

University of Ljubljana
Faculty of Health Sciences



**Oddelek za radiološko tehnologijo Medical imaging and radiotherapy
department**

Naslov:

Univerza v Ljubljani
Zdravstvena fakulteta
Zdravstvena pot 5
1000 Ljubljana
Slovenija

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Faculty of Health Sciences
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Student accommodation

1. Student Dormitories

Erasmus students can apply for a bed in student dormitories. They are given to students on “**first come first serve**” basis. The rooms in the dormitories are double, with bathroom and shared kitchen. The access to internet is available in all dormitories.

Application and deadline: erasmus.uni-lj.si

- 1st semester and full year students: **15th May**
- **2nd semester students: asap – deadline 15th November**

2. Private accommodation

The Student Organization of the University of Ljubljana and your buddy (tutor) will **help you in find** private accommodation **after** your arrival to Ljubljana.

After you arrive, you should visit with your buddy the International Office of the Student Organization. They will provide you with some addresses which you will visit and decide about taking the room or not. All available accommodation is located within the public transportation zone. You may check in advance the following web pages:

www.lifeinljubljana.si
www.realestate-slovenia.info
www.housinganywhere.com

Travel information

Ljubljana's airport is 20 km north of Ljubljana and there are shuttles to the city centre available every hour (8-9 €). Slovenian airline is called Adria airways <http://www.adria.si/en/index.cp2> - it flies to most European cities. Easy Jet flies from Ljubljana - London Stanstead. Nearby airports are Venice, Trieste, Bologna. From them, transport to Ljubljana is easy. There are a lot of different shuttle transports, train....

GO OPTI - <http://www.goopti.com/en/routes>

MARKUN - <http://www.prevozi-markun.com/#!/home/c2265>

Administration

Help regarding all necessary administration will be offered to all students upon arrival. Students need to bring one photo for documents, copy of ID or passport.

Writing home, e-mail, mobile SIM card

Internet access is available from the College (free) and students' dormitories (approximately 2 EUR per month). Slovenian mobile SIM card for exchange students is available for 1 Euro – with Slovenian Student identity card.

Uniforms

Students **must** have a uniform (trousers/skirt + tunic) and shoes (for indoor use only). You will have to launder yourself.

Personal name badge is obliged in the hospitals.

Winter clothes

Temperatures can vary from -10 to 15°C in winter time. We recommend you warm clothes and boots.

Meals

All students with student card are entitled to subsidised meals in most restaurants around Ljubljana.

Each student can use as many subsidies as there are working days in a month (app.20 per month).

In order to be able to use these subsidies, you need to have a student card or your enrolment certificate, your ID/passport and your mobile phone (with Slovenian sim card).

Cost of living

This information on the cost of living in Slovenia should only be used as a guide (prices are per month).

ACCOMODATION	400€ (private accomodation/small apartment) 80€ - 200€ (dormitory)
STUDY MATERIAL	mostly photocopies (0,05€/copy)
FOOD	subsidized meals: average 4€/meal

CITY	20€ /month (Urbana bus card, biciklj); up to 50 € for a
TRANSPORTATION	second hand bicycle
TOTAL	App. from 250 - 500€ per month

Hospitals

Clinical placements are offered in two Ljubljana's hospitals;

1. University medical centre Ljubljana is a public health care institution providing medical services at the secondary and tertiary level with 7500 employees and 2,390 patient beds. Radiology departments are in the main building, in neurology, trauma, paediatrics and in three smaller departments. There is also a nuclear medicine department with SPECT/CT and PET/CT.
2. Institute of Oncology with Oncology centre with 840 employees. There is a diagnostic ward, radiotherapy department and nuclear medicine department with PET/CT.

Clinical placements can be granted in diagnostic, radiotherapy or veterinary field. Please let us know well in advance where you would like to rotate, in order to allow us enough time to organize the placements.

Radiation monitoring

Personal TLD`s will be provided by the faculty.

Insurance

Health insurance is free for all EU citizens with a European health insurance card. This should be arranged **prior** to your arrival to Slovenia.

Medical examination

There is no need for extra medical examination but please bring a card with a record which proves evidence of immunity to: hepatitis B, BCG, rubella (for ladies).

More information can be found on the following sites:

University of Ljubljana

Kongresni trg 12
SI-1000 Ljubljana
International Relations Office
Telephone: +386 1 24 18 592
Fax: +386 1 24 18 593
e-mail: intern.office@uni-lj.si
Web: www.uni-lj.si/en/

Student Organization (ŠOU)

International Office
Kersnikova 4
SI-1000 Ljubljana
Telephone: +386 1 43 17 010
Fax: +386 1 23 19 448
e-mail: student.exchange@uni-lj.si
Web: www.sou-lj.si/novo/index.php?option=com_content&task=view&id=16&Itemid=39

More information also on <http://www.esn-ljubljana.org/> and http://www.esn-ljubljana.org/pdf/ESN_FAQ.pdf

Information about Slovenia in English <http://www.slovenia.info/?lng=2>, and facts / statistics <http://www.stat.si/eng/index.asp> and [Slovenia in figures](#)

Information about Ljubljana in English <http://www.visitljubljana.si/en/> and <http://www.ljubljana.si/en/municipality/>

**We wish you a pleasant stay in Ljubljana, Slovenia.
Dobrodošli/Welcome!**

ERASMUS EXCHANGE MODUL

Lectures for all Erasmus students will be provided in English language. Erasmus exchange module is composed of academic component, language course and clinical practice.

ACADEMIC	
Computed tomography	3 ECTS
Fundamentals of Digital Imaging in Radiology	3 ECTS

CLINICAL PRACTICE	
Total credits	11 ECTS

Linguistic and cultural diversity awareness in healthcare	
Total credits	3 ECTS / three week intensive language course

ACADEMIC COMPONENT - 6 ECTS

Lectures will be given in two topics, one will be computed tomography and the other is about the fundamentals of digital imaging in radiology.

1 PREVENTING MUSCULOSKELETAL PROBLEMS AMONG HEALTH PROFESSIONALS – 3 ECTS

A subject is composed of theoretical and practical part.

Content of the lectures:

- Overview of most common injuries of health professionals
- Risk factors for developing musculoskeletal injuries of health professionals
- European guidelines for lifting and carrying heavy objects
- Guidelines for safety when lifting and transferring patients
- Biomechanics of lifting
- Body mechanics during lifting

Use of specific devices for lifting and transfer of patients

1.1 OBJECTIVES AND COMPETENCES

Upon completion of this course, the students:

- will have knowledge about the guidelines for lifting and carrying heavy objects
- will master the biomechanics of lifting
- will be able to correctly use techniques of lifting and transferring patients
- will be aware of the prevention strategies of overloading and strains of the musculoskeletal system

will be able to use the devices for lifting and transferring patients.

1.2 ASSESSMENT

Project assignment

2 FUNDAMENTALS OF DIGITAL IMAGING IN RADIOLOGY – 3 ECTS

A subject is composed of theoretical and practical part.

Content of the lectures:

1. Digital Images
2. The Spatial and Frequency Domains of digital images: Fourier Transform
3. (Digital) Image Quality
4. Image Enhancements
 - Contrast Adjustments
 - Image Filtering
 - Spatial Transformations

2.1 OBJECTIVES AND COMPETENCES

- to get basic knowledge of medical digital image processing and analysis,
- to understand the mathematical aspects of medical images construction, image enhancement, image frequency-domain processing, and quality assessment,
- to perform actual practice of image processing.

2.2 ASSESSMENT

Oral exam

2.3 INTENDED LEARNING OUTCOMES

- understanding the mathematical aspects of medical images construction and processing,
- the abilities to apply digital imaging processing methods to correctly enhance, interpret and analyze medical images,
- basic skills for medical image processing in CAD systems.

2.4 REFERENCES:

Roger Bourne, Fundamentals of Digital Imaging in Medicine, Springer, 2010.

Geoff Dougherty, Digital Image Processing for Medical Applications, Cambridge University Press, 2009

Welcome to the forum for Erasmus Ljubljana <http://erasmusu.com/en/erasmus-ljubljana/erasmus-forum/erasmus-ljubljana-2016-2017-english-54451>

This is the place where Erasmus students, or any exchange students, that are headed for Ljubljana in 2016 / 2017 can introduce themselves and get to know one another before they arrive. Introduce yourself to the forum and ask any questions you may have about the city, the University, where to stay, where to eat, the prices and cost of living in Ljubljana, places for Erasmus parties or any other question you may have. Here you can also find:

- The [accommodation in Ljubljana](#)
- Other [students that are looking for accommodation](#)
- [Students jobs](#) in Ljubljana
- The [general forum for Ljubljana](#)
- The [blog Erasmus Ljubljana](#)
- [What to see in Ljubljana, Erasmus party, where to eat](#)
- [Erasmus experiences in Ljubljana](#)
- People who [have been](#), [are](#) and [will be](#) in Ljubljana
- A [photo gallery of Ljubljana](#)
- The [map and weather in Ljubljana](#)
- The [universities in Ljubljana](#)

Warning! If you want to advertise an accommodation or your are looking for one... the forum is not the place for doing that. In order to advertise your accommodation in Ljubljana or in order to find roommates don't use this forum, go to [the accommodation section of Ljubljana](#).

Livin' la vida Erasmus!