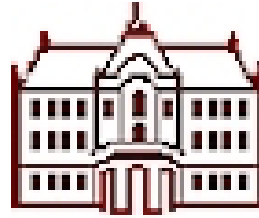
- Occupational, traffic and sport psychology
  - 2 months
- Other areas related to occupational, traffic and sport medicine
  - 1 month



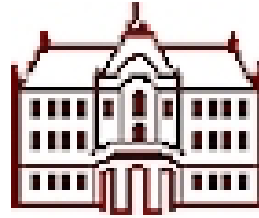
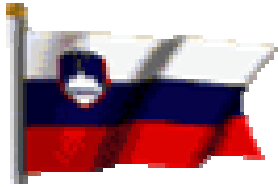
**The Medical Chamber of Slovenia**

## **Licence prolongation:**

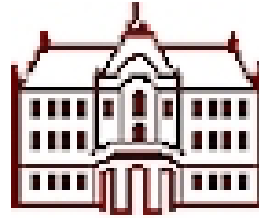
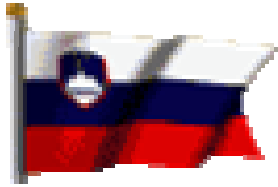
- membership is obligate**
- each 7 years**
- condition- participating in continuing education**



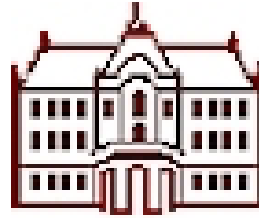
**In Slovenia the activities in the area of occupational health are performed by the verified units of occupational, traffic and sport medicine on the primary, secondary and tertiary level.**



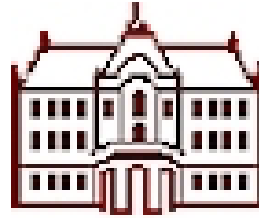
**On the primary and secondary level occupational medicine is carried out as a public health care service conducted by public health care institutions and private medical practitioners with certificates.**



- **occupational medicine services (practising preventive and curative health protection on primary level)**
- **dispensaries of occupational, traffic and sport medicine (practising mainly preventive activities and are located in all regions - about 60)**
- **Institute of occupational, traffic and sport medicine (practising above all preventive activities on primary, secondary and tertiary level)**



**Within the framework of occupational, traffic and sport medicine operates also the Professional Board as the expert body of the Ministry of health. It consists of qualified experts in the field of occupational, traffic and sport medicine, who in collaboration with medical council establish the professional doctrine, promote technical surveillance and participate in its implementation as well.**

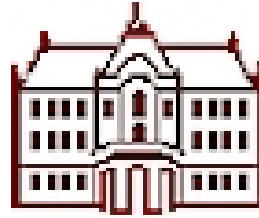


**Occupational medicine specialists are associated in the Association of Specialists of Occupation Medicine within the Slovene Medical Society.**



**Združenje medicine dela,  
prometa in športa**

**Association of Specialists of  
Occupational Medicine**



**The End**