



University of Maribor

Faculty of Health Sciences



UNIVERSITY  
OF MARIBOR  
FACULTY  
OF HEALTH  
SCIENCES

# STUDY INFORMATION

2025/2026

[WWW.FZV.UM.SI](http://WWW.FZV.UM.SI)



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FACULTY OF HEALTH SCIENCES

**STUDY INFORMATION 2025/2026**

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## DEAR STUDENTS!

The University of Maribor, Faculty of Health Sciences, is recognized for its quality, up-to-date study programs, and scientific research in nursing and health sciences, both in Slovenia and internationally. Through our excellence, we contribute to the advancement of science, the discipline, and the profession of nursing and health sciences.

By establishing excellent cooperation with renowned domestic and international educational and research institutions, we enable students to gain valuable educational, research, and clinical experience both at home and abroad through mobility programs.

Our faculty offers internationally comparable nursing and health sciences study programs at the bachelor's, master's, and doctoral levels, allowing for vertical knowledge progression. With innovative and engaging teaching methods in modern learning environments, we provide current knowledge based on scientific research and professional work, ensuring a successful transition into professional practice in Slovenia and abroad.

We offer excellent study conditions with modern equipment, a new library with a reading room, and advanced information and communication technology to support your well-being. We encourage students to actively participate in shaping faculty life and engage in extracurricular activities.

The faculty has an effective tutoring system involving students, university professors, staff, and clinical mentors. Tutors guide, support, and motivate students while providing the necessary assistance in acquiring knowledge and competencies throughout their studies.

With our contemporary and relevant study programs, our graduates gain recognition and excellent employment opportunities both domestically and internationally.

We invite you to become a student in one of the programs offered at our faculty!

Assoc Prof Mateja Lorber, PhD  
Dean

# ABOUT THE FACULTY

The University of Maribor, Faculty of Health Sciences is recognized for its quality, current educational programmes and scientific research work in the field of nursing and health sciences in Slovenia and internationally. Established collaborations with established and recognized domestic and foreign educational and research institutions enable the updating and development of undergraduate and postgraduate study programmes in the field of nursing and health sciences.

UM FHS responds to the needs of society and the environment by updating its study programmes and, on the basis of scientific research work, by involving a number of domestic and internationally recognized visiting professors and clinical experts, thus taking care of the progress of the profession of nursing and health sciences in Slovenia and beyond. We were the first in Slovenia to start with the preparation and implementation of 2nd degree study programmes, study fields in the 2nd degree study programme Nursing Care and with the implementation of the 3rd degree study programme Nursing Care. We are incredibly proud that we were the first in Slovenia to develop a model and new study fields for Advanced Nursing Practice.

We provide students with up-to-date knowledge based on international scientific research and professional work. This enables them to successfully integrate into future working environments in Slovenia and internationally. We provide high-quality education by involving an interdisciplinary, multidisciplinary and interprofessional team for the autonomous implementation of integrated medical treatment of patients in accordance with acquired competencies. We also encourage the development of equal partner relationships in practice.



In the field of educational and scientific research work, we actively cooperate with other members of the University of Maribor, with related faculties and health institutions at the national level, and with many recognized and reputable educational, research and clinical institutions abroad. A very strong link between practice and education is represented by research that contributes to the recognizable social development of the discipline of nursing and health sciences, thereby demonstrating social responsibility as one of the key tools for achieving the sustainable development of the faculty.

For more than 30 years, the operation of the faculty has been based on the promotion of academic values, comprehensive personal development of students with an emphasis on active co-shaping of events at the faculty, participation in extracurricular activities, promotion of international mobility of employees and students and the UM FHS Programme Council.

The reasons that convince students to choose UM FHS for their study path and professional orientation are: excellent conditions for studying, exemplary graduates results, modern didactic methods and approaches, a large selection of study content, visits by prominent domestic and foreign teachers, a varied student atmosphere and extracurricular activity, a high percentage of employability of UM FHS graduates at home and abroad, as well as international student exchanges, education supported by the most modern information and communication technology and the most modern equipped simulation centre.

Our faculty is one of the most recognizable and desirable higher education institutions within the University of Maribor, and it is also one of the most desirable faculties among Slovenian nursing faculties. With the excellence of education, research and international cooperation with many remarkable universities and institutions, UM FHS has gained reputation and recognition in the domestic and international space.

## BASIC INFORMATION

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### OPENING HOURS

MON–FRI FROM 07:00 TO 19:00  
SAT FROM 07:30 TO 13:00



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@fzv.um



@University of Maribor,  
Faculty of Health Sciences

# FACULTY MANAGEMENT

Dean



Assoc Prof  
Mateja Lorber, PhD

Vice Dean for Research



Prof  
Gregor Štiglic, PhD

Vice Dean for Education



Assist Prof  
Klavdija Čuček Trifkovič, PhD

Vice Dean for International Cooperation



Prof  
Sonja Šostar Turk, PhD

Vice Dean for Student Affairs



Benjamin Habinc, BSc

Secretary General



Vlasta Jug, BSc

# FACULTY DEPARTMENTS

## Department for Nursing Care

Head: Assist Prof Nataša Mlinar Reljić, PhD

The department performs tasks on the ongoing education of new staff, linking research deviations in practice, integrating scientific findings into education and in this way represents the majority of theories in practice. The mission of the department is to educate competent professionals in the field of nursing care, who will be trained to perform modern nursing care.

## Department for Bioinformatics

Head: Assoc Prof Muhamed Turkanović, PhD

The key task of the Department for Bioinformatics is to care for a quality implementation of the 2<sup>nd</sup> cycle study programme Nursing Care. It also makes an important contribution to the acquisition of nursing students' competencies in their entire education in the fields of science, informatics and computer science, health simulations and statistics, and related research methods. At the same time, the department represents a bridge between basic and applied research in health care.

## Department for Medicine and Health

Head: /

The department determines and advises the level and scope of lectures in the education of nursing students and proposes research programmes in the field of medical subjects according to innovations in the field.

## Department for Interdisciplinary Sciences

Head: Prof Sonja Šostar Turk, PhD

The department carries out pedagogical and research process in the field of public health, environmental health, applied microbiology, sociology, ethics, foreign languages and law. It carries out intensive research work on many European projects, in which it actively involves students of nursing and health sciences.

## Department for Midwifery

Head: /

The Department of Midwifery develops and prepares modern study programmes for the education of competent professionals in the field of midwifery care with the aim of quality treatment of women during usual pregnancy, childbirth, postpartum period and of quality treatment of a newborn and infant. The department performs scientific research activity and cares for the professional development of higher education midwifery teachers.



## **FACULTY INSTITUTES AND CENTRES**

### **Institute for Nursing Care**

Head: Prof Majda Pajnkihar, PhD, FAAN, FEANS

The basic task of the Institute is to take care of the development of nursing as science, discipline and profession. Through many years of research work and international cooperation, the Institute strives to contribute to the international recognition of the faculty, to the development of modern and current educational programmes, based on research results. The Institute's concern is to contribute to the development a caring, humane, safe, effective and by theories and evidence supported profession, science and discipline of nursing care. Special attention is paid to the involvement of students in research projects in order to develop knowledge and awareness of the importance of research, theories and evidence-based nursing. Current and future generations of nursing students are building blocks of the development of the profession and crucial for the further development of a recognizable and valued discipline of nursing care.

### **Research Institute**

Head: Prof Gregor Štiglic, PhD

The Research Institute, together with the Institute for Nursing Care, takes care of the coordination of applications and the implementation of research and development projects, and at the same time encourages the involvement of students and employees in research work. The result of successful national and international research work is a number of active and completed projects that have a high applied value for the profession in the field of health sciences.

### **Institute for Health and Nutrition**

Head: Professor Emeritus Dušanka Mičetić Turk, PhD

The aim of the Institute of Health and Nutrition is to acquire new knowledge and its use in the pedagogical work at higher education

institutions and in the economy. It deals with researching nutrition and nutrition-related diseases, quality of life of healthy and sick children, adults and the elderly, growth and development of a healthy population of children, compared to chronically ill and caring for the elderly from a bio-psychosocial aspect.

### **Institute for Balneology and Climatology**

Head: Prof Sonja Šostar Turk, PhD

The Institute of Balneology and Climatology enables the connection of medicine and public health within research projects in the field of the impact of the environment on human health, spa activities, with an emphasis on thermal waters and Slovenian health tourism.



### **Center for Simulated Clinical Environment**

Head: Sr Lect Barbara Donik, MSc

The Simulation Centre at the faculty was the first of its kind in this part of Europe at the time of opening. Here, nursing and health science students acquire knowledge and skills from clinically demanding areas on special models in a controlled clinical environment that is as similar as the real one. In this way, students connect theory with practice and learn how to act correctly so that they cannot harm the patient in case of wrong decisions.

### **Center for Information and Communication Technologies and E-Learning**

Head: Marko Uršič, MSc

The centre operates with the aim of ensuring uninterrupted contemporary educational and research work at the faculty. The basic activity of the centre is the maintenance and development of the computer and communication infrastructure of the faculty, as well as the care for the security of systems and their continuous operation.

### **Center for Quality and Development of Study Programmes**

Head: Simona Zabavnik, MSc

The primary activity of the Center for Quality and Development of Study Programmes is cooperation in preparing changes to study programmes, as well as the preparation of applications for accreditation and evaluation of study programmes at the faculty. In collaboration with the Quality Assurance Committee, the Center also participates in monitoring and ensuring the quality of study programmes, scientific research and professional work at UM FHS.

# ERASMUS+ APPLICATION FOR PROGRAMME COUNTRIES, STUDY 2025/2026

If you are interested in pursuing a Traineeship or Study opportunity at the University of Maribor, please follow these steps:

First, select either **Erasmus+ Study or Erasmus+ Traineeship**. Then, follow the corresponding instructions below based on your chosen Erasmus+ Mobility type.

## 1. Erasmus+ Study

- **Application deadlines: winter semester:** 15th of June ; **summer semester:** 15th of December
- Firstly, you register on Microsoft Forms on Erasmus+ UM website (AIPS). Secondly, you complete the Learning Agreement (it can be via OLA). You will need to send us the Transcript of Records, English Language Certificate, form Claim for establishing unique personal number (EMŠO number).
- The completed Application Form with all other requested documents (all together there should be 5) should be sent to: [incoming.erasmus@um.si](mailto:incoming.erasmus@um.si)
- More information:



## 2. Erasmus+ Traineeship

- **Application deadlines:** Students should arrange all the necessary documentation **at least one month before the start of the traineeship**.
- Firstly, you register on Microsoft Forms on Erasmus+ UM website (AIPS). Secondly, you complete the Learning Agreement (it can be via OLA). You will need to send us the Transcript of Records, English Language Certificate, form Claim for establishing unique personal number (EMŠO number), GDPR statement. You will also need to send us the Certificate of Vaccination.
- Send the fully completed Learning agreement for Traineeships with all the other requested documents (all together they are 6) to faculty coordinator: [aleksandra.lovrencic@um.si](mailto:aleksandra.lovrencic@um.si)
- More information:



### Erasmus+ Application for partner countries, study 2025/2026

- Application must be sent to [icm@um.si](mailto:icm@um.si)
- Firstly, you register on Microsoft Forms on Erasmus+ UM website (AIPS). Secondly, you complete the Learning Agreement. You will need to send us the Transcript of Records, English Language Certificate, A signed Declaration on previously conducted student mobility, A signed Declaration on country of residence, birth and citizenship, A Motivation letter, Curriculum Vitae (Europass), a valid Certificate of Enrolment, a copy of a valid personal document (passport or ID), form Claim for establishing unique personal number (EMŠO number), GDPR statement and an Application for additional funding for students with fewer opportunities.
- More information



Your documents will be reviewed by the main International Relations Office and by the selected host faculty. In case you are accepted for Erasmus study at the University of Maribor, we will send you an Erasmus Acceptance Letter and a signed Learning Agreement to your email address.

UNIVERSITY OF MARIBOR  
INTERNATIONAL RELATIONS OFFICE

Slomškov trg 15  
2000 Maribor  
Slovenia

T: +386 2 23 55 322

E: [incoming.erasmus@um.si](mailto:incoming.erasmus@um.si)

**You can also contact the UM FHS Erasmus Coordinator**  
**[aleksandra.lovrencic@um.si](mailto:aleksandra.lovrencic@um.si)**

# ERASMUS

*study at University of Maribor*





EDUCATIONAL ACTIVITY

# UNDERGRADUATE STUDY PROGRAMME NURSING CARE

Study programme title

**Nursing Care**

Type

**Professional (Undergraduate)**

Cycle

**First**

Duration

**3 years (6 semesters)**

Scope

**180 ECTS**

Head of the study programme

**Sr Lect Barbara Kegl, MSc**



The first cycle professional study programme Nursing Care enables students to acquire knowledge about the treatment of patients by studying theoretical and methodological concepts, the ability to transfer and apply theoretical knowledge in practice and solve professional, work and other problems, especially by finding new sources of knowledge and scientific methods, developing the ability to communicate in the profession and between professions, professional and scientific criticism and responsibility, initiative and independence in decision-making and leadership of the nursing team. The study programme is comparable with the European directives for the regulated profession (77/452, 77/453, 2005/36 / EC and 2013/55 / EU) and with the Bologna Declaration, which enables the employment of graduates in all member states of the European Union.



We give students an excellent starting point in the form of competencies and professional values, on the basis of which, after completing their studies, they are skilled as competent and caring nursing staff in all areas of nursing. The emphasis is mainly on a professional attitude towards work, general education, independent thinking, the ability to make quick and correct decisions, while not forgetting the heart culture and sensitive and ethical attitude towards both - patients and colleagues in the nursing and health care team. Graduates are qualified to independently perform the profession at the primary, secondary and tertiary level of health care.

## SYLLABUS

### FIRST YEAR

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Majda Pajnikihar	Nursing Care	9
Martin Marinšek	Anatomy, Physiology, Pathology	6
Mateja Lorber, Gregor Štiglic	Introduction to Research and Information Communication Technology	3
Aleš Fajmut, Sabina Fijan	Biophysics, Biochemistry and Microbiology	3
Mateja Lorber	Older People Nursing Care with Geriatrics and Palliative Care	3
Nataša Mlinar Reljić	Clinical Training 1	6
<b>TOTAL</b>		<b>30</b>

#### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Zvonka Fekonja, Suzana Kraljić	Ethics, Philosophy and Legislation of Health Care	3
Maksimiljan Gorenjak, Polonca Drofenik	Laboratory Diagnostics and Pharmacology	3
Maja Strauss, Ksenija Ekart	Health Promotion, Nutrition and Clinical Dietetics	3
Jožica Černe Kolarič	Clinical Training 2	15
	Elective Course	3
	Elective Course	3
<b>TOTAL</b>		<b>30</b>
<b>1ST YEAR TOTAL</b>		<b>60</b>

## ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Nataša Mlinar Reljić	Spiritual care in Health Care	3
Petra Klanjšek	Ergonomic Approaches in Health Care	3
Sonja Šostar Turk	Environmental Impact on Health Protection	3
Barbara Donik	Communication in Health Care	3
Gregor Štiglic	Health Information Systems	3
Barbara Majcenovič Kline, Vida Jesenšek	English Language/German Language	3

## SECOND YEAR

### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Majda Pajnkihar	Nursing Care of Children and the Young with Paediatrics	6
Nataša Mlinar Reljić	Nursing Care of Women with Gynaecology and Obstetrics	3
Anton Koželj	Emergency Medical Assistance	3
Sergej Kmetec	Nursing Care Of Internist Patient With Internal Medicine	6
Anton Koželj	Clinical training 3	12
<b>TOTAL</b>		<b>30</b>

### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Nataša Mlinar Reljić, Margaret Denny	Psychology in Health Care	3
Sonja Šostar Turk, Karl Turk	Public Health with Epidemiology and Hygiene	3
Jasmina Nerat	Clinical Training 4	18
	Elective Course	3
	Elective Course	3
<b>TOTAL</b>		<b>30</b>
<b>2ND YEAR TOTAL</b>		<b>60</b>

### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Barbara Donik	Transcultural Nursing and Midwifery	3
Mateja Lorber	Managing Chronic Diseases	3
Lea Knez	Infectious Diseases and Healthcare-Associated Infections	3
Sabina Fijan	Probiotics and Beneficial Microbes in Nutrition	3
Martina Horvat	Public Health Nursing	3

### THIRD YEAR

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Barbara Donik	Surgical Nursing with Surgery and Oncology	6
Klavdija Čuček Trifkovič	Nursing Care and Mental Health with Psychiatry	3
Barbara Kegl	Nursing Care in Home Nursing and Outpatient Nursing Care	3
Jana Goriup	Sociology of Health and Illnes	3
Mateja Lorber	Management, Quality and Safety in Health Care	3
Dominika Vrbnjak	Research and Evidence Based Practice in Nursing Care	3
Barbara Kegl	Clinical Training 5	9
<b>TOTAL</b>		<b>30</b>

#### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Klavdija Čuček Trifkovič	Supervision in Healthcare	3
Maja Strauss	Clinical Training 6	15
	Free Elective Course	6
Sergej Kmetec	Final Work	6
<b>TOTAL</b>		<b>30</b>
<b>3RD YEAR TOTAL</b>		<b>60</b>

#### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Barbara Donik	Nursing and Midwifery Care in Intensive Care Unit	3
Gregor Štiglic	Virtual Simulation in Health Care	3
Anton Koželj	Medical Treatment of Vitally Threatened Patients	3
Leona Cilar Budler	Nursing Care of Persons with Intellectual Disabilities	3
Blaž Brdnik	Perioperative nursing	3
Sabina Fijan, Mateja Lorber	Acquisition, Management and Implementation of Projects	3

# POSTGRADUATE STUDY PROGRAMMES

## NURSING CARE

Study programme title

**Nursing Care**

Type

**Master's (Postgraduate)**

Cycle

**Second**

Duration

**2 years (4 semesters)**

Scope

**120 ECTS**

Head of the study programme

**Prof Sonja Šostar Turk, PhD**

University of Maribor Faculty of Health Sciences carries out the 2<sup>nd</sup> cycle study programme Nursing Care with seven study fields.

In the academic year 2025/2026, UM FHS offers three study fields:

- Nursing Care
- Emergency Situations in Health Care
- Mental Health in Advanced Nursing Practice



The development of health sciences, globalization of the European and world space requires the constant adaptation of the higher education and research system. Society expects a lot from nurses, so it is necessary to pay special attention to their education which has to be in line with the importance, responsibility and increasing complexity of their role. In the process of educating nurses, it is necessary to formulate the standpoint that their function rises to a higher quality level of management of the entire nursing process. Through her activity, the nurse realizes the educational function of students as well as patients and their relatives, therefore the University of Maribor Faculty of Health Sciences developed the postgraduate 2<sup>nd</sup> cycle study programme Nursing Care. The programme is an upgrade of the undergraduate 1<sup>st</sup> cycle professional study programme Nursing Care.

Graduates can be employed in all EU member countries.

# NURSING CARE

## Study field NURSING CARE

Mode of study: full time and part time



The second cycle study programme Nursing Care – study option Nursing Care enables acquisition of more demanding forms of knowledge and ability to take on complex and responsible work tasks in nursing and healthcare. The acquired knowledge includes developing and applying practice based on scientific evidence, providing safe, effective and economical patient care, leading nursing teams and communication, mentoring nursing students and nursing team members, promoting health, ethics and nursing.

The study enables students to deepen their knowledge in the professional and scientific field, to reflect on knowledge to connect research, models and theories and practice of nursing care for the development of the discipline and profession of nursing. They are trained in empirical analysis in health care and nursing, organizing, managing and supervising the activities of the nursing service to ensure quality patient care.



## SYLLABUS

### FIRST YEAR

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Majda Pajnkihar, Sonja Šostar Turk	Research and Research Methodology	9
Majda Pajnkihar	Theories, Concepts and Practice of Nursing	9
Dominika Vrbnjak	Evidence Based Nursing	6
Tit Albreht	Health Promotion and Primary Health Care	6
<b>TOTAL</b>		<b>30</b>

### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Martin Marinšek	Health Assessment of a Patient	6
Matej Strnad	Therapeutic Interventions in Nursing Care	6
	Elective Course 1	6
	Elective Course 2	6
	Elective Course 3	
<b>TOTAL</b>		<b>30</b>
<b>1ST YEAR TOTAL</b>		<b>60</b>

### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Bojan Borstner	Philosophy and Ethics in Healthcare	6
Suzana Kraljić	Legal Questions in Nursing Care	6
Mateja Pšunder	Education with the Basis of Andragogics	6
Ruža Pandel Mikuš	Importance of Nutrition for Health Protection and Prevention	6
Maša Knez Marevci	Chemistry and Technologies in Health Science	6
Margaret Denny	Basics of Counselling in Nursing	6
Margaret Denny, Hojka Gregorič Kumperščak	Working with Children with Special Needs	6
Jadranka Stričević, Bojan Rosi	Logistics in Health Care and Nursing	6
Sonja Šostar Turk	The Impact of Environmental Changes on Human Health	6

## SECOND YEAR

### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Mateja Lorber	Management and Leadership in Nursing	6
Branko Lobnikar, Dominika Vrbnjak	Quality and Safety in Health and Nursing Care	6
Gregor Štiglic	Informatics in Health and Nursing Care	6
	Elective Course 1	6
	Elective Course 2	6
<b>TOTAL</b>		<b>30</b>



### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Dominika Vrbnjak	Master Work	12
Branko Gabrovec, Sonja Šostar Turk	Public Health	6
	Elective Course 3	6
	Free Elective Course	6
<b>TOTAL</b>		<b>30</b>

### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Sonja Šostar Turk	Planning and Running the Projects	6
Andreja Möller Petrun	Perioperative Nursing Care	6
Mateja Lorber	Gerontological Nursing	6
Igor Karnjuš	Simulations in Health and Nursing Care	6
Jadranka Stričević	Specific Ergonomic Approaches in Health Care and Nursing	6
Aleš Fajmut	Biomedical Technology	6
Nataša Mlinar Reljić	Spiritual Care	6
SUMMER SEMESTER		
Roger Watson, Dominika Vrbnjak	Writing, Publishing and Promoting of Scientific Research Work	6
Majda Pajnkihar, Dominika Vrbnjak	Advanced Qualitative Research	6
Gregor Štiglic	Advanced Quantitative Research	6
Dominika Vrbnjak	Introduction to Mixed Methods Reserach	6
Majda Pajnkihar, Dominika Vrbnjak	Models, Theories and Concepts for Population Health	6
Dominika Vrbnjak	Evidence for Health and Social Care	6



# NURSING CARE

## Study field EMERGENCY SITUATIONS IN HEALTH CARE

Mode of study: full time and part time



The study option Emergency Situations in Health Care enables students an education to work in teams for the critically ill and severely injured in the pre-hospital (family medicine clinics, pre-hospital units, motorcycle ambulance, helicopter emergency medical unit) and hospital environment (emergency department, intensive care units and intensive care). The development of emergency medicine and the establishment of unified emergency centers throughout the country affects the organization of emergency medical services at the primary and secondary level with the aim of continuous, quality care of the patient / injured from the accident place to the hospital bed.



The study provides targeted education of students to work in teams and partially independent decision-making of critically ill and severely injured people. Students acquire knowledge for working in complex and unpredictable circumstances, for independent work and work in medical teams to deal with complex professional issues, critical assessment of patients in emergencies in health care, for quality and reliable early triage of patients and injured in the field and emergency centers with knowledge of assessment scales and for the implementation of emergency diagnostic procedures and participation in therapeutic measures in the field and in the emergency center.

## SYLLABUS

### FIRST YEAR

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Majda Pajnkihar, Sonja Šostar Turk	Research and Research Methodology	9
Majda Pajnkihar	Theories, Concepts and Practice of Nursing	9
Dominika Vrbnjak	Evidence Based Nursing	6
Radko Komadina	Disaster Management	6
<b>TOTAL</b>		<b>30</b>

#### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Matej Strnad	Clinical Pathophysiology in Emergency Medicine	9
Matej Strnad	Monitoring and Maintenance of Critically Ill's Vital Functions	9
	Elective Course 1	6
	Elective Course 2	6
<b>TOTAL</b>		<b>30</b>
<b>1ST YEAR TOTAL</b>		<b>60</b>

#### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Matej Strnad	Medical Dispatching	6
Bojan Borstner	Selected Ethical Topics n Emergency Nursing	6
Darko Marčinko	Mood Disorders and Psychiatric Disorders	6
Polona Selič - Zupančič	Effective Communication and Coping in Special Working Circumstances	6

## SECOND YEAR

### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Andreja Sinkovič, Vojko Flis	Medical and Surgical Emergencies	9
Uroš Maver, Dominika Vrbnjak	Pharmacology, Toxicology and Therapeutic Interventions	9
Matej Strnad	Emergency Triage	6
Matej Strnad	Simulation in Emergency Medicine	6
<b>TOTAL</b>		<b>30</b>

### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Dominika Vrbnjak	Master Work	12
	Elective Course 1	6
	Elective Course 2	6
	Free Elective Course	6
<b>TOTAL</b>		<b>30</b>
<b>2ND YEAR TOTAL</b>		<b>60</b>

### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Nataša Marčun Varda	Emergency Situations in Paediatrics	6
Matej Strnad	Emergency Care of the Elderly	6
Andreja Sinkovič	Emergency Situations in Medical Intensive Care	6
Vojko Flis	Emergency Situations in Surgical Intensive Care	6
Matej Strnad	Therapeutic Interventions in Emergency Care	6
Nevenka Krčevski Škvarč	Emergencies in Pain Management and Palliative Care	6

## NURSING CARE

### Study field MENTAL HEALTH IN ADVANCED NURSING PRACTICE

Mode of study: full time and part time



The field of mental health is one of the leading public health problems at European Union level, with more than a tenth of Europeans suffering from mental disorders each year. The burden of mental illness presents a great loss and burden on the economic, social, educational as well as criminal and judicial systems.

The study provides education to students for advanced holistic mental health assessment and clinical decision making, treatment of addiction, suicide and suicidal behaviours, psychiatric emergency treatment, individual and community mental health, and health psychology. The student will expand knowledge in the field of advanced practice, namely nursing science with theoretical foundations, research and evidence-based practice, anatomy, physiology and pathophysiology, applied pharmacology, holistic assessment of health and clinical decision making, interpersonal relationships and therapeutic communication, leadership and management for quality and safe treatment and health prevention and promotion. It also allows clear career development of a nurse in the health system and is comparable to the education of nurses in west European countries.



## SYLLABUS

### FIRST YEAR

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Majda Pajnkihar, Sonja Šostar Turk	Research and Research Methodology	6
Majda Pajnkihar	Theories, Concepts and Practice of Nursing	6
Dominika Vrbnjak	Evidence Based Nursing	6
Martin Marinšek	Anatomy, Physiology and Pathophysiology in Advanced Practice	6
<b>TOTAL</b>		<b>30</b>

### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Klavdija Čuček Trifkovič	Mental Health in Advanced Nursing Practice	6
Leona Cilar Budler	Holistic Mental Health Assessment and Clinical Decision Making	6
Tina Maver	Pharmacology with Toxicology	6
	Elective Course 1	6
	Elective Course 2	6
<b>TOTAL</b>		<b>30</b>
<b>1ST YEAR TOTAL</b>		<b>60</b>

### ELECTIVE COURSES

#### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Darko Marčinko	Mood Disorders and Psychiatric Disorders	6
Sonja Šostar Turk	The Impact of Environmental Changes on Human Health	6
Branko Bregar	Addiction Diseases	6
Vita Poštuvan	Suicides and Suicidal Behaviors	6
Vojko Kavčič	Mental Health of the Elderly	6
Hojka Gregorič Kumperščak	Mental Health of Children and Adolescents	6
Hojka Gregorič Kumperščak	Clinical Assessment of the Mental State of Children and Adolescents	6
Leona Cilar Budler	Intellectual Disabilities	6

### SECOND YEAR

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Mateja Lorber	Management and Leadership in Nursing	6
Miro Jakovljevič	Psychopharmacology	6
Leona Cilar Budler	Clinical Practice	6
	Elective Course 1	6
	Elective Course 2	6
<b>TOTAL</b>		<b>30</b>

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Karin Bakračević	Health Psychology	6
Dominika Vrbnjak	Master Work	12
	Elective Course	6
Vrbnjak	Free Elective Course	6
<b>TOTAL</b>		<b>30</b>
<b>2ND YEAR TOTAL</b>		<b>60</b>

ELECTIVE COURSES

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Gregor Štiglic	E-Health	6
Darko Marčinko	Forensic Psychiatry	6
Špela Selak	Mental Health Counseling	6
Miro Jakovljević	Community Mental Health	6
Vesna Rijavec	Law and Ethic	6
Nataša Mlinar Reljić	Spiritual Care	6
Klavdija Čuček Trifković	Supervision	6

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Roger Watson, Dominika Vrbnjak	Writing, Publishing and Promoting of Scientific Research Work	6
Majda Pajnkihar, Dominika Vrbnjak	Advanced Qualitative Research	6
Gregor Štiglic	Advanced Quantitative Research	6
Dominika Vrbnjak	Introduction to Mixed Methods Reserach	6
Majda Pajnkihar, Dominika Vrbnjak	Models, Theories and Concepts for Population Health	6
Dominika Vrbnjak	Evidence for Health and Social Care	6

# MANAGEMENT IN HEALTH AND SOCIAL WELFARE

Study programme title

**MANAGEMENT IN HEALTH AND SOCIAL WELFARE**

Type

**Master's (Postgraduate)**

Cycle

**Second**

Duration

**2 years (4 semesters)**

Scope

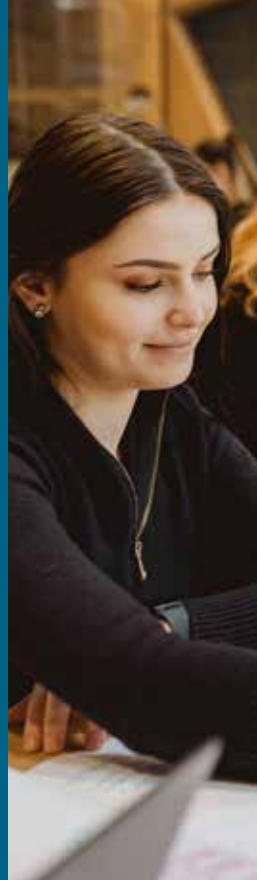
**120 ECTS**

Mode of study

**Full time and part time**

Head of the study programme

**Assoc Prof Mateja Lorber, PhD**



Modern management is a product and one of the fundamental components of modern societies. Without management methods and techniques, there would be no successful and effective organizations in various areas of human activity. The significant role of contemporary management in the development of modern organizations is also the reason for the constant generation of new knowledge in this field and thus also new organizational forms.

The study programme considers the specifics present in the health and social field, i.e. patients, residents of social care and other institutions and employees.

The study enables students to acquire in-depth knowledge in the professional and scientific field of management in health and social care and the ability to take responsibility for managing the most demanding work systems, competent and flexible management at the strategic and operational level and organizational change of institutions, according to requirements and changes in environment.



Place of Study: MARIBOR, Slovenia

## SYLLABUS

### FIRST YEAR

(in academic year 2025/2026 carried out by the Faculty of Health Sciences)

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Sonja Šostar Turk, Gregor Štiglic	Research Methodology in Health and Social Organizations	9
Polona Šprajc	Management of Health Care and Social Organizations	9
	Elective Course I	6
	Elective Course II	6
<b>TOTAL</b>		<b>30</b>

### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Rajkovič, Štiglic	Information and Communication Technologies in Health Care and Social Organizations	6
Borstner, Kraljič	Ethical Aspects in Health and Social Care Organizations and Legislation	6
Maletič	Quality In Health and Social Organizations	6
	Elective Course III	6
	Elective Course IV	6
<b>TOTAL</b>		<b>30</b>
<b>1ST YEAR TOTAL</b>		<b>60</b>

### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Polona Šprajc	Intercultural Management	6
Damjan Maletič	Asset Management in Health and Social Care Organisations	6
Domjnika Vrbnjak, Majda Pajnkihar	Theories and Evidence-Based Health and Social Care	6
Ivan Eržen	Fundamental Aspects of Epidemiology as Base for Planning	6
SUMMER SEMESTER		
Stričević	Ergonomic Approaches in Health and Social Care	6
Vavtar	Legal Regulation in Health and Social Organizations	6
Selak	Mental Health Care in Health and Social Welfare	6
Tement	Psychological Approaches to Leadership	6

Place of Study: KRANJ, Slovenia

## SECOND YEAR

(in academic year 2025/2026 carried out by the Faculty of Organisational Sciences)

### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Tomaž Kern	Process Management in Health and Social Organizations	9
Nevenka Maher	Economics of Health Care and Social Organizations	6
Marko Ferjan	Human Resource Management and Communication in Health and Social Organizations	9
Sonja Šostar Turk	Environmental Impact on Health	6
<b>TOTAL</b>		<b>30</b>

### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Goran Vuković	Systems of Human Resource Development in Health and Social Organizations	9
Mateja Lorber, Matjaž Maletič	Master Thesis	15
	Freely Elective Learning Unit	6
<b>TOTAL</b>		<b>30</b>
<b>2nd Year Total</b>		<b>60</b>

### ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Matjaž Maletič	Corporate Social Responsibility in Health and Social Care Organisations	6
Mojca Dobnik	Risk Management in Health and Social Organizations	6
Iztok Podbregar, Mateja Lorber	Management and Leadership in Nursing	6

# BIOINFORMATICS

Study programme title

**BIOINFORMATICS**

Type

**Master's (Postgraduate)**

Duration

**2 years (4 semesters)**

Scope

**120 ECTS**

Mode of study

**Full time and part time**

Head of the study programme

**Doc. dr. Aleš Fajmut**



The study of bioinformatics is an interdisciplinary study program that combines the fields of healthcare, informatics, and natural sciences. The program is conducted in collaboration with the University of Maribor, Faculty of Electrical Engineering and Computer Science.

The study enables the use of information and communication technology in the study of genomics and proteomics with the aim of disease prevention and treatment. Bioinformatics also plays a crucial role in the development of new genetically sensitive drugs, understanding the processes of living organisms—especially humans—and is particularly important in genome research due to the vast amount of complex data involved in such studies.

Students will acquire in-depth knowledge in the fields of bioinformatics, genomics, proteomics, computer algorithms, the development of biometric applications, applications of molecular and cell biology methods, biochemistry, biophysics, biomedicine, medical and health informatics, solving biomedical problems, and the use of information technologies for storing, analyzing, synthesizing, and visualizing genomic and proteomic data.



## SYLLABUS

### FIRST YEAR

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Uroš Potočnik	Genomics	6
Gregor Štiglic	Advanced Research Methodology	6
<b>MODUL IKT*</b>		
Uroš Mlakar	Evidence Based Nursing	6
Milan Zorman	Health Promotion and Primary Health Care	6
Muhamed Turkanović	Databases	6

LECTURER	SUBJECT	ECTS
<b>MODUL BIO*</b>		
Mario Gorenjak	Basics of Molecular Genetics	6
Urban Bren, Marko Jukić	Chemistry With Basic Pharmacy	6
Helena Sabina Čelešnik, Milan Zorman	Introduction to Life Sciences	6
SUMMER SEMESTER		
Uroš Potočnik	Applications of Bioinformatics In Genomics	9
Milan Zorman, Vili Podgorelec	Machine Learning	6
Aleš Fajmut	Experimental Methods in Biophysics	3
Urban Bren	Structural Bioinformatics	6
Domen Mongus	Selected Combinatorial Algorithms	6
<b>TOTAL</b>		<b>60</b>

\* A student, who has completed a first-cycle study program in the field of health-care (091) or biological and related sciences (051), chooses ICT modul. A student who has completed a first-cycle study program in other fields selects the BIO modul.

## SECOND YEAR

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Aleš Fajmut	Biophysical Modeling and Simulations	6
Uroš Potočnik	Transcriptomics	6
Boštjan Brumen	Data Management	6
	Elective course from the set of elective courses of the study field	6
	*Free elective course	6
SUMMER SEMESTER		
Uroš Potočnik	Bioinformatics and Multi-Omic Research Research	6
Gregor Štiglic	Multivariate Statistical Methods	6
Aleš Fajmut	Master Thesis	6
<b>TOTAL</b>		<b>60</b>

## ELECTIVE COURSES

LECTURER	COURSE	ECTS
Damjan Glavač	Applied Bioinformatics in Medical Genetics	6
Saška Lipovšek	Selected Chapters From Cell Biology	6
Damjan Glavač	Proteine Structures and Proteomics	6
Mario Gorenjak	Pharmacogenomics	6
Uroš Potočnik	Recombinant DNA Technology	6
Aleš Fajmut	Modeling And Simulations in Health Science	6
Urban Bren	Computer-Aided Drug Design	6
Helena Sabina Čelešnik	Applied Genetics in Biomedical Technology	6
Sonja Šostar Turk	Environmental Health	6
Aleš Zamuda	Cloud Computing	6
Borut Žalik	Computer Multimedia	6
Milan Zorman	Lean Management in Engineering	6
Marjan Mernik	Evolutionary Computation	6
Danilo Korže	Optimization Methods	6
Marjan Heričko	Development of Information Systems and Services	6
Sašo Karakatič	Data-Driven Innovations	6
Tina Beranič	Dependability And Testing of IS	6
Marko Hölbl	Data Protection and Cybersecurity	6
Boštjan Šumak	Service Oriented Architectures	6

\*A student can choose a freely elective course from the selection of elective courses offered within the Bioinformatics study program, from other study programs at UM FHS and UM FERi, from other faculties of the University of Maribor, or from other universities.





# DOCTORAL STUDY PROGRAMME NURSING CARE

Study programme title

**NURSING CARE**

Type

**Doctoral (Postgraduate)**

Cycle

**Third**

Duration

**3 years (6 semesters)**

Scope

**180 ECTS**

Mode of study

**Part time**

Head of the study programme

**Prof Majda Pajnkihar, PhD, FAAN, FEANS**



The third cycle study programme Nursing Care enables students to gain an education from the field of nursing care. Students will be able to develop scientific research work (independent research work based on a specific problem), models, procedures and processes of nursing as a core of knowledge for practice and education. This will enable the connection of theoretical models and concepts in practice and the application of scientific evidence, which is the basis for evidence-based health care.

The third cycle study programme Nursing Care stands as a core of future development of scientific-research work at higher education and research institutions and will enable to reduce the gap between theory and practice and the development of science to support the development of nursing care as a scientific discipline in Slovenia.

The doctoral study programme enables a deeper understanding of theoretical and methodological concepts, qualification for independent development of new core knowledge and solving most demanding problems with testing and improving known, and developing new solutions, to lead most demanding work systems and scientific-research projects of a vast professional or scientific field



## SYLLABUS

### FIRST YEAR

#### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Hugh McKenna, Sonja Šostar Turk	Nursing and Methods of Scientific Research	6
Majda Pajnikihar, Hugh McKenna	Theories, Concepts and Practice of Nursing Care	6
Majda Pajnikihar	Advanced Qualitative Research Methods	6
	Individual research work I	3
Roger Watson, Dominika Vrbnjak	Transferable Knowledge	3
	Elective Course 1	6
<b>TOTAL</b>		<b>30</b>

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Dominika Vrbnjak	Evidence Based Nursing	9
Gregor Štiglic	Advanced Quantitative Research Methods	6
	Elective Course 2	6
	Elective Course 3	6
	Individual research work II	3
<b>TOTAL</b>		<b>30</b>
<b>1ST YEAR TOTAL</b>		<b>60</b>

WINTER AND SUMMER SEMESTER ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Mateja Lorber	Gerontological Nursing Care	6
Brendan McCormack	Person-Centred Practice	6
Pam Smith	Caring and Emotional Work in Nursing	6
John Wells	Quality in Health and Nursing Care	6
Arun Sigurðardóttir	Care of People with Chronic Illness	6
Dušana Mičetić Turk	Children, Adolescents and Family	6
Nada Kozjek Rotovnik	Preventive and Clinical Nutrition	6
Gemma Stacey	Supervision	6
Gregor Štiglic	Predictive Modelling in Health Care	6
Suzana Kraljić	Legal Aspects in Nursing Care	6
Miljenko Križmarić	Healthcare Technology	6
Bojan Rosi	Logistics in Health Care	6
Majda Pajnkihar, Dominika Vrbnjak	Caring science and art for quality and safety of patient care	6
Roger Watson	Development and Validation of Quantitative Research Instruments	6
Dominika Vrbnjak	Mixed Methods Research in Nursing	6
Fiona Timmins	Reflective Practice in Nursing Education	6
Andreas Chalarambous	Oncology Nursing	6

Sonja McIlfatrick	Understanding Palliative and End of Life Care	6
Marlaine C. Smith	Caring Science: Transforming Practice Environments	6
Branko Gabrovec	Public Health and Healthy Aging	6
Mark Hayter	Adolescent Health – research, practice and service design	6
Ruth Northway	Identifying and meeting the needs of people with intellectual disabilities	6
Alvisa Palese	Measuring nursing care effects on patients	6
Erika Zelko	The impact of health literacy (“death literacy”) on the involvement of palliative care in the treatment of patients in the last period of life	6
Nataša Mlinar Reljić	Spirituality and spiritual care in nursing	6
Mateja Krajc	Public Health Genetics – interdisciplinary approach in hereditary cancer assessment	6
Alan Finnegan	Young Men’s Mental Health and Wellbeing. Lessons Learnt from the Military Research	6

\*\* Elective courses are carried out in the form of e-lectures and e-seminars

## SECOND YEAR

### WINTER SEMESTER

LECTURER	SUBJECT	ECTS
	Individual research work III*	24
	Seminar I	6
<b>TOTAL</b>		<b>30</b>

\* individual consultation with a mentor

### SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
	Individual research work IV	24
	Seminar II	6
<b>TOTAL</b>		<b>30</b>
<b>2ND YEAR TOTAL</b>		<b>60</b>

\* individual consultation with a mentor

THIRD YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
	Individual research work V*	24
	Seminar III	6
<b>TOTAL</b>		<b>30</b>

\* individual consultation with a mentor

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
	PhD Thesis	30
<b>TOTAL</b>		<b>30</b>
<b>3RD YEAR TOTAL</b>		<b>60</b>

\* individual consultation with a mentor

Prior to enrolment, the student chooses a mentor and has a written draft of the topic of the doctoral dissertation or a selected narrow field in which he intends to write the PhD thesis.



## Conditions for completing the study

The student will complete the study when he/she fulfils all the obligations stipulated by the study program and writes and successfully defends his / her doctoral dissertation, thus collecting a total of at least 180 ECTS. The condition for the completion of the 3rd cycle study program in Nursing Care is the successful defence of a doctoral dissertation in accordance with the Statute of the University of Maribor and the Rules and Regulations on Doctoral Studies at the University of Maribor. The candidate will be able to defend the doctoral dissertation after completing the doctoral study obligations (i.e. when he / she has applied for a doctoral topic and written a doctoral dissertation and received a positive evaluation of the dissertation evaluation committee in accordance with the rules). In particular, the doctoral dissertation must satisfy the condition of originality and must represent an original scientific contribution in the field it deals with. In addition, the results and methodology of the dissertation must be subjected to critical review by the international scientific community, by publishing an article in one of the publications from Science Citation Index (SCI) list, before being promoted to the title of "Doctor of Science".





## STUDENT COUNCIL AT UM FHS

At the University of Maribor Faculty of Health Sciences, students strive to actively and, in as large a number as possible, participate in extracurricular activities, projects, promotions, etc. and are members of commissions, through which they participate in the management of the Faculty of Health Sciences and the University of Maribor.

### Core activities:

- maintaining connectivity and communication between students of the Faculty of Health Sciences;
- promotion of the University of Maribor Faculty of Health Sciences and the field of nursing care;
- development of individuals;
- organization of social (Freshman Party, motivational weekend ...) and charity events (blood donation, help to the socially disadvantaged ...) and promotion of a healthy lifestyle (health week, no elevator day ...).

### Student Council:

- discusses and gives opinion on all general and specific issues of higher education activities of the university member in relation to the rights and duties of students;
- elects representatives in the University of Maribor Student Council;
- gives an opinion on the candidates for a dean or candidates for director of another university member;
- performs other tasks if so provided by law, statute or other general act of the university.



Študentski svet UM FZV



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INTERNATIONAL COOPERATION

**International activity at the Faculty for Health Sciences is the core that connects the development of educational, research, professional and development work at the faculty.** In recent years, the faculty has managed to establish active partnerships and cooperation with reputable and recognizable educational, scientific-research and clinical institutions at the global level.

International cooperation in the field of education is reflected in the development of current, modern and internationally comparable study programmes at all levels of education. Internationally recognized professors are also involved in education and the transfer of good practices at the faculty into existing and newly designed study programmes. At the faculty we have many years of experience in organizing and conducting clinical exercises in foreign health institutions abroad. **In 2022 and 2023, UM FHS organized blended intensive programs as an alternative, shorter mobility for students, namely an international one-week summer school. It enabled students for professional, inter-university and interpersonal networking. The organisers of the summer school not only offered students excellent content but also strived for an unforgettable stay in Maribor and Slovenia.**

The international activity of the faculty closely connected it with partner and recognized foreign institutions in the field of scientific research. Scientific research work and mutual cooperation of higher education teachers and associates, researchers and students of our faculty at partner institutions abroad has been established. The results of international activity are evident in many active and completed research projects.

The international involvement of the faculty enables our employees and students to study at foreign universities, in the clinical and research environment in the field of health sciences. It allows students to choose mentors from a wide range of international universities. The number of international mobility for students and staff in the programme is growing yearly, as well as the number of bilateral agreements and projects with partner institutions and the number of foreign visiting professors. **International mobility is also facilitated by inter-institutional agreements, the Slovenian NFM EEA Scholarship Fund, CEEPUS networks, participation in projects, summer and winter schools and similar programmes.**

Diverse international cooperation also enables us to yearly organize our traditional international scientific conference "Research and education in nursing care", where higher education teachers and students from reputable foreign and domestic universities present current scientific research contributions for safe, effective, humane and person-centred health care.



# ERASMUS+

**Paula Väärälä  
& Elina Penttinen  
from Rovaniemi, Finland**

Slovenian people are very friendly and curious, always ready to lend a helping hand. Everything went very smoothly with the Faculty of Health Sciences; they listened to our wishes and arranged many learning opportunities in the Slovenian health care. It was interesting to notice resemblances and differences in the healthcare field between Finland and Slovenia. Our two months in Slovenia were the best experience we've ever had and fully exceeded our expectations. We can wholeheartedly recommend visiting Slovenia and its many wonders. There are so many reasons for us to come back again! See you in sLOVEnia!



**Denise Silva  
from Albergaria-a-Velha, Portugal**

The main motivations behind my application for the Erasmus+ program were the following: the opportunity to travel to another country and experiencing a new culture, sharing my own, improving my curriculum and developing my relational, technical and cognitive skills consequently acquire new ones, which I have successfully achieved. Additionally, this program also allowed me to develop my English language skills because only with practice can we evolve and learn. Without a doubt a unique experience that I will no longer have the opportunity to repeat and will remain in my memory forever. For all the above, I feel I made the right choice by being an Erasmus+ student at the Faculty of Health Sciences Maribor. I grew as a student, a future nurse and as a person.



**Iulia Adela Bilovolschi  
from Brasov, Romania**

The 5 months I spent in Maribor during the summer semester were by far the best months of my life! I enjoyed every moment in Slovenia, I met a lot of new people, learned so many new things, made a lot of friends and I traveled to so many places. I want to send a huge "Hvala lepa" (= Thank you very much) to all my professors and our Erasmus coordinator. For sure Slovenia is the best country you can choose to do your Erasmus: it's in Central Europe, it's not expensive, and it has many beautiful places you can visit. Maribor is a very nice town with a special charm, it has a great Erasmus vibe and you will never regret it if you choose it. I recommend everyone to do their Erasmus in Slovenia, Maribor. I left a piece of my heart there, I will never forget it. Se vidimo, Maribor! Ljubim te!



**Teresa Wen Ruiz Mateo from Cádiz, Spain**

I came to Maribor without any expectations but I was pleasantly surprised. Maribor is a little, calm and beautiful city. It has a special charm and I love it. There is a great atmosphere for Erasmus students. There are organized a lot of activities for us, including a trip around all of Slovenia (I highly recommend to do this). In this way, I got to make a lot of friends and met many people from all around Europe and that is so cool because I learned about different cultures.

Besides, Maribor is perfectly located if you like to travel because Slovenia is in the center of Europe and the Erasmus is the perfect chance to visit European countries. I know that doing the Erasmus in Maribor is one of the best decisions that I ever made and that I will never forget this experience.





RESEARCH ACTIVITY



An important mission of UM FHS, in addition to the implementation of educational work, is also the activity in the field of scientific research, in which the faculty has experienced great development in recent years. The success and quality of research work at UM FHS is mainly reflected in the increased number of acquired international, bilateral and national projects in various fields, in the preparation of new projects and the increase in additional employment in the field of research. Research in various fields of health care is one of the key competencies that our students acquire during their studies.

Research activity at UM FHS represents an important link between practice and education and in this way contributes to the recognizable social development of the discipline of nursing and health care. It is necessary to point out many areas that interdisciplinary research work at UM FHS is linked with. The faculty is connected through its research work with a large number of UM faculties, as well as with a wide network of international partner institutions.

Four institutes (Institute for Nursing Care, Research Institute, Institute for Balneology and Climatology and Institute for Health and Nutrition), in addition to organizing and conducting scientific research work, also take care of international cooperation and cooperation with other organizations, organizing various events to acquaint students and staff through research work, involving students in research work and transferring knowledge into practice.

### **Domestic and international projects**

In recent years, UM FHS has significantly enhanced its international engagement, as evidenced by the increased number of submitted and accepted projects. A total of 148 project applications were submitted, and nearly half of them were accepted. Most of the projects involve students and researchers from various UM FHS research groups.

### **Student projects**

UM FHS strives to involve students as actively as possible in research work and thus enables them to gain many practical experiences and skills, new knowledge and competencies for their work. Students' research work also contributes to raising awareness and promoting health and a healthy lifestyle. We encourage students to get involved in research work and cooperation with researchers from UM FHS within student projects and other projects at the faculty. This way, students also participate in publishing research work.

### **Research afternoon**

UM FHS also organizes "Research Afternoons", during which higher education teachers, researchers, students, graduates and external collaborators meet and present various research work and achievements from various research fields in which UM FHS researchers are active. With such events we want to bring the research work closer to all participants in the pedagogical and research process and thus enable better and easier interdisciplinary connection of research groups within UM FHS with students and external collaborators.

## Research environment

At the faculty, we strive to provide students and employees with a positive work environment, within which we include innovative teaching methods and modern learning environments.

## Center for simulated clinical environment

Simulation is a modern method of learning and teaching and plays an important role, especially in nursing care, as it prepares students for practical situations that they will encounter in a hospital environment and in this way ensuring patient safety. UM FHS has a state-of-the-art simulation centre that enables learning and research work on professional medical simulators.

## VR Plac(e)

VR Plac(e) is a modern learning space that provides students with the experience of simulated clinical situations and training in a safe, controlled environment. Using advanced virtual technology, students can practice procedures, recognize clinical symptoms, and enhance their healthcare skills without putting patients' health at risk. This innovative learning approach allows for a deeper understanding of theoretical concepts while simultaneously developing practical competencies.

## Integrating gamification into the learning process

In addition to simulation, the presence of gamification, which represents a new strategy of teaching and learning by including elements of games, is also gaining ground in the learning process and in the field of research work. By including gamification in the course units, we want to motivate students and encourage them to participate more actively. Gamification is provided using a variety of interactive tools.

## Laboratory

Students of the University of Maribor, Faculty of Health Sciences are able to use the laboratory for microbiology and molecular biology, where they can perform practical work under assistant's supervision. The laboratory is equipped with modern equipment and provides the use of a dry heat sterilizer, autoclave, biological chamber, incubator, colony counter, PCR machine, microcentrifuge, thermoblock, electrophoresis unit, transilluminator for gel imaging and digestorium.





# ADVANTAGES OF STUDYING AT UM FHS

UM FHS is an internationally recognized and excellent educational and scientific research institution which is associated with many reputable domestic and internationally recognized faculties and institutions. The faculty is known for its respectful, partner and friendly atmosphere which, combined with our reputation, places us among **one of the most recognized and desirable educational and scientific research institutions at home and beyond.**

At a state of the art equipped faculty with excellent employees, we offer a vertical system of higher education. We were first in Slovenia to carry out postgraduate specialist and master's study programmes in the field of nursing care and health sciences as well as **doctoral study programme Nursing Care.** We are extremely proud to be the first to develop a model and a new field of study at the master's study programme - Advanced Nursing Practice. The study field which follows modern standpoints of foreign study programmes, is implemented from academic year 2020/21. By designing and implementing study programmes, we respond to the needs of society and the environment, that is why the study programmes are updated and implemented annually on the basis of scientific research with the help of many domestic and internationally recognized visiting professors and clinical experts.

Modern, innovative and up-to-date study programmes provide graduates with excellent employment opportunities. The **employability and employment of graduates** of our faculty is high at home and abroad, as almost 90% of graduates on average get a job in less than a month after completing the study programme. Students, together with their employees, form an academic community and express a high level of satisfaction with education and with the providers of the pedagogical and non-pedagogical process.

The **modern equipped faculty** offers students the acquisition of knowledge in the first state of the art equipped simulated clinical environment with the support of higher education teachers, associates and practitioners.

A great privilege of the faculty is an excellent wide network of clinical environment with many excellent mentors who offer students the acquisition of knowledge, clinical expertise, patient work and last but not least good and humane interpersonal partnerships with patients and their families. The education is supported by modern information technology and a library with the latest literature. The emphasis is on **student-oriented educational and research work.**

Our faculty has an exceptional advantage, as it cooperates with internationally renowned lecturers, professors and researchers from all over the world in the field of education and research. They are involved in the pedagogical process, conduct numerous current and useful lectures and workshops for all employees and students. We

encourage students at all levels to perform research work in the framework of numerous international and domestic research projects, among which student projects should be highlighted which are an excellent opportunity for students to contribute to the transfer of new knowledge into practice.

We pay special attention to the promotion of **international mobility**. We enable students to visit internationally recognized institutions from around the world. During the mobility, students have the opportunity to gain new knowledge and valuable experience, meet renowned experts, new friends and places, and thus broaden their horizons.

An **excellent tutoring system** is available to students as a support during their study, that includes student tutors, professors, associates and practice mentors. The established tutoring system serves to guide students in integrating into the learning environment, as motivation throughout the study period, helps solving problems and providing answers to questions, as well as successful completion of studies, personal development and preparation for future challenges in professional and personal life. The University of Maribor offers its Career Centre which helps graduates plan their careers.

The **Student Council of the faculty** is responsible for maintaining close connections and communication between students, employees and nurturing the belonging to the faculties. The active and constructive work of students contributes to the promotion, development and mutual care, as well as the organization of numerous social and charitable events and other extracurricular activities. The advantage of organized extracurricular activities at our faculty is the great variety of events and within those each of the students can find something for themselves.



## Why study at University of Maribor Faculty of Health Sciences?

- An excellent partnership of employees, mentors and students.
- The first faculty of health sciences in Slovenia.
- Modern, internationally comparable and current study programmes that place the faculty among the most desirable educational and research institutions in the field of health sciences in our country and beyond.
- First doctoral study programme Nursing Care in Slovenia.
- First master's study programme Nursing Care with modern study options.
- First postgraduate master's study option modelled on education of advanced nursing practice.
- Interfaculty master's study programme Management in Health Care and Social Organizations.
- Supplementary study programmes.
- Active networking and cooperation with renowned domestic and foreign higher education teachers, associates, researchers and practitioners.
- Large selection of study contents at the faculty, university and international partner institutions.
- Participation in many activities at the faculty and the university.
- Attractive and wide choice for international student and staff exchange.
- High employability of graduates at home and abroad.
- Concern for the excellence of graduates.



## What can the University of Maribor offer me?

The University of Maribor is with its 19 members (17 faculties, University Library and Student Dormitories) the second largest and oldest university in Slovenia. It has about 13,500 students and approximately 2,000 employees and has an important role in the region. Since the Faculty of Health Sciences is a member of the University of Maribor, our students can benefit from all the advantages of university environment as a whole. The University offers a remarkable choice of study fields, allowing each student to choose courses offered by other faculties, has well equipped and affordable student dormitories, a good sports infrastructure allowing the students to take part in well organised sports activities, a wide range of other extracurricular activities, organised student meals, a university and faculty library system, and much more.

We are most proud of the fact that the students at our university have open doors to more than 350 universities around the world. Erasmus Student Network (ESN) Maribor was established in 2001, as an independent association, which is working hand in hand with the International relations office of the University of Maribor. The mission of ESN Maribor is to help with the integration of Erasmus and other foreign students into the local environment. It is part of the Erasmus Student Network and includes Slovenian student volunteers who were or are going on a mobility.

With professional and academic 1st cycle study programmes the University of Maribor members offer students an excellent opportunity for building their career path. Acquired competencies and active participation in projects and practical training with future employers enable students to quickly and successfully enter the labour market and at the same time enable them to continue their studies at 2nd and 3rd cycle study programmes.

More information available at: [www.um.si/en](http://www.um.si/en)









University of Maribor

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Faculty of Health Sciences