

# UNIVERSITY OF LJUBLJANA

FIELDS OF STUDY AND RESEARCH



Univerza v Ljubljani



*Resolutely on the chosen paths*

# Content

## University of Ljubljana members (academies and faculties):

1. University of Ljubljana ACADEMY OF FINE ARTS AND DESIGN	6
2. University of Ljubljana ACADEMY OF MUSIC	8
3. University of Ljubljana ACADEMY OF THEATRE, RADIO, FILM AND TELEVISION	10
4. University of Ljubljana BIOTECHNICAL FACULTY	12
5. University of Ljubljana FACULTY OF ADMINISTRATION	14
6. University of Ljubljana FACULTY OF ARCHITECTURE	16
7. University of Ljubljana FACULTY OF ARTS	18
8. University of Ljubljana FACULTY OF CHEMISTRY AND CHEMICAL TECHNOLOGY	20
9. University of Ljubljana FACULTY OF CIVIL AND GEODETIC ENGINEERING	22
10. University of Ljubljana FACULTY OF COMPUTER AND INFORMATION SCIENCE	24
11. University of Ljubljana FACULTY OF ECONOMICS	26
12. University of Ljubljana FACULTY OF EDUCATION	28
13. University of Ljubljana FACULTY OF ELECTRICAL ENGINEERING	30

14. University of Ljubljana FACULTY OF HEALTH SCIENCES	32
15. University of Ljubljana FACULTY OF LAW	34
16. University of Ljubljana FACULTY OF MARITIME STUDIES AND TRANSPORT	36
17. University of Ljubljana FACULTY OF MATHEMATICS AND PHYSICS	38
18. University of Ljubljana FACULTY OF MECHANICAL ENGINEERING	40
19. University of Ljubljana FACULTY OF MEDICINE	42
20. University of Ljubljana FACULTY OF NATURAL SCIENCES AND ENGINEERING	44
21. University of Ljubljana FACULTY OF PHARMACY	46
22. University of Ljubljana FACULTY OF SOCIAL SCIENCES	48
23. University of Ljubljana FACULTY OF SOCIAL WORK	50
24. University of Ljubljana FACULTY OF SPORT	52
25. University of Ljubljana FACULTY OF THEOLOGY	54
26. University of Ljubljana VETERINARY FACULTY	56
Map of University of Ljubljana members (academies and faculties)	58



*Zika virus under a scanning electron microscope*

*Slovenian scientists from the University of Ljubljana are the first to prove the link between the Zika virus and foetal brain damage.*

*Authors: Marko Kolenc, Mateja Poljšak-Prijatelj, Katarina Resman Rus, Miša Korva, Miroslav Petrovec and Tatjana Avšič Županc from the Faculty of Medicine, University of Ljubljana*

# University of Ljubljana

With 23 faculties, three art academies and established in the year 1919, the University of Ljubljana is the oldest higher education and scientific research institution in Slovenia. Each year over 40,000 students upgrade and develop their knowledge and skills at the country's largest educational institution, famous for top-quality achievements in social science, natural science, humanities, medicine, technology and engineering, as well as for artistic achievements by the three academies. Furthermore, the University has been most successful in research and is therefore the central and largest research institution in Slovenia, with 30% of all registered researchers. It promotes interdisciplinary and multidisciplinary studies and exchanges its achievements in science and art with other universities and scientific research institutions. A particular concern of the University of Ljubljana is the transfer of knowledge to the economy, which is why it cooperates closely with Slovenian and foreign companies. Its partners include multinational corporations and top Slovenian firms.

## *Facts and figures:*

- A comprehensive, traditional, research-oriented University
- 26 full Members: 3 academies and 23 faculties
- 3 associated Members: National University Library, University of Ljubljana Central Technical Library, University of Ljubljana Innovation-Development Institute
- More than 40,000 students
- Among the top Erasmus exchange destinations
- Cross-border, inter-regional, transnational cooperation
- Developing market activity
- Actively involved in a variety of humanitarian campaigns
- The University of Ljubljana Global Network was founded in 2014 and primarily includes foreign scientists, professors and other prominent persons from academic and research and development fields who are connected with Slovenia.

# 1. University of Ljubljana ACADEMY OF FINE ARTS AND DESIGN

## *Education*

The Academy of Fine Arts and Design (ALUO) takes pride in its tradition. It was established on 27 October 1945 as the Academy of Fine Arts, providing courses in painting and sculpture. Throughout the years, the Academy has changed its name and expanded its activities in line with its development. In 1984, the studies expanded with the incorporation of industrial design and visual communications design, and a good ten years later it also introduced conservation/restoration. Students can choose among several programmes: Painting (Painting, Graphic arts, Video and new media), Sculpture, Conservation and restoration of works of art (Conservation/restoration of paintings and polychrome plastic material, Conservation/restoration of wall paintings and stone sculptures), Industrial and applied arts (Industrial design, Applied arts), and Visual communications design (Photography, Graphic design, Illustration).

## *Research and artistic activities*

At the Academy of Fine Arts and Design students gain valuable experiences by participating in various projects and teams, organised together with national and private Slovenian galleries, museums, the Restoration Centre of the Institute for the Protection of Cultural Heritage of Slovenia, industrial and design bureaus and several industries. Through the studies, which favour an individual approach, the Academy strives to combine different disciplines in socially responsible processes to maintain the excellence of its educational, artistic, research and development activities. The Academy of Fine Arts and Design provides a dynamic study environment, allowing close cooperation between students, lecturers and other artists and experts.

## *Development - cooperation with the private and public sector*

The studies are carried out in small groups, where the student develops creativity and innovation through an individual approach involving consultations, corrections, discussions and seminars, emphasising the importance and the role of the disciplines in a broader social context in order to cultivate individual responsibility. The Academy cooperates with Slovenian and foreign partners through student exchanges and the inclusion of domestic and international students in its projects, exhibitions, competitions, conferences, etc.



*In 2016, the exhibition ALUO LXX. Past, Present, Future at the Jakopič Gallery in Ljubljana was dedicated to the anniversary of the Academy of Fine Arts and Design. The exhibition was designed as a hybrid spatial installation of the past, present and future, combining the traditional gallery setting with spatial installations and sites intended for live performances of creative/educational activities. In its three months the exhibition ALUO LXX has hosted more than 20 events, round tables, lectures and workshops and received more than 6,000 visitors.*

*Photo: Miha Benedičič*



*The Academy of Fine Arts and Design regularly arranges, with all of its departments, extra curriculum activities in relevant areas that are part of the modern concept of fine arts and design. While these events are primarily meant for the Academy's students, the general public is also welcome to attend. Three years ago all lectures, discussions, round tables and workshops that focus on various fields of work, mostly through the usage of speech and sound, were consolidated under a common name –*

*ALUO uho (Eng. ALUO Ear). In the academic year 2016/2017, the faculty successfully held the third edition of ALUO uho events, lectures of visiting experts from similar institutions and from the private sector, all of which were dedicated to the students and the general public. This season the events were organised in cooperation with the NLB Innovative Entrepreneurship Centre.*

*Photo: Sara Vatovec*

## 2. University of Ljubljana ACADEMY OF MUSIC

### *Education*

The Academy of Music offers two bachelor's degree programmes: Musical arts, with its 26 principal study options, and Music education, and four master's degree programmes: Instrumental and vocal education (22 principal studies), Musical arts (26 principal studies available), Music education and Music theory education (3 principal studies). The available principal studies are as follows: Accordion, Bassoon, Cello, Choral conducting, Clarinet, Composition and music theory, Double Bass, Flute, Guitar, Harp, Harpsichord, Horn, Oboe, Orchestral conducting, Organ, Percussion, Piano, Recorder, Sacred music, Saxophone, Trombone, Trumpet, Tuba, Violoncello, Viola, Violin and Voice.

### *Research and artistic activities*

The Academy's research group joins scientists and researchers who deal with research questions in the fields of subject-related teaching methods, musicology, music theory, composition and the performance of music. Its aim is to create new knowledge and produce new works of art, which can be directly translated into classroom practice, enrich the music and cultural life of the general population on the national scale or be used to represent the country's research activity abroad.

### *Development and artistic activities - cooperation with the private and public sector*

#### Performance activity

The chief aim of the various courses (the principal course, chamber music, orchestras, choirs, etc.) is the public presentation of students' work. The Academy of Music alone organizes four concert series (Subscription, Chamber music, Soloist and Contemporary music concert series) and a number of other concerts and opera projects, altogether more than 100 public events a year.





*The main concert of the Academy of Music Symphony Orchestra represents the peak of the Academy's concert season. The 2017 edition featured performances by the Symphony Orchestra, the mixed choir of the Academy of Music, the chamber choir of the Conservatory of Music and Ballet Ljubljana and the student vocal soloists of the Academy of Music. They performed the works of Andraž Lasič, Ludwig van Beethoven and Johannes Brahms. The most impressive performance was the Choral fantasy for piano, vocal soloists, chorus and orchestra, op. 80, which was performed by more than 200 musicians.*

*Photo: Miran Slobodjanac*

### 3. University of Ljubljana ACADEMY OF THEATRE, RADIO, FILM AND TELEVISION

#### *Education*

The Academy of Theatre, Radio, Film and Television was founded in 1945. Since 1975, it has been one of the 26 members of the University of Ljubljana. The teaching process at the Academy combines artistic and research activities and is strongly based on individual tutoring. Degree programmes are designed in line with an artistic, creative and practical foundation. Their objective is to train students for provisions and implementation of various art projects in their respective fields. The practical aspects of art training are complemented by research and theoretical modules involving a large degree of facultative choices. Under the thorough guidance of highly qualified university lecturers, Academy aim to enhance the study process by inviting prominent artists and professionals from the fields of theatre, film and television to share their expertise and practical experience. The teaching process at the Academy honours tradition but aims to include research and innovative approaches as well.

#### *Research and artistic activities*

The Academy of Theatre, Radio, Film and Television's mission consists of implementing bachelor, master and doctoral degree programmes to train students for professions in the fields of theatre, radio, film and television, implementing creative activities in theatre, radio, film and television intrinsic to education in art professions and performing research activities in the scientific fields of theatre and film studies.

#### *Development and artistic activities - cooperation with the private and public sector*

Each year, students present their practical work in numerous theatre productions, short films and television dramas. The productions are open to the general public while the films directed by our students are regularly broadcast on national television.



*Theatre production of the Molieremobil*  
*Photo: Željko Stevanić, IFR, Ljubljana*



*Filming of the student short film "Slastni gnus" (Delicious disgust)*  
*Photo: Klemen Kraševc*

# 4. University of Ljubljana

## BIOTECHNICAL FACULTY

### *Education*

Studies in the Biotechnical Faculty are organized on all three levels, bachelor's, master's and doctoral, and include the respective fields: agronomy, biology, biotechnology, microbiology, forestry, wood science and technology, landscape architecture, animal breeding, economics of natural resources, food technology and nutrition. In the studies special emphasis is given to the practical work in laboratories and in the field. Studies at the Biotechnical Faculty are related to basic disciplines, such as biology, and are in tight correlation with the agri-food and forest-wood value chains and with natural resource management.

### *Research*

The research activity of the Biotechnical Faculty covers a wide range of biotechnological sciences (life sciences). Researchers are engaged in both fundamental and applied research, and in this form they intensely cooperate on praxis. In addition to the biological sciences, their work is largely characterized by agri-food and forest-wood value chains and by both natural resource management and landscape architecture. From the national perspective, food safety is based on research work related to agronomy, animal breeding and food technology. In this recent period special emphasis is being placed on wood, which is one of the most important natural resources in Slovenia. Different modification technologies can be applied to wood, hence it can be used in many applications where wood was not used in the past.

### *Development - cooperation with the private and public sector*

The Biotechnical Faculty has a strong connection to knowledge users, such as those coming from the governmental sector and industry. In this recent period, the Biotechnical Faculty plays an important role in the activities running in the frame of the Smart specialization strategy of Slovenia. There are already four projects running in the frame of this domain. The Faculty is additionally included in the preparation of the key strategic documents (Action plans) for the following domains: Sustainable food production, Networks for the transition to a circular economy and Smart buildings and home, including the wood chain.



*Model construction for the evaluation of the outdoor life expectancy of wood. On the model construction there are numerous sensors (approximately 300) which register the microclimate conditions of different types of wood. This research was the basis for the development of a passive wooden window and of a wood protection wax in cooperation with the companies M Sora and Silvaprodukt.*

*Photo: Biotechnical Faculty archive*



*The new extension of the Biotechnical Faculty with state of the art laboratories to allow top quality research. The extension was built using the newest technology and materials developed in cooperation with the Biotechnical Faculty.*

*Photo: Biotechnical Faculty archive*

# 5. University of Ljubljana

## FACULTY OF ADMINISTRATION

### *Education*

The Faculty of Administration holds the longest tradition for education in the field of administration in Slovenia. The Faculty provides its students with knowledge and practical experience to ensure they can compete on the job market. In the field of public administration educational programmes, the Faculty of Administration is the only Slovenian faculty awarded by the most prestigious European Association for Public Administration Accreditation (EAPAA) for bachelor's and master's degree programmes. The bachelor's degree programmes are modern, targeted programmes, providing interdisciplinary knowledge from the fields of administration, organisation, law, economics, management and information science. Students can develop and deepen their knowledge and skills in the master's and doctoral degree programmes.

### *Research*

Research activity at the Faculty of Administration has a rich tradition and represents an important part in reaching the Faculty's goals. Within the Research Institute of the Faculty of Administration, the researchers and professional workers function as a highly interdisciplinary team in three fields of administrative science: economics, administrative-legal, and informational-organizational fields. They develop modern system solutions in public administration included in pedagogical and counselling activities. They also work closely with foreign researchers and post-graduate students within research projects and programmes. Results of their work are presented in monthly research forums of the Faculty of Administration as well as at domestic and foreign

international conferences. Researchers within the Research Institute of the Faculty of Administration focus on the study of phenomena, processes and practices in the field of public sector economics and finance, administrative and legal matters, informatization of the public sector and e-government and HRM in the public sector.

### *Development - cooperation with the private and public sector*

The importance of connecting higher education institutions with external stakeholders is crucial for successful development and progress of society, and therefore the Faculty of Administration establishes close contacts with external stakeholders both from public and private sectors. The created networks emanating from within these connections enable knowledge transfer in both directions and build close links between profession and science, hands-on experience and the academic sphere. With the benefit of a such cooperation, the Faculty of Administration can adapt its degree programmes according to the needs arising from the real environment and thus better prepare its students for the labour market. At the same time, researchers at the Faculty of Administration are able to connect with and perceive the real problems of organizations and their employees and serve as potential for their own research and projects. This knowledge transfer helps to ensure and create the knowledge and findings that organizations may use in the course of their business, training and counselling, as well as for graduates who are ready to confront real challenges.





*The Faculty of Administration provides students with knowledge and practical experience for entering on the job market.*

*Photo: Matevž Paternoster*



*University of Ljubljana Faculty of Administration*

*Photo: Faculty of Administration archive*

# 6. University of Ljubljana

## FACULTY OF ARCHITECTURE

### *Education*

The Faculty of Architecture in Ljubljana is generally considered one of the best Central European schools of architecture. Confirmation of its quality comes from numerous successful students and graduates, often achieving enviable results domestically and abroad. Graduates are known for their general and professionally profiled knowledge and systematic project approach enabling successful employment in various fields of artistic and architectural endeavours. The Faculty of the Architecture provides a single-cycle master's degree programme in Architecture, bachelor's and master's degree programmes in Urbanism and a doctoral programme in Architecture.

### *Research*

The Faculty of Architecture is engaged in researching architecture, urban planning, interior design, digital design, architectural technology, etc. From basic to applied and development research it focuses through optics of sustainable development on professional education, research training at the doctoral level and on lifelong learning in the field of architecture. As such, it is engaged in the whole range of research between the theoretical and practical poles, at both extremes and pointedly in the search for a dynamic balance between the two.





*Photo: Žiga Koritnik*



*Photo: Žiga Koritnik*

# 7. University of Ljubljana

## FACULTY OF ARTS

### *Education*

The Faculty of Arts is the most important national university institution for education and research in humanities and social sciences. It educates students and creates superior intellectuals with open and critical thinking in the field of humanities and social sciences and in teacher education in this field. It gives particular attention to strengthening the disciplines of national importance, shaping the Slovenian identity. It involves scientific knowledge in the study process such that it builds on the traditions towards a new quality, essential for Slovenian self-awareness and the creative presence of the Faculty in the international arena.

### *Research*

The Scientific Research Institute of the Faculty of Arts (ZIFF) is an organisational unit that organises and coordinates scientific research work at the Faculty. The Institute brings together over 450 researchers and annually conducts around 100 national and international projects. The Institute's research is recognizable in the Slovenian and international arenas and represents fundamental and applied research in the humanistic scientific fields. The Scientific Publishing House of the Faculty of Art publishes the latest research achievements in the humanities and social sciences. With approximately 70 new titles per year, this publishing house ranks among the largest scientific publishers in the field of humanities and social sciences.

### *Development - cooperation with the private and public sector*

In addition to the basic activities, the Faculty of Arts successfully provides training courses, counselling and professional services on the market in cooperation with partners from the wider economy. The most important activities in this respect are language courses (16 languages), programmes of pedagogical training, professional seminars and services in cultural heritage protection. Since 2014, the Faculty of Arts has gained 14 projects from the public Fund "Po kreativni poti do praktičnega znanja" (On the Creative Path to Practical Knowledge) which are funded by the European Social Fund and the Ministry of Education, Science and Sport. The projects are coordinated by The Centre for Pedagogical Education at the Faculty of Arts. Education is closely connected to numerous networks of student and staff mobility with more than 360 European universities. The Faculty provides for a network of lectureships and studies of Slovenian language as a second or a foreign language at 56 universities worldwide.



*The Philharmonic Orchestra of Faculty of Arts at the Liber.ac Academic Book Fair.  
Photo: Matjaž Rebolj*



*In the year 2017, Dr. Marta Verginella, Full Professor (Department of History) was successful in her application to the call ERC Advanced Grant 2016. The selected project will run for five years and is called “EIRENE – Post-war transitions in gendered perspective: the case of the North Eastern Adriatic Region”.*

*Photo: Matjaž Rebolj*

# 8. University of Ljubljana

## FACULTY OF CHEMISTRY AND CHEMICAL TECHNOLOGY

### *Education*

The degree programmes that are offered at the Faculty of Chemistry and Chemical Technology cover all important aspects of the chemical sciences, while technical safety even exceeds the strict limits of chemistry. The degree programmes offer the following fundamental content: chemistry is one of the central natural sciences that studies matter, its composition, structure, properties and material changes. In addition to electrical engineering, information science, mechanical engineering and construction, chemical engineering is a fundamental technical discipline that enables the rational implementation of chemical or biochemical processes in the production of useful substances. Biochemistry represents a link between chemistry and biology: it explains life processes at the molecular level and researches the structure and activity of biological molecules. Technical safety is becoming one of the basic elements of quality and reliability in production processes.

### *Research*

Research occupies an important place in the activities of the Faculty of Chemistry and Chemical Technology. Basic research means keeping abreast of developments in science and technology, while applied research and development fosters contacts with industry. Scientific and research work at the Faculty of Chemistry and Chemical Technology

is linked to postgraduate education, since this is the only way to ensure internationally competitive studies. The research work carried out also caters to the needs of industry. Importance is also given to the interdisciplinary research, which is carried out between various faculties of Slovenian universities and other research institutions in Slovenia, as well as to international links within joint projects and collaboration with foreign universities and research laboratories.

### *Development - cooperation with the private and public sector*

The Faculty of Chemistry and Chemical Technology creates the conditions necessary to carry out integral interdisciplinary research in basic knowledge development and for collaborating with the chemical and pharmaceutical industry in Slovenia and beyond in solving applied problems. A single location brings together expertise from a variety of fields of chemistry, biochemistry and chemical engineering, which gives the Faculty of Chemistry and Chemical Technology a competitive advantage over other providers by creating a highly professional group with a critical mass of knowledge that facilitates rapid solutions to a range of problems in the chemical and pharmaceutical industries.



*The Faculty's new premises include 154 research laboratories*

*Photo: Andrej Križ*



*Applied research and development fosters contacts with industry.*

*Photo: Andrej Križ*

# 9. University of Ljubljana

## FACULTY OF CIVIL AND GEODETIC ENGINEERING

### *Education*

The Faculty of Civil and Geodetic Engineering educates professionals on all three degree levels with the aim to provide functionality of the built environment and optimum development of relations between society, the built environment and nature. The degree programmes from the areas of civil engineering, water science and environmental engineering, geodesy and geoinformation, spatial planning and buildings are an excellent guarantee to the new generations of students to spend one's career engaged in interesting and inspiring projects in cooperation with stakeholders. With the recent economic revitalisation, especially in the construction sector, the demand for these occupations is considerably increasing, which offers good chances of employment, whether in Slovenia or abroad.

### *Research*

Faculty of Civil and Geodetic Engineering carries out basic and applied research with an emphasis on ensuring optimal functionality and the sustainable development of the built environment. Researchers participate in seven research programmes, about 15 different national projects and more than 20 different European projects. Special attention is paid to the transfer of knowledge from the latest research into the curricula, which ensures the long-term excellence of the degree programmes. The Faculty's vision of future research is to increase international cooperation within different research projects, mainly within the EU Framework Programme for Research and Innovation, Horizon 2020.

### *Development - cooperation with the private and public sector*

The Faculty of Civil and Geodetic Engineering promotes cooperation with both the private and public sectors, which is why it is involved in many development projects on the national and international levels. In cooperation with the private sector the Faculty tries to solve the most important problems from the field of the built environment. The research work at the Faculty of Civil and Geodetic Engineering is involved in various experimental investigations and in the design, building and maintenance of the built environment. The Faculty cooperates with small and large companies and with the public sector, thus creating new services and products. In this way it contributes to increasing the added value of the industry and to strengthening the functionality of the built environment. The Faculty cooperates in the implementation of all major national infrastructure projects while the aim of its development work is also to improve the national and international regulations and standards related to the built environment.





*Construction of a covered pit, Rebernice*

*Photo: DARS archive*



*Cyclic test of a construction in the laboratory*

*Photo: Vlatko Bosiljkov*

# 10. University of Ljubljana

## FACULTY OF COMPUTER AND INFORMATION SCIENCE

### *Education*

The principal activity of the Faculty of Computer and Information Science (FRI) is the education of computer science professionals of various profiles, ones who generate new knowledge and seek solutions to present-day problems. The main degree programmes are devoted to computer science and information technology, but as part of interdisciplinary cooperation with other faculties, the Faculty also offers joint degree programmes in the fields of computer science and mathematics, administrative IT, multimedia, and interdisciplinary fields of cognitive science and biosciences. Through a diversity of programmes, students are offered the fundamental and practical knowledge required for working in the profession, while the optional dimensions in the programmes ensure that graduates are broadly educated and highly qualified professionals.

### *Research*

Research, development, consulting and training at the Faculty focus on machine learning and perception, artificial intelligence, multimedia, computer systems, networks, software engineering, informatics, theoretical computer science, mathematical methods, and computational biology. Nineteen laboratories work on international and national research projects, and the Faculty develops commercial solutions with partners from industry. In collaboration with 180 international partners, researchers at the Faculty have completed 222 projects in the last five years. Cur-

rently, the Faculty is involved in 68 projects: 6 EU, 11 other international research projects, 22 with industry and 29 nationally funded projects. Researchers at the Faculty organize the VOT (Visual Object Tracking) challenge, which attracts hundreds of researches worldwide, and our students successfully participate in international data mining and other competitions.

### *Development - cooperation with the private and public sector*

Applying its knowledge and competences, the Faculty aims to achieve a close link with the Slovenian business environment and contribute to the rapid development of the economy and the effective digitalisation of Slovenia. The Faculty cooperates with enterprises in commissioned joint projects, providing strengthening of the industry's innovative abilities while solving research and development challenges with students and academic staff and transferring the knowledge into practice. The establishment of an innovation centre at the Faculty – FRI Academy – provides education, training and practical workshops customised to the needs of enterprises. FRI Garage is a student-oriented technological incubator intended for teams that wish to enter the market independently. Collaboration with industry is further enhanced through competitions, challenges, hackathons, our makerspace Frizider, and summer schools for students, organized and supported by industry partners, as well as joint supervision of students' final theses on all degree levels.





*Training an autonomous robotic arm in the Artificial Intelligence Laboratory*

*Photo: Željko Stevanić, IFP, Ljubljana*



*Hands-on work in the computer laboratory*

*Photo: Željko Stevanić, IFP, Ljubljana*

# 11. University of Ljubljana

## FACULTY OF ECONOMICS

### *Education*

The Faculty of Economics is Slovenia's leading education institution in the fields of economics and business sciences. It provides internationally recognised and comparable degree programmes on all degree levels and in double-degree programmes. It is the only faculty in the wider region to be awarded with the EQUIS, AACSB and AMBA international accreditations, thereby seeing among the elite group of triple-crowned schools. This achievement ranks it among the top 1% of business and economics schools in the world. The Faculty of Economics imparts knowledge in economics and business sciences to over 5,300 students annually. It offers two bachelor's degree programmes, 17 master's degree programmes, one doctoral programme in economics and business and double-degree programmes. It also runs the MBA programme, which has been awarded the highly regarded international accreditation by AMBA (Association of MBAs). This programme offers senior management staff with many years of experience the opportunity to upgrade their practical economics and business knowledge.

### *Research*

The Faculty of Economics is an institution with a 70-year research tradition and over 150 highly qualified and experienced researchers in the fields of business sciences and economics. Its vision is to become the first-choice school in Central and Eastern Europe distinguished by research excellence and building on the values of integrity, co-operation, responsibility, knowledge and

academic freedom. The Faculty of Economics promotes interdisciplinarity and international research excellence in the areas of competitiveness, innovation and sustainability, leadership, business process and supply chain management, international operations and financial markets. Its research is underpinned by research funds, awards for best articles, research seminars, etc., while it enhances the quality of its degree programmes and caters to the needs of the business community.

### *Development - cooperation with the private and public sector*

Art Enthusiasts!

The Faculty of Economics' mission emphasizes innovative education. The Faculty strives to provide a cultural experience for its students, faculty, and visitors, which encourages openness and new ways of seeing and thinking in addition to providing a business and economics education. The Faculty of Economics Art Gallery is a space reserved for creativity and innovative and abstract thought. The idea of combining economics and art may at first be abstract, yet when we begin to think and see outside the box by recognizing the interplay between economics and the arts, we will expand our horizons and develop a new sense of self. We share this opportunity with our students, faculty, staff and visitors, and further encourage you to visit us and experience it for yourself. The next time you are at the Faculty of Economics, please take a moment of your time to enjoy our art exhibitions. We believe that you will leave our gallery teeming with energy and creativity.



*Faculty of Economics brochure collection of the degree programmes*

*Photo: Faculty of Economics archive*



*The Faculty of Economics Art Gallery*

*Photo: Faculty of Economics archive*

# 12. University of Ljubljana

## FACULTY OF EDUCATION

### *Education*

The Faculty of Education educates teachers and other professionals in the field of education. The Faculty of Education educates all kinds of professionals, i.e. preschool and primary teachers who can also learn how to teach English in the first years of the primary school, teachers who are specialists in teaching two subjects and fine art teachers. By providing the degree programmes of Social pedagogy, Special and rehabilitation pedagogy and Speech and language therapy, the Faculty educates specialists for inclusive education and the education of children and young people with special needs. The Faculty of Education regularly organises on-going and in-service teacher educational programmes for teachers who are already teaching.

### *Research*

Scientific research and artistic work performed by academics from the Faculty of Education takes place in the fields of educational sciences, natural sciences, social sciences, humanities and arts, both in national and international research projects. Researchers at the Faculty of Education conduct their research and artistic work within the Institute for research and artistic work and in several research groups and centres, i.e. the research groups for Science and Technology, Art, Early Learning, Educational Studies, Inclusion of Vulnerable Groups, the Center for Educational Policy Studies (CEPS), the Center for Discrete Mathematics (CDM), the Center for Research and Promotion of Giftedness (CRSN) and the Center for Quality Development in Education. For the promotion of artistic activities, the Faculty of Education Gallery is of special importance, where the artistic creativity of employees, students, and alumni is presented.

### *Development - cooperation with the private and public sector*

The Faculty of Education collaborates with educational institutions in a number of ways, e.g. in practical pedagogical training of students, continuous professional development for professionals in education, qualification programmes leading to new qualification and in organising scientific and professional conferences. Since 2014, the Faculty has organized the annual international conference Partnerships of Faculty of Education and educational institutions, the purpose of which is to connect the Faculty of Education with educational institutions in addressing various current issues in the field of education. Therefore, in the previous four conferences the following thematic issues were addressed: The quality and assessment of knowledge (2017), Reading literacy – the responsibility of all professionals in education (2016), the impact of social changes on education (2015), and The pedagogical challenges in theory and practice (2014).



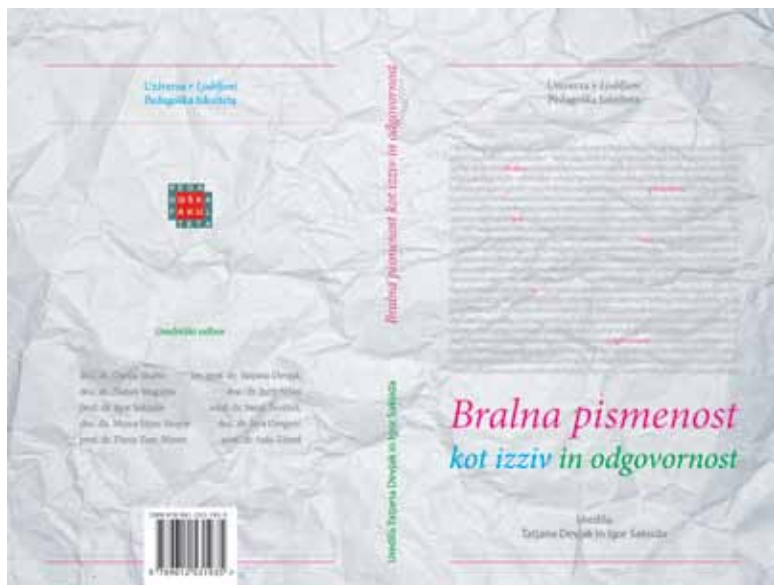
*The opening of Show the Youth exhibition in which the students and professors from the University of Nantong, China exhibited their works – the exhibition was held in the Gallery of the Faculty of Education as part of the Summer School for the students and academics of the Nantong University, which was arranged by Faculty of Education from 5–12 June 2017.*

*Photo: Jurij Selan, Črtomir Freljeh*



*The cover page of the scientific monograph in which the contributions presented at the conference on Partnership of the Faculty of Education and educational institutions in 2016 were published.*

*Photo: Jurij Selan*



# 13. University of Ljubljana

## FACULTY OF ELECTRICAL ENGINEERING

### *Education*

The Faculty of Electrical Engineering offers an academic degree programme in Electrical Engineering, a professional degree programme in Applied Electrical Engineering and an interdisciplinary degree programme in Multimedia; a master's degree programme in Electrical Engineering, an interdisciplinary master's degree programme in Multimedia and an interdisciplinary master's degree programme in Applied Statistics, a doctoral degree programme in Electrical Engineering and an interdisciplinary doctoral degree programmes in Biosciences (Nanosciences) and Statistics. In addition to these degree programmes, the Faculty of Electrical Engineering also provides further professional training and supplementary education. Special attention is devoted to the education of junior researchers who are introduced to research and teaching work.

### *Research*

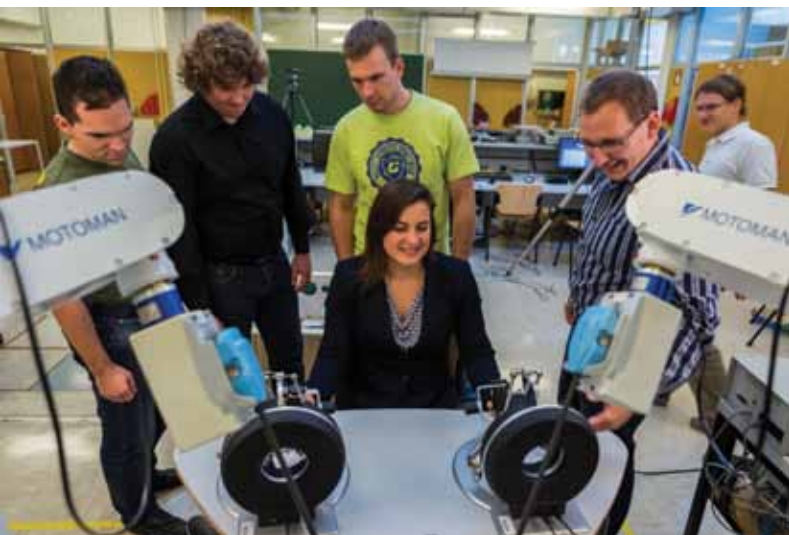
Research work at the Faculty of Electrical Engineering takes place within the laboratories and in programme and research groups. Nine faculty chairs oversee 33 research laboratories. The Faculty laboratories carry out numerous forms of research and development in cooperation with Slovenian industry: It trains young researchers from industry, participates in centres of excellence as well as competence centres, technology platforms and networks, carries out research and development projects, cooperates with international in-

dustry and is involved in projects of framework programmes and other European Community programmes. The Faculty of Electrical Engineering operates in the following scientific research fields: electrical energy and photovoltaics, electronics, microelectronics, optoelectronics, microsenorsics and nanostructures, mechatronics, embedded systems, intelligent systems, automation and robotics, metrology and quality assurance, biomedical engineering and informatics, information, communication and multimedia technologies.

### *Development - cooperation with the private and public sector*

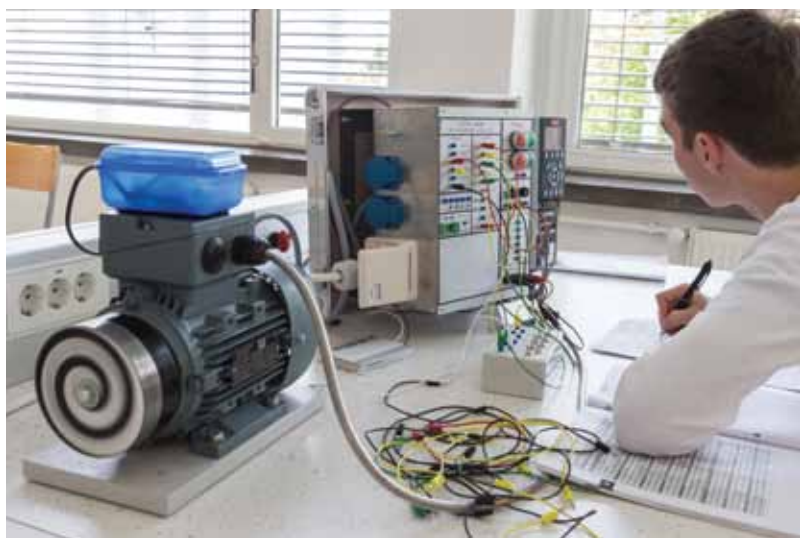
The Faculty of Electrical Engineering laboratories are developing various forms of research and development cooperation with Slovenian industry: education of young researchers from the business sector, participation in centres of excellence, centres of competence, technology platforms and networks and the implementation of research and development projects. Project-based cooperation is facilitated by public calls published by ministries and public agencies which encourage joint applications, partnerships on applied projects and the involvement of complementary partners, whether institutions of knowledge or businesses, in particular: co-funding and partnership in applied projects of the Slovenian Research Agency and certain public calls of the Ministry of Education, Science and Sport.





*In addition to full-time study, the Faculty of Electrical Engineering also offers various extracurricular activities aimed at encouraging creativity and innovation.*

*Photo: Faculty of Electrical Engineering archive*



*The Faculty of Electrical Engineering operates in various scientific research fields.*

*Photo: Faculty of Electrical Engineering*

# 14. University of Ljubljana

## FACULTY OF HEALTH SCIENCES

### *Education*

The Faculty of Health Sciences is an educational and research institution in the field of eight allied health sciences. It offers a bachelor's degree of university education in Sanitary engineering and a bachelor's degree of higher professional education in Laboratory dental prosthetics, Midwifery, Nursing, Occupational therapy, Orthotics and prosthetics, Physiotherapy and Radiologic technology. During bachelor's studies, students acquire the knowledge and the most important skills needed for the contemporary job market. Graduates possess general knowledge encompassing a wide subject range. They are aware of the importance of interdisciplinary teamwork and the patients' active role in the management and treatment of their diseases. During the master's study, the students deepen and broaden their knowledge and/or enhance their professional competence through other disciplines. The programme prepares the students for doctoral studies, life-long learning and independent scientific research.

### *Research*

Research at Faculty of Health Sciences is mostly focused on the study of the preservation of health, reduction of the consequences of injuries and diseases and environmental health. Research work covers various fields, including the investigation of the concept of healthy future human settlements, homeostasis in terms of diet, lifestyle and environmental factors, all of which are valued according to basic and newer mechanisms of health assessment (intercellular communication in health and disease). Researchers at the Faculty

of Health Sciences develop methods with which they may follow systems at the levels of cells, tissues, organisms and social systems and in this way form a comprehensive approach to the integration of different research fields, such as diet, lifestyle, environment and health mechanisms.

### *Development - cooperation with the private and public sector*

The Faculty of Health Sciences experts are competently engaged in a process of technological and non-technological innovation, particularly in the fields of biomedicine, eco-Slovenia, smart homes and smart factories, and to a lesser extent smart cities and energy and power systems. In chains and networks of value the Faculty's experts may represent a connecting element between the technology companies, natural science and engineering research centres and users from all social and age groups (children, adolescents, active employees, elderly persons, etc.) in the field addressing the quality of growing up, labour, housing, food, drinking water, health (preventive and curative health programmes), ageing and ensuring general welfare.





*Exercise for the elderly*

*Photo: Darja Rogelj*



*Aquaponics*

*Photo: Tjaša Griessler Bulc*

# 15. University of Ljubljana

## FACULTY OF LAW

### *Education*

The Faculty of Law, established in 1919, is one of the founding faculties of the University of Ljubljana and the largest law faculty in Slovenia. The Faculty aims to provide its students with the mastery of individual legal areas as well as the overall structure of the legal system, and to equip them with the methods of legal analysis and reasoning enabling them to tackle practical legal problems. It also strives to foster their broader intellectual development and critical thinking, reflecting and reassessing the fundamental values of the legal system. The Faculty of Law offers three cycles of legal education: a four-year bachelor's programme, a one-year master's degree programme, and a three-year doctoral programme.

### *Research*

The Faculty of Law has established a number of research institutes, some of which acquired independent legal entity status. They are all still closely connected to the Faculty and are often directed by its professors. These institutes include the following: the Institute of Comparative Law, the Institute of Criminology, the Institute of Public Administration, the Institute of Labour, the Economics Institute of the Faculty of Law and the Institute of International Law and International Relations. Through its institutes and its professors, the Faculty of Law is strongly interconnected with universities and research institutes around the world. In the last few years, the Faculty has become increasingly active in national research projects, in joining transnational

research consortia and answering international funding programmes, such as calls by the European Commission, financing international projects within the programmes JUSTICE, Erasmus+, etc. A large number of the Faculty's academic and research staff are engaged in international research projects.

### *Development - cooperation with the private and public sector*

In addition to educating excellent legal experts, the Faculty of Law is committed to the development of legal science and law in Slovenia. Its staff and students are engaged in legislative and social processes, namely in the following ways: through research and advisory work within institutes operating at the Faculty or in one way or another associated with it, through participation in legislative drafting, where with in-depth and extensive knowledge of specific fields they endeavour to ensure expert formation of legal texts, through participation in expert meetings aimed at training professionals from various fields and exchange of views (cooperation with the Judicial Training Centre, the Bar Association and the Chamber of Notaries) through commenting and clarifying legal issues in mass media. The Faculty attests its relationship with the environment primarily through participation in national and international competitions for law students, organization of legal clinics (e.g. for refugees and the environment), numerous excursions for students, lectures by domestic and foreign expert guests from various fields as well as presentations of various legal professions.



*Students of the Faculty of Law won the grand finale of the global competition in knowledge of European Union Law – European Law Moot Court (ELMC), Headquarters of the EU Court in Luxembourg, spring 2016.  
Photo: Prof. Dr. Ana Vlahek*

# 16. University of Ljubljana

## FACULTY OF MARITIME STUDIES AND TRANSPORT

### *Education*

The Faculty of Maritime Studies and Transport offers degree programmes on all degree levels. The bachelor degree programmes include the academic degree programme Transport technology and logistics and the professional degree programmes are in Marine engineering, Nautical studies and Traffic technology and Transport logistics, with general elective courses and elective courses from the field of logistics, road transport, railway transport, maritime transport and air transport. The Faculty offers two master's degree programmes, Maritime studies (Marine studies, Marine engineering, Maritime systems) and Transport (Transport technology, Traffic safety, Transport logistics). The Faculty offers doctoral degree programme in Transport and maritime sciences and the interdisciplinary doctoral degree programme in Environmental protection.

### *Research*

The Faculty of Maritime Studies and Transport carries out research in the fields of maritime studies, traffic and logistics. It cooperates in numerous research projects. The Institute for Maritime Studies and Transport includes research groups for transport logistics, maritime studies, traffic safety and traffic engineering. Most of the research and development work is carried out by the programme group titled "Modeliranje in sim-

ulacije v prometu in pomorstvu" (Modelling and simulations in traffic and maritime engineering).

The research within the programme is mainly focused on the following fields: traffic and maritime systems, traffic safety and risk analysis in traffic, and vessel dynamics and their impact on the environment, where the programme group members already achieved important results.

### *Development - cooperation with the private and public sector*

The Faculty of Maritime Studies and Transport offers counselling in the fields of maritime studies, traffic and logistics, education and training, and recruitment of students. The Faculty cooperates closely with national and international partners from the private and public sectors and offers many services in different fields. It carries out courses and training from its field of work on the most advanced simulators in accordance with the international STCW convention, it offers courses and professional exams for the acquisition of the title vessel agent, and through the services of the Career Centre it promotes links between students and employers. The Faculty also has an alumni club, which allows cooperation between the graduates and faculty, exchange of experience and a Section for Transport Promotion, which was founded by the students to promote transport.



*Group analysis, economic planning and strategic problem solving of the logistics processes*

*Photo: Peter Florjančič*



*Nautical students with the aid of GPS measure the EM field fading distance of a directional antenna*

*Photo: Franc Dimic*

# 17. University of Ljubljana

## FACULTY OF MATHEMATICS AND PHYSICS

### *Education*

The Faculty of Mathematics and Physics' main mission is higher education, scientific research, professional work and development in the field of two fundamental natural and mathematical sciences, mathematics and physics. The Faculty of Mathematics and Physics provides education on all degree levels. The bachelor's degree programme carries out two professional degree programmes, Practical mathematics and Techniques of measurement in physics, and three academic degree programmes, Financial mathematics, Mathematics, Physics and one single-cycle master degree programme Mathematics education. Together with the Faculty of Computer and Information Science, the Faculty carries out the interdisciplinary study of Computer science and mathematics. A master's degree allows students to deepen and upgrade their knowledge and prepares them for independent research in a selected area in doctoral studies. At undergraduate and postgraduate levels students of mathematics and physics have creative, original and flexible minds. They are therefore successful and sought after in many fields of work, such as research, education, industry and finance.

### *Research*

The Faculty of Mathematics and Physics is home to the Department of Physics and the Department of Mathematics. It cultivates basic, applied and development research and strives to achieve excellence in all its related fields. In the field of both, theoretical and experimental physics, the researchers work in the areas of solid state physics, soft matter physics, astronomy, meteorology, low and medium energy physics, elementary particles, optics, biophysics, medical physics and nuclear technology. In the field of mathematics, the researchers work on the following areas: analysis, topology, numerical and computational mathematics, algebra, graph theory and statistics. Researchers of the Faculty play a leading role in major international scientific collaborations, e.g. the Belle collaboration for research in the physics of elementary particles in Tsukuba, Japan, the Large Hadron Collider in Cern, Switzerland and the Thomas Jefferson National Accelerator Facility in Newport News, Virginia, USA. The Faculty is in regular cooperation and maintains close contacts in the field of research with Slovenian as well as international universities and institutions, and obtains research funds at national and international research tenders.



## *Development - cooperation with the private and public sector*

The principle driving force at the Faculty of Mathematics and Physics is collaboration in top-level research. In combination with knowledge of the latest achievements and the transfer of knowledge to students, this results in the creation of know-how and the implementation of knowledge, useful for the Slovenian private sector and research institutes. The Faculty of Mathematics and Physics cooperates with the private and the public sector through companies seeking for specific knowledge from the field of work expertise of the Faculty, with public research institutes and with educational institutions. The available data shows a stable and high level of employability of the faculty's graduates who often form ties with the research environment and the private sector during their studies. Due to a wide range of knowledge and their adaptability skills, they have no difficulties finding employment after graduation.

*A student of the Faculty of Mathematics and Physics  
slacklined between the two faculty buildings.*

*Photo: Prof. Dr. Peter Legiša*



*maΦja - first science  
cafe in Slovenia*

*Photo: Miran Kambič,  
architecture: Abiro and  
studiobotas*

# 18. University of Ljubljana

## FACULTY OF MECHANICAL ENGINEERING

### *Education*

The Faculty of Mechanical Engineering provides education on all degree levels. In the bachelor's study, programmes for a professional degree and a university degree are carried out. The former is dedicated to the acquisition of knowledge from a wider field of mechanical engineering, providing graduates with appropriate skills for immediate employment. The latter half of the degree programme is divided into five disciplines Aviation, Engineering design, operation and maintenance, Mechatronics, Power, process and environmental engineering, Production engineering. The university programme is dedicated to the acquisition of basic knowledge, which becomes an appropriate starting point for research study at the master's level. Doctoral study is dedicated to educating exceptionally successful post-graduate students of master's programmes in independent scientific and research work as well as to creating new breakthroughs in mechanical engineering sciences.

### *Research*

The Faculty of Mechanical Engineering fulfils its social mission even in the field of scientific research. Research is carried out within 38 laboratories, which are active in the wider field of mechanical engineering. As the Faculty of Mechanical Engineering actively collaborates with institutes, domestic and foreign companies in the fields of medicine, electrical engineering, chemistry, computing and construction, it exceeds the

limitations of classical mechanical engineering research by treading onto new research areas, which bring added value to society. Fourteen programme groups at the Faculty operate in the context of the Slovenian Research Agency. They represent comprehensive areas of research relevant for an extended period of time and have a greater importance for Slovenia.

### *Development - cooperation with the private and public sector*

The Faculty of Mechanical Engineering is one of the most intensely integrated research organisations in the area of economic cooperation. It is closely involved with the vast majority of companies from a wide range of mechanical and electrical engineering. Due to its broad knowledge base, the Faculty is a competent partner throughout the processes of research, development, design, optimisation and validation of products, as well as the design and optimisation of production processes. Great potential for development has also enabled the Faculty to penetrate international markets where it collaborates with many companies and enters international publicly financed projects. The Faculty of Mechanical Engineering is classified among the best 350–400 universities in the field of mechanical engineering in the world according to QS Top Universities. The Faculty carried out 175 industry projects and 33 international research projects in 2016.





*Equipment in the laboratory, designed for research and educational purposes*

*Photo: Željko Stevanić*



*Formula, designed by students of the Faculty of Mechanical Engineering*

*Photo: Faculty of Mechanical Engineering archive*

# 19. University of Ljubljana

## FACULTY OF MEDICINE

### *Education*

The Faculty of Medicine offers students the single-cycle master's degree programme Medicine and Dental medicine, as well as an interdisciplinary doctoral degree programme in Biomedicine, Environmental protection and Statistics. The essential goal of the single-cycle master's degree programme Medicine is to train an expert to perform the professional duties and tasks in the field of medicine and also give him a sound basis for further professional training in the field of specializations and continuing the study onto the doctoral level. The essential goal of the single-cycle master degree programme Dental medicine is to train an expert to perform the professional duties and tasks in the field of dental medicine and also provide a sound basis for further professional training in the field of specializations and continuing the study onto the doctoral level.

### *Research*

Research work is an important driver of progress in medicine and dental medicine. The mission of the Faculty of Medicine is to remain the leading institution in this field in Slovenia as well as to obtain further recognition among the most successful medical faculties in the world and thus ensure that in Slovenia, medicine and dentistry will remain on the highest level. Teaching staff, researchers, doctoral students as well as a large number of graduate students participate in research work. Research fields in which the Faculty of Medicine maintains its top position on the global scale are broad; among the most notable are metabolic diseases and diabetes mellitus, virology and viral diseases epidemiology, molecular epidemiology of microorganisms, system biology, pharmacogenomics, neurobiology of glia cells, public health and neurodegenerative diseases.

### *Development - cooperation with the private and public sector*

Apart from education and research work, the Faculty of Medicine has an important social responsibility to transfer basic sciences into the profession and public services. The expert institutes of the Faculty of Medicine in Ljubljana are the best qualified organisations in Slovenia in the fields of microbiology and immunology, pathology and forensic medicine. The strong connections in these fields between excellent research work and professional work ensure the highest quality of practice and services provided to public sector and health system. Strong emphasis is placed on implementation of modern and high-tech applications important for the high-quality treatment and healing of patients.



*Award ceremony held by the President of the Republic of Slovenia Mr. Borut Pahor – the award “Apple of Inspiration” given for the discovery of the connection between the Zika virus and microcephaly*

*Photo: Daniel Novakovič, STA*

# 20. University of Ljubljana

## FACULTY OF NATURAL SCIENCES AND ENGINEERING

### *Education*

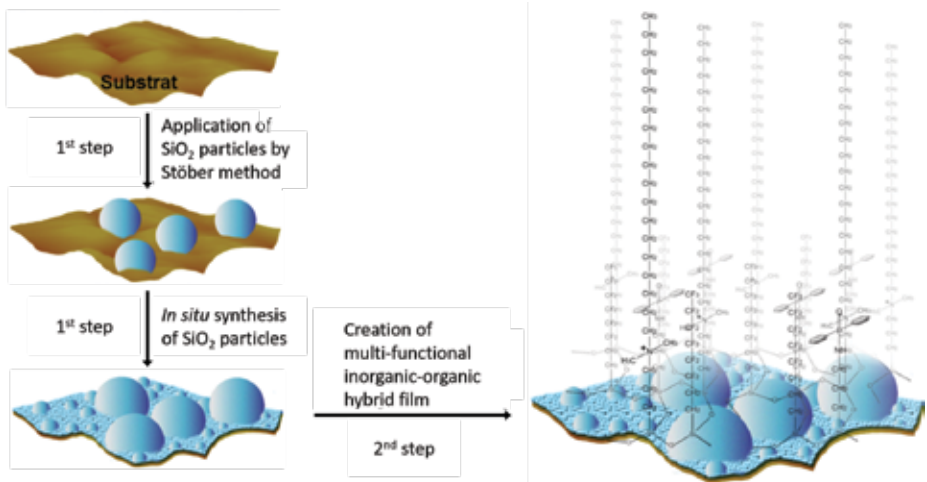
The Faculty of Natural Sciences and Engineering consists of four departments: the Department of Geology, the Department of Geotechnology, Mining and Environment, the Department of Materials and Metallurgy and the Department of Textiles, Graphic Arts and Design. At these departments, the study of individual disciplines is offered on all degree levels. Fields of study include graphics and media communications, textiles, fashion design, materials and metallurgy, geology and geotechnology, mining and the environment.

### *Research*

The research activity of the Faculty of Natural Sciences and Engineering is interdisciplinary. It extends to the fields of natural sciences, technology and art where it incorporates research in the areas of matter (geology, mining), organic and inorganic materials (textile, graphic, metallic, non-metallic, composite), production and processing technologies (textile and graphic technology, geotechnology, metallurgy), information technologies, textile and graphic design, fashion design and environmental protection. Scientific-research and artistic work is carried out within eleven research groups which operate in all four departments.

### *Development - cooperation with the private and public sector*

The Faculty of Natural Sciences and Engineering offers services in research, expertise, project design and the audit of projects in materials, metallurgy and production technologies, geology, terotechnology, mining and geoengineering, textiles, graphic and information technology, fashion design, environmental protection, education, training and student recruitment. The Faculty of Natural Sciences and Engineering covers natural sciences, technology and art in the following areas: research, counselling and expertise, business education and training, project work with students, cooperation in diploma works, master's theses and doctoral dissertations, cooperation between engineers and experts from their fields of practice and industry and career counselling services, including recruitment services for companies provided by the Career Centres of the University of Ljubljana.



*Development of multi-functional durable sol-gel film; the research achievement was ranked among the ten most prominent research achievements of the University of Ljubljana in 2016.*



*Student presentation at the annual Fashion Week: Štrikover, 2016/2017 collection: The sustainable collection was created by interweaving, entangling and unravelling old sweaters. Author Katarina Kimovec, supervisor Assoc. Prof. Nataša Peršuh*

*Photo: Klemen Razinger*

# 21. University of Ljubljana

## FACULTY OF PHARMACY

### *Education*

The Faculty of Pharmacy is the only higher education institution in the Republic of Slovenia operating in the field of pharmacy and clinical biochemistry. It provides the single-cycle master's degree programme Pharmacy, bachelor's and master's degree programmes Laboratory biomedicine, bachelor degree programme Cosmetology, and master degree programme Industrial pharmacy. The Faculty of Pharmacy follows the concept of higher education in pharmaceutical and biomedical sciences. Understanding research and study as two inseparable parts, students are intensively encouraged to participate in research, which results in excellent and highly motivated graduates. The Faculty of Pharmacy is recognised on the national and global levels as a science and research oriented educational institution focused on development and innovation.

### *Research*

The Faculty of Pharmacy provides research and consultancy in all areas of pharmacy, laboratory biomedicine and cosmetology. The Faculty consists of six chairs, which represent its basic organizational units of teaching and scientific research and the Institute of Pharmacy, which carries out basic and applicative research in the fields of pharmaceutical chemistry, pharmaceutical technology, biopharmaceutics and pharmacokinetics, pharmaceutical biology, clinical biochemistry and social pharmacy.

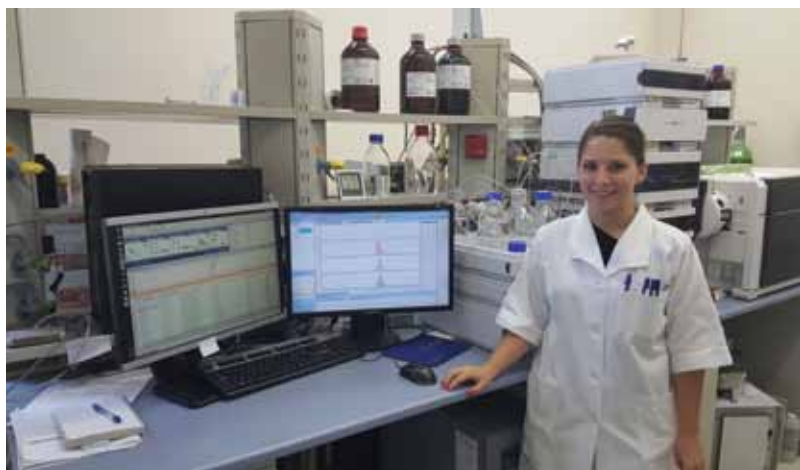
### *Development - cooperation with the private and public sector*

The Faculty of Pharmacy offers research and counselling in all areas of pharmacy, laboratory biomedicine and cosmetology. The Faculty of Pharmacy also organizes annual post-graduate life-long learning courses.





*Postgraduate European Radiopharmaceutical Chemistry – Radiopharmacy  
Course at the Faculty of Pharmacy  
Photo: Faculty of Pharmacy archive*



*Mass spectrometry laboratory at the Faculty of Pharmacy  
Photo: Faculty of Pharmacy archive*



# 22. University of Ljubljana

## FACULTY OF SOCIAL SCIENCES

### *Education*

For 55 years, the Faculty of Social Sciences as one of the largest social science faculties in Europe, has been the leading force in the field of the social sciences in Slovenia through its teaching and research activity across a wide range of basic and applied disciplines. Within core areas – sociology, political science, communication science, journalism and cultural studies – the teaching staff are also constantly developing international relations, European studies, defence, social informatics, marketing communications, public relations, anthropology, religious studies, and many other social science disciplines. The Faculty cooperates with more than 200 foreign universities, institutes and professional associations in the field of social sciences. The Faculty's significance and importance are confirmed by the Institute for Social Sciences, the Jože Goričar Central Social Sciences Library and the publishing house which operate within the Faculty.

### *Research*

Since the first research centres were established within the faculty 50 years ago, social science research has been strongly embedded in the domestic and international arenas. The Institute of Social Sciences brings together 19 politically engaged, internationally and globally active scientific research centres and more than 170 active researchers. The fields of research include: social

informatics, methodology and informatics, social welfare, quality of life, organization and human resources, comparative legal research, spatial sociology, public opinion and mass communication, social psychology, strategy and management, political theory, political science research, international relations, administrative-political processes and institutions, defence, social science terminology and journalism, marketing and public relations, social communication, culture and religion and the study of science.

### *Development - cooperation with the private and public sector*

The Faculty of Social Sciences cooperates with companies and institutions in all areas of its activity (in teaching, research and strategic fields). The Faculty regularly includes domestic and foreign experts, professors, economists and other specialists from practice into the study process through guest lectures, practicums, projects, research, events, practical training and the recruitment of students. With professional training of various professional profiles, the Faculty offers high-quality acquisition of practical skills, and within the Alumni Club of graduates, it offers the possibility of professional networking of graduates. For 10 years, the Gallery of the Faculty of Social Sciences has been active in promoting and combining art and science by reacting to and interpreting current social topics.



*The Faculty of Social Sciences celebrated its 50th anniversary of research in social sciences with a research day and an exhibition of research achievements*

*Photo: Urban Resnik*

# 23. University of Ljubljana

## FACULTY OF SOCIAL WORK

### *Education*

Through bachelor's, master's, doctoral and continuous education, the Faculty of Social Work offers knowledge and training for professional tasks and services in social care and other fields, where the knowledge and skills of social workers are needed. The Faculty of Social Work has developed basic forms and methods of contemporary social work such as counselling, group work, community work, and work with families. Its achievements in voluntary work, action research, and qualitative research in general have played an important part in Slovenian social sciences. The Faculty of Social Work has developed special fields of education in the area of work with older people, families, women, young people, people in mental distress, people with disabilities, ethnic minorities and others. A significant part of the degree programmes involves practical work.

### *Research*

In recent decades, the Faculty of Social Work has carried out more than 100 basic and targeted research, postdoctoral, EU and other international research and development projects. In addition to the theories and concepts of social work, the main topics of research include voluntary work, community work, group work and evaluation methods. The specific topics of research involve drugs, mental health, family, disability, housing

and the issue of violence, problems of minorities, elderly people and the employed poor. The Faculty of Social Work participated in the planning of community services – especially in the field of violence against women (safe houses), in the development of intermediate structures (group homes, camps), work with families, street work, personal care planning, long-term care and other community approaches.

### *Development - cooperation with the private and public sector*

The Faculty of Social Work cooperates with numerous associations and other non-governmental organizations as well as various public organisations, in particular with the social work centres and social institutions, hospitals, employment services and with commercial organisations which participate in social work and similar services. Therefore, in addition to the community innovations mentioned above, the Faculty of Social Work also cooperates with companies in developing various technological solutions and innovations to providing care for residents with dementia who live at home. It also an active partner in a project to establish support for libraries for the blind and partially sighted, or for those with reading disabilities, in order to provide them with equal opportunities of access to publications.



*The Faculty of Social Work has published over 50 scientific monographs and other publications in the field of social work*

*Photo: Larisa Deutsch, Ana Jagrič, Petra Videmšek*



*The 6th Congress of Social Work in Moravske Toplice, organized by the Faculty of Social Work in 2016*

*Photo: Larisa Deutsch, Ana Jagrič, Petra Videmšek*

# 24. University of Ljubljana

## FACULTY OF SPORT

### *Education*

Faculty of Sport is the leading educational, professional and scientific-research institution in the field of kinesiology and sport in Slovenia. It implements three bachelor's degree programmes and three master's degree programmes (one in cooperation with the Faculty of Economics) as well as one doctoral programme. At the bachelor's level, it educates professionals for work in outside school sports activities and in sports programmes in private sector. It also educates for sports coaches and other professionals for physical preparation in sports organisations as well as in tourism and preventive health programs. Graduates of master's study programmes can become physical education teachers in schools or sports professionals who carry out sports activities with the elderly or with people with chronic diseases or injuries or they can work in the field of sports management. The doctoral programme is aimed at scientific research and development work in the field of kinesiology.

### *Research*

The basic scientific research activities take place within two research programmes. The research programme "Bio-psycho-social context of Kinesiology" examines on the one hand the effects of sports training in hypoxic conditions and on the other hand physical activity and health, including motor development in children and youth. In the

research programme "Kinesiology in mono-structured, poly-structural and conventional sports" researchers study human movement in space and time in terms of modelling competition and success as well as the issue of preparation processes of athletes in accordance with appropriate measurement procedures and technologies. Applied research activity takes place within the framework of various international projects in cooperation with industry and other societal stakeholders.

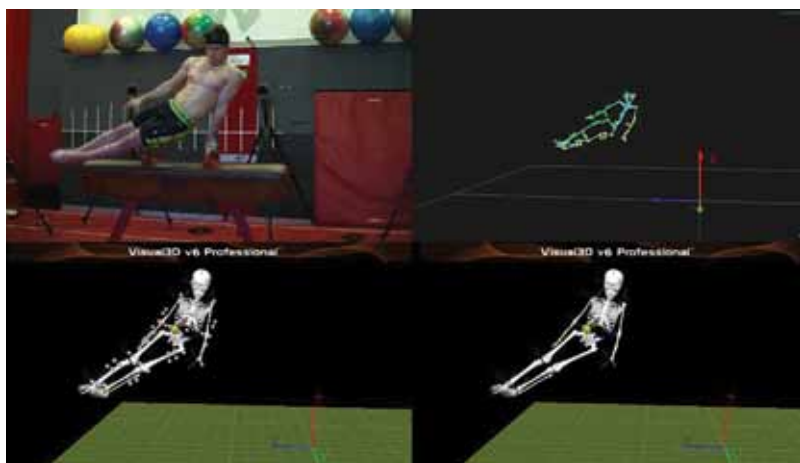
### *Development - cooperation with the private and public sector*

The main target of the implementation of multidisciplinary research, measurement and consultancy projects is to support the development of athletes aiming at quality and high-level competitive sports. The Faculty's participation in designing and testing of sports equipment is conducted for the needs of the fields of elite sports and sport for all. A highlight comes in dealing with optimizing the movement of high-level athletes and their sports equipment, as well as the protection of health and the positive effects of exercise (research work in the field of biomechanics). The Institute of Kinesiology targets the market of high-level Slovenian athletes and carries out tests and projects for many athletes from abroad. Of special interests are the preparations for the World Championships and Olympic Games.



*Teaching process at the gym*

*Photo: Bogdan Martinčič*



*3D kinematics measurement of an elite gymnast on the pommel horse*

*Photo: Jan Ogrin, Bogdan Martinčič, dr. Matej Supej*



# 25. University of Ljubljana

## FACULTY OF THEOLOGY

### *Education*

The Faculty of Theology is one of the co-founders of the University of Ljubljana. Studies and scientific research activities take place in Ljubljana and in its Unit in Maribor. The Faculty of Theology aims to qualify students for critical reflection on the topics of social reality, transcendence, interpersonal relationships, religion, revelation, canon law, morality and education. It provides knowledge in the fields of humanities and social sciences, mainly in the perspective of philosophical and theological disciplines. The latter include biblical-exegetical theology, historical theology, systematic theology and practical theology. In the framework of marriage and family studies, it offers its students knowledge for consultation, instruction, research and preventive work in a variety of fields of marriage and family issues.

### *Research*

Research and development activities at the Faculty of Theology take place in the context of scientific institutes in association with related chairs and other research organizations outside the Faculty, which participate in the scientific and research work of the Faculty. Two research programmes and a number of research projects are also increasingly engaged in scientific research activities. The researchers publish in domestic and foreign scientific publications.

### *Development - cooperation with the private and public sector*

The Faculty of Theology oversees its own publishing activity, which focuses on publishing the latest findings of academic staff, collaborators and researchers of the Faculty, as well as publishing translations of foreign scientific achievements particularly related to the field of theology. The scientific research achievements are published in the book series Acta Theologica Sloveniae, Scientific Library, Manuals of TEOF and Monasticism in Slovenia, and in the scientific journals Theological Quarterly, Acta Ecclesiastica Sloveniae and Unity and Dialogue.



*Presentation of the book "Fasting - the path to a new life" by Prof. Vladimir Vukašinović from the Belgrade Orthodox Faculty, March 2017*  
*Photo: Samo Skralovnik*



*Convocation in Honor of St. Thomas of Aquinas and diploma award ceremony, March 2017*  
*Photo: Tatjana Splichal*

# 26. University of Ljubljana

## VETERINARY FACULTY

### *Education*

The Veterinary Faculty conducts a single-cycle master's degree programme Veterinary medicine, taught in the Slovenian language. There are no special veterinary courses organised in a foreign language (English) for incoming students. The study takes six years and comprises a total of 360 ECTS credit points. The date of passing the exam in the subject Forensic and state veterinary medicine is the date of graduation, whereupon the graduate is granted the professional title: Doctor of Veterinary Medicine (DVM). Post-graduate studies are possible as a part of the doctoral degree programmes Biomedicine and Environmental protection. Graduates can gain additional professional knowledge by enrolling in five different programmes for advanced training.

### *Research*

Research work is performed in the broad field of life sciences. The Veterinary Faculty has well developed laboratory diagnostic and analysis processes, to include the possibility of carrying out studies in the fields of chemical analysis, biochemical analyses of blood, urine, milk and other body fluids, molecular-biological methods, serological diagnosis and parasitological diagnosis, toxicology studies, clinical studies and research using laboratory animals. The Veterinary Faculty also has well developed research programmes in

neuroscience and behavioural neurobiology, in G protein coupled receptors, which are the targets of many drugs, electrophysiological studies, toxicological and genomic studies as well as clinical studies in the fields of veterinary oncology, dental medicine, stem cells and equine physiology.

### *Development - cooperation with the private and public sector*

The Veterinary Faculty includes the National Veterinary Institute, which provides laboratory diagnostics in disease agents, microbiological contaminants, toxins and spoilors in food and water. The diagnostic work is intended for holders and breeders of animals, veterinarian institutes, producers of animal origin food and animal feed, food processing and the pharmaceutical industry. The Veterinary Faculty provides reliable results in testing, as it is an accredited institution according to the ISO/IEC 17025 standard (General requirements for qualifications for testing and calibrating laboratories). The Veterinary Faculty also offers cooperation in basic and applied scientific research in a wider area of biomedicine. Additionally, the Veterinary Faculty provides services in the regulated area of veterinary medicine by authorization of the Ministry of Agriculture and Environment for the purpose of veterinary, health and market inspection.



*Students taking care of a dog patient at the clinic for small animals*

*Photo: Željko Stevanić, IFP, Ljubljana*



*A student checks the healing of a wound on a horse after treatment with a new method using stem cells.*

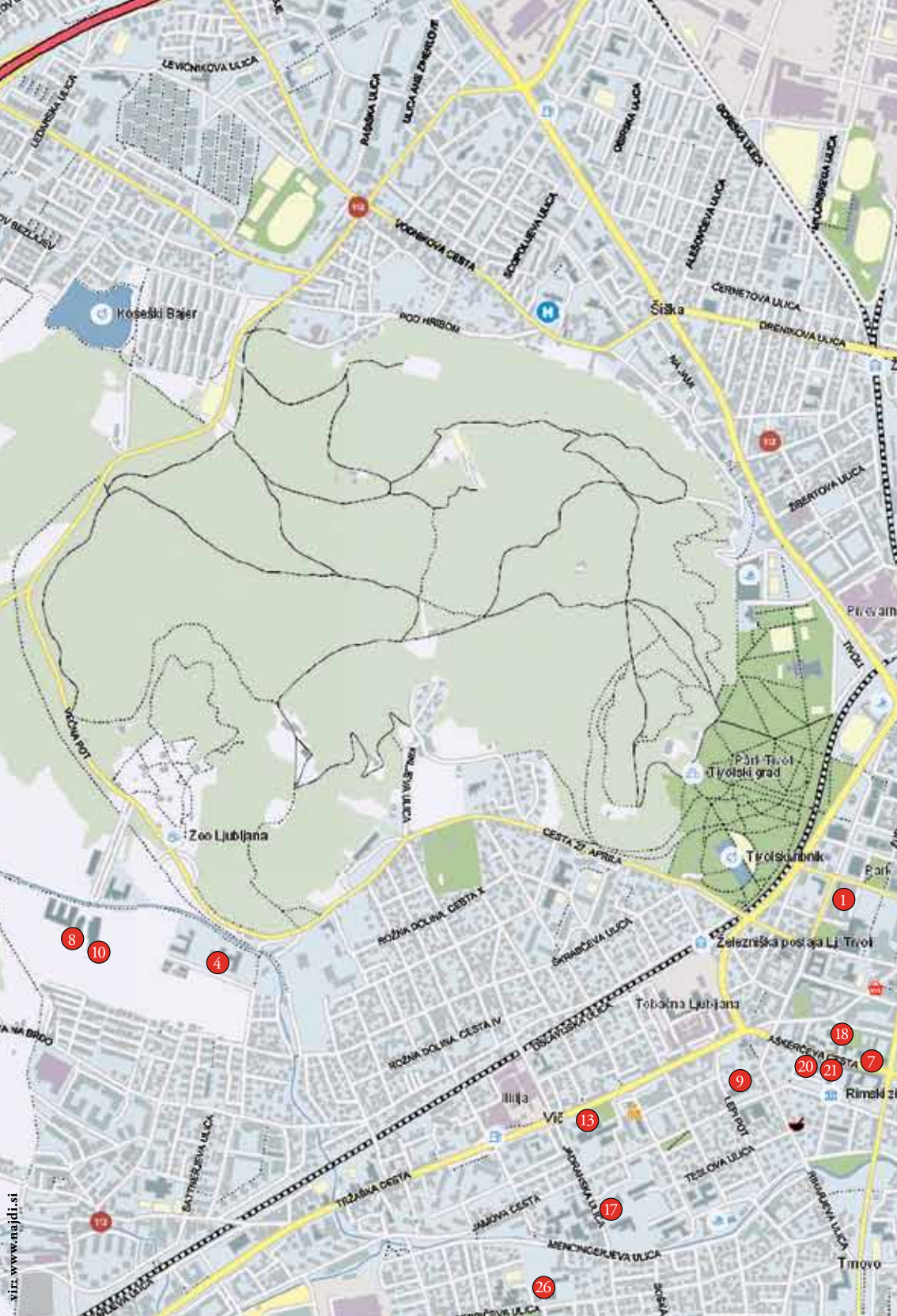
*Photo: Željko Stevanić, IFP, Ljubljana*

# Map of University of Ljubljana members (academies and faculties)

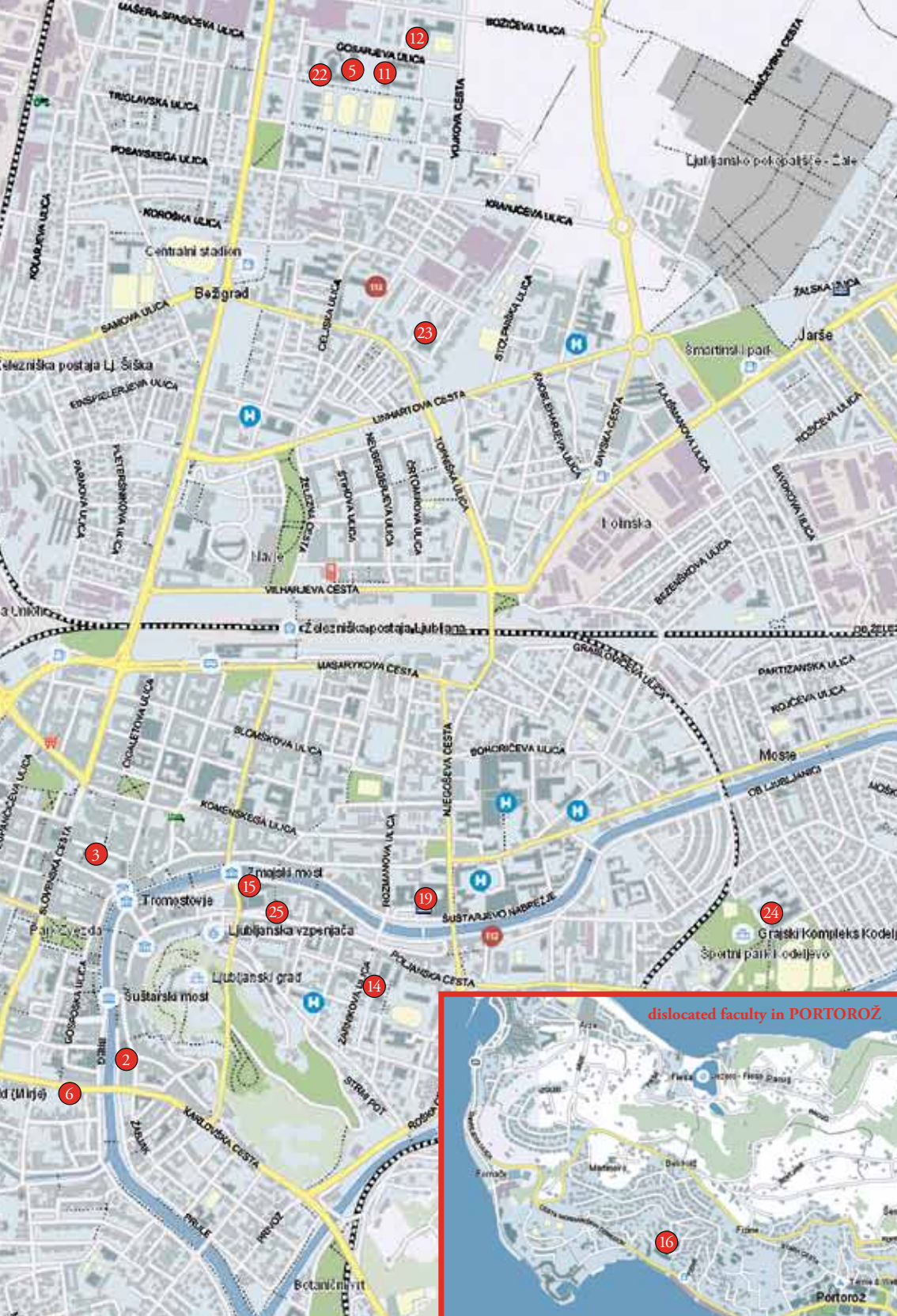
- 1 ACADEMY OF FINE ARTS AND DESIGN**  
Erjavčeva 23, 1000 Ljubljana  
+386 1 421 25 00  
[www.aluo.uni-lj.si](http://www.aluo.uni-lj.si)
- 2 ACADEMY OF MUSIC**  
Stari trg 34, 1000 Ljubljana  
+386 1 242 73 00  
[www.ag.uni-lj.si](http://www.ag.uni-lj.si)
- 3 ACADEMY OF THEATRE, RADIO, FILM AND TELEVISION**  
Nazorjeva ulica 3, 1000 Ljubljana  
+386 1 251 04 12  
[www.agrft.uni-lj.si/en](http://www.agrft.uni-lj.si/en)
- 4 BIOTECHNICAL FACULTY**  
Jamnikarjeva ulica 101, 1000 Ljubljana  
+386 1 320 30 00  
[www.bf.uni-lj.si/en](http://www.bf.uni-lj.si/en)
- 5 FACULTY OF ADMINISTRATION**  
Gosarjeva ulica 5, 1000 Ljubljana  
+386 1 580 55 00  
[www.fu.uni-lj.si/en](http://www.fu.uni-lj.si/en)
- 6 FACULTY OF ARCHITECTURE**  
Zoisova cesta 12, 1000 Ljubljana  
+386 1 200 07 49  
[www.fa.uni-lj.si](http://www.fa.uni-lj.si)
- 7 FACULTY OF ARTS**  
Aškerčeva cesta 2, 1000 Ljubljana  
+386 1 241 10 00  
[www.ff.uni-lj.si/an](http://www.ff.uni-lj.si/an)
- 8 FACULTY OF CHEMISTRY AND CHEMICAL TECHNOLOGY**  
Večna pot 113, 1000 Ljubljana  
+386 1 479 80 00  
[www.fkkt.uni-lj.si/en](http://www.fkkt.uni-lj.si/en)
- 9 FACULTY OF CIVIL AND GEODETIC ENGINEERING**  
Jamova cesta 2, 1000 Ljubljana  
+386 1 476 85 00  
[www.en.fgg.uni-lj.si](http://www.en.fgg.uni-lj.si)
- 10 FACULTY OF COMPUTER AND INFORMATION SCIENCE**  
Večna pot 113, 1000 Ljubljana  
+386 1 479 80 00  
[www.fri.uni-lj.si/en](http://www.fri.uni-lj.si/en)
- 11 FACULTY OF ECONOMICS**  
Kardeljeva ploščad 17, 1000 Ljubljana  
+386 1 589 24 00  
[www.ef.uni-lj.si/en](http://www.ef.uni-lj.si/en)
- 12 FACULTY OF EDUCATION**  
Kardeljeva ploščad 16, 1000 Ljubljana  
+386 1 589 22 00  
[www.pef.uni-lj.si](http://www.pef.uni-lj.si)
- 13 FACULTY OF ELECTRICAL ENGINEERING**  
Tržaška cesta 25, 1000 Ljubljana  
+386 1 476 84 11  
[www.fe.uni-lj.si/en](http://www.fe.uni-lj.si/en)

- 14** **FACULTY OF HEALTH SCIENCES**  
Zdravstvena pot 5, 1000 Ljubljana  
+386 1 300 11 11  
[www.zf.uni-lj.si/en](http://www.zf.uni-lj.si/en)
- 15** **FACULTY OF LAW**  
Poljanski nasip 2, 1000 Ljubljana  
+386 1 420 31 00  
[www.pf.uni-lj.si/en](http://www.pf.uni-lj.si/en)
- 16** **FACULTY OF MARITIME STUDIES AND TRANSPORT**  
Pot pomorščakov 4, 6320 Portorož  
+386 5 676 72 50  
[www.fpp.uni-lj.si/eng](http://www.fpp.uni-lj.si/eng)
- 17** **FACULTY OF MATHEMATICS AND PHYSICS**  
Jadranska ulica 19, 1000 Ljubljana  
+386 1 476 65 15 (Mathematics)  
+386 1 476 65 17 (Physic)  
[www.fmf.uni-lj.si/en](http://www.fmf.uni-lj.si/en)
- 18** **FACULTY OF MECHANICAL ENGINEERING**  
Aškerčeva cesta 6, 1000 Ljubljana  
+386 1 477 12 00  
[www.fs.uni-lj.si/en](http://www.fs.uni-lj.si/en)
- 19** **FACULTY OF MEDICINE**  
Vrazov trg 2, 1104 Ljubljana  
+386 1 543 77 02  
[www.mf.uni-lj.si/en](http://www.mf.uni-lj.si/en)
- 20** **FACULTY OF NATURAL SCIENCES AND ENGINEERING**  
Aškerčeva cesta 12, 1000 Ljubljana  
+386 1 470 45 00  
[www.ntf.uni-lj.si/en](http://www.ntf.uni-lj.si/en)
- 21** **FACULTY OF PHARMACY**  
Aškerčeva cesta 7, 1000 Ljubljana  
+386 1 476 95 00  
[www.ffa.uni-lj.si/en](http://www.ffa.uni-lj.si/en)
- 22** **FACULTY OF SOCIAL SCIENCES**  
Kardeljeva ploščad 5, 1000 Ljubljana  
+386 1 580 51 00  
[www.fdv.uni-lj.si/en](http://www.fdv.uni-lj.si/en)
- 23** **FACULTY OF SOCIAL WORK**  
Topniška ulica 31, 1000 Ljubljana  
+386 1 280 92 59  
[www.fsd.uni-lj.si/en](http://www.fsd.uni-lj.si/en)
- 24** **FACULTY OF SPORT**  
Gortanova 22, 1000 Ljubljana  
+386 1 520 77 00  
[www.fsp.uni-lj.si/en](http://www.fsp.uni-lj.si/en)
- 25** **FACULTY OF THEOLOGY**  
Poljanska cesta 4, 1000 Ljubljana  
+386 1 434 58 18  
[www.teof.uni-lj.si](http://www.teof.uni-lj.si)
- 26** **VETERINARY FACULTY**  
Gerbičeva ulica 60, 1000 Ljubljana  
+386 1 477 91 00  
[www.vf.uni-lj.si/en](http://www.vf.uni-lj.si/en)









dislocated faculty in PORTOROŽ

Portorož

*Notes*

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



**University of Ljubljana**

Kongresni trg 12, 1000 Ljubljana, Slovenia

Telephone: +386 1 241 85 00

Fax: + 386 1 241 85 60

Email: [study.info@uni-lj.si](mailto:study.info@uni-lj.si)

Website: [www.uni-lj.si](http://www.uni-lj.si)

Website with information for international students: [www.uni-lj.si/study](http://www.uni-lj.si/study)



Publisher: University of Ljubljana

Edited by: Katja Cerar

Contribution by: University of Ljubljana members, Nina Komočar

Design: TOASTER studio d.o.o.

Print: Cicero, Begunje, d.o.o.

Edition: 5000

Ljubljana, 2017

Univerza v Ljubljani

