



University of Maribor

Faculty of Health Sciences



UNIVERSITY
OF MARIBOR
FACULTY
OF HEALTH
SCIENCES

**STUDY
INFORMATION**

2021/2022

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FACULTY OF HEALTH SCIENCES

STUDY INFORMATION 2021/2022

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Urška Novak

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Smiljan Pintarič

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DEAR STUDENTS!

The University of Maribor, Faculty of Health Sciences, is an excellent, internationally recognized, respected and desirable educational and scientific research institution that offers a vertical higher education system. The performed 1st, 2nd and 3rd cycle study programmes from the field of nursing care and healthcare are up-to-date and internationally comparable. The faculty offers excellent conditions for study, as the education is supported by modern information-communication technology, a modernly equipped simulated clinical environment and a library with the latest literature.

We carry out study programmes on the basis of scientific research and professional work, supported by evidence and with the help of renowned domestic and internationally recognized visiting professors. In the pedagogical process, we strive for individual and student-oriented educational and research work.

As part of active partnerships and cooperation with reputable and internationally recognized educational, scientific research and clinical institutions, with which we have concluded bilateral agreements and cooperation agreements, we offer students and employees many mobility options to gain new knowledge and invaluable experience. Awareness of the importance and necessity of developing new knowledge enables students to engage in research and participate in many international and domestic research projects.

The faculty has an effective tutoring system to help students during their studies, in which student tutors, higher education teachers, associates and mentors in practice participate and there is also a Career Center within the University of Maribor which helps students and graduates plan their career paths. The study programmes implemented by the faculty are up-to-date, innovative and current, so they provide graduates with excellent employment opportunities at home and abroad.

Employees and students at the faculty strive for good interpersonal relationships, compelling dialogue and together, we form an academic community based on mutual understanding and respect.

In the academic year 2021/2022, I wish you a successful study, gaining new knowledge and many meaningful experiences.

Acting Dean

ABOUT THE FACULTY

The University of Maribor, Faculty of Health Sciences (UM FHS) has been operating since 2007, when as the first college for nursing studies, it transformed into a faculty. The higher school of nursing was established in 1993, from 1995 it acted as the college for nursing studies of the University of Maribor.

The EU requirements, when Slovenia was joining the EU, led to the transformation of the **professionally oriented 1st cycle study programme Nursing Care** in year 2002. The programme is harmonized with European programmes on the basis of European Community Directives (EU 77/452, EU 77/453).

The development of UM, FHS was very intense. Parallel the scientific-research, professional and pedagogical activities were developed. In academic year 1999/2000, as the first institution in Slovenia, the UM FHS started to develop postgraduate specialist study programmes (Gerontological Nursing Care, Community Health Care, Clinical Dietetics, Informatics in Health and Nursing Care and Perioperative Nursing Care).

In the academic year 2007/2008 we offered bologna postgraduate study programmes, 2nd cycle study programme Nursing Care and study programme Bioinformatics. In academic year 2009/2010, in collaboration with the Faculty of Organizational Sciences, we offered the 2nd cycle study programme Management in Health and Social Organization and in academic year 2014/2015 we implemented at the 2nd cycle study programme Nursing Care two new study fields: Nursing Care and Emergency Situations in Health Care. A year later we included the study field Preventive and Clinical Nutrition and Gerontological Nursing Care. In Academic year 2016/2017 we were **first in Slovenia to introduce a doctoral study programme Nursing Care**. In academic year



2019/2020 UM FHS started to offer a renewed study field Preventive and Clinical Nutrition at the 2nd cycle study programme Nursing Care. UM, FHS is constantly updating its study programmes and curricula, as it strives to respond to latest needs in society. With scientific-research work and with included domestic and foreign renowned higher education teachers and clinical experts, it takes care of the nursing care discipline in Slovenia and abroad. We are extremely proud to be the first to develop the model and **new study field of Advanced Nursing Practice at the 2nd cycle Master's study programme Nursing Care, called Integrated Treatment of Chronic Patients in Advanced Nursing Practice** starting in academic year 2020/2021. This year **we are introducing two new study fields: Mental Health in Advanced Nursing Practice and Integrated Care for Older People in Advanced Nursing Practice.**

Excellent study conditions, good results of graduates, modern didactic methods and approaches, variety choice of study contents, guest appearances of renowned domestic and foreign higher education teachers, diverse student pulse and extracurricular activities, high percentage of employability of graduates and home and abroad, international student exchange, education supported by state-of-the-art information-communication technology and a state-of-the-art simulation centre and classrooms are just some of the reasons that convince students to choose their study path and career path at the University of Maribor Faculty for Health Sciences.

UM FHS is one of the most recognized and desired higher education institutions within the University of Maribor and it is also one of the most desired faculties among Slovenian nursing faculties and schools. With excellence in education, research and international cooperation with many reputable universities and institutions UM FHS has gained a reputation and recognition in the domestic and international arena.

BASIC INFORMATION

University of Maribor
Faculty of Health Sciences
Žitna ulica 15, 2000 Maribor
fzv@um.si
www.fzv.um.si

t +386 2 300 47 00

f +386 2 300 47 47

IBAN: SI56 0110 0609 0125 827

VAT: SI71674705

COMPANY NUMBER: 5089638016

OPENING HOURS

MON-FRI FROM 07:00 TO 19:00

SAT FROM 07:30 TO 13:00

FACULTY MANAGEMENT

Acting Dean



Sr Lect Klavdija Čuček Trifkovič, PhD

Vice Dean for Research



Assoc Prof Gregor Štiglic, PhD

Acting Vice Dean for Undergraduate Study



Assoc Prof Mateja Lorber, PhD

Vice Dean for Postgraduate Study



Prof Sonja Šostar Turk, PhD

Acting Vice Dean for Student Affairs



Urška Novak

Secretary General



Vlasta Jug, BSc

FACULTY DEPARTMENTS

Department for Nursing Care

Head: Sr Lect Nataša Mlinar Reljić

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: Assist Prof Aleš Fajmut, PhD

The key task of the Department for Bioinformatics is to care for a quality implementation of the 2nd 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: Assoc Prof Dušan Mekiš, PhD

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: Assoc 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 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

In accordance with the document "Internal Management and Study Programme Quality Monitoring Processes at the University of Maribor" and other general acts at the University of Maribor in the field of monitoring and quality assurance of study programmes, 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 Faculty of Health Sciences.

Center for Simulated Clinical Environment

Head: Assoc Prof Miljenko Križmarič, PhD

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.



APPLICATION PROCEDURE

Decided if you want to study at the University of Maribor and ready to proceed with the application?

Please proceed in line with the following steps:

1. Apply for an individual international student's account at <https://studentexchange.um.si/ADPrijava.aspx>.
2. Complete electronic Application Form and Learning Agreement (Student exchange programme: Erasmus+ study)
 - You have to send us our version of Learning Agreement filled out in the online application.
 - You can choose subjects from only TWO different faculties.
 - The majority of chosen subjects in your LA has to be from the faculty that covers study areas, specified in the Erasmus+ Interinstitutional Agreement between your home university and the University of Maribor.
 - Please check if the subject is offered in your chosen semester - check the semester in the Course Catalogue
3. Print out the fully completed Application Form with Learning Agreement and obtain signature from Erasmus academic coordinator at your home university. University stamp is also obligatory!
4. Request a Transcript of Records from your home university. The transcript can be in any form including computer print outs from your university registry's office. It must be in English.
5. We require an assessment of your English language skills, it has to state the level of B1 at least in line with CEFR, so you can either (choose 1 option only):
 - send us a document, stating your English language knowledge level, signed and stamped by English teacher from your home institution;
 - send us a copy of any English language certificate you might have.

Printed results of your OLS test are not valid! Please note that if we, after your arrival to the University of Maribor, assess that your English language skills are below the level you will state in one of the above mention documents (so the information you will send us is not accurate), we can decide you are no longer welcome as an Erasmus+ student at the University of Maribor.

6. Complete the form Claim for establishing unique personal number – EMŠO number.
7. All required documents:
 - a. Application Form with selected subjects signed and stamped by your home university,
 - b. Transcript of Records in English,
 - c. Certificate of your English language knowledge,
 - d. Claim for establishing unique personal number – EMŠO number,
 - e. Statement for giving consent to the University of Maribor to use your personal information in line with EU law on data protection (General Data Protection Regulation or GDPR), must be sent by your Erasmus coordinator or with your coordinator in courtesy copy to the following email address: incoming.erasmus@um.si.

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

F: +386 2 23 55 438

E: incoming.erasmus@um.si

**You can also contact the UM FHS Erasmus Coordinator!
aleksandra.lovrencic@um.si**





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 Klavdija Čuček Trifković, PhD



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
Pajnikihar	Nursing Care	10
Glaser	Anatomy, Physiology, Pathology	5
Trobec, Tičar	Ethics with Philosophy and Nursing Care Legislation	3
Lorber, Štiglic	Introduction to Research and Information Communication Technology	3
Goriup	Sociology of Health and Illness	3
Fajmut	Biophysics, Biochemistry	3
Lorber, Turk Z.	Elderly Nursing Care with Geriatrics and Palliative Care	3
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Gorenjak	Laboratory Diagnostics and Pharmacology	5
Strauss, Ekart	Health Promotion and Medical Dietetics	5
Majcenovič Kline/ Jesenšek	English Language /German Language	3
Mlinar Reljić	Nursing Care in the Geriatric Field and Selective Clinical Training	11
	*Elective Course	3
	*Elective Course	3
Total		30
1ST YEAR TOTAL		60

SECOND YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Pajnkihar	Nursing Care of Children and the Young with Paediatrics	5
Gönc	Nursing Care of Women with Gynaecology and Obstetrics and Clinical Training	10
Türk K., Šostar Turk	Public Health with Epidemiology, Microbiology and Hygiene	5
Koželj	Emergency Medical Service	4
Nerat	Nursing Care of Internist Patient with Internal Medicine	6
TOTAL		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Denny, Mlinar Reljić	Psychology In Nursing Care And Health Care	3
Koželj	Nursing Care of Internal Medicine	7
Stričević	Paediatric Nursing Care	6
Nerat	Selective Clinical Training I	8
	*Elective Course	3
	*Elective Course	3
Total		30
2ND YEAR TOTAL		60

THIRD YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Donik	Surgical Nursing with Surgery and Oncology	7
Čuček Trifković	Nursing Care and Mental Health with Clinical Training	8
Kegl	Nursing Care in Home Nursing and Outpatient Nursing Care with Clinical Practice	9
Vrbnjak	Research and Evidence Based Practice in Nursing Care	3
Lorber	Organization, Management, Quality and Safety in Nursing Care	3
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Čuček Trifković	Supervision	3
Strauss	Nursing Care in Surgery	7
Mlinar Reljić	Selective Clinical Training II	8
	*Elective Course	3
	*Elective Course	3
Mlinar Reljić	Final Work	6
Total		30
3RD YEAR TOTAL		60

ELECTIVE COURSES

FIRST YEAR

LECTURER	SUBJECT	ECTS
Mlinar Reljić	Spiritual Care in Nursing Care	3
Stričević	Ergonomic Approaches and Safe Working Environment in Health Care	3
Šostar Turk	Environmental Impact on Health Protection	3
Štiglic	Health Information Systems	3
Donik	Transcultural Nursing	3

SECOND YEAR

LECTURER	SUBJECT	ECTS
Donik	Communication in Health Care	3
Jesenšek Papež	Rehabilitation	3
Lorber	Managing Chronic Diseases	3
Gorišek Miksič	Infectious Diseases 1	3
Denny	Developmental Psychology	3

THIRD YEAR

LECTURER	SUBJECT	ECTS
Donik	Nursing Care in Intensive Care Unit	3
Fijan, Lorber	Acquisition, Management and Implementation of Projects	3
Križmarić	Biomedical Technology and Simulators	3
Koželj	Medical Treatment of Vitally Threatened Patients	3
Denny	Caring for Individuals with Learning Disabilities and Related Disabilities	3
Horvat	Public Health Nursing	

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

Assoc Prof Jadranka Stričević, PhD

University of Maribor Faculty of Health Sciences carries out the 2nd cycle study programme Nursing Care with six study fields:

- Nursing Care
- Emergency Situations In Health Care
- Preventive and Clinical Nutrition
- Integrated Care for Older People in Advanced Nursing Practice
- Integrated Treatment of Chronic Patients in Advanced Nursing Practice
- 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 2nd cycle study programme Nursing Care. The programme is an upgrade of the undergraduate 1st 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
Pajnikhar, Šostar Turk	Research and Research Methodology	10
Pajnikhar	Theories, Concepts and Practice of Nursing	10
Vrbnjak	Evidence Based Nursing	5
Albreht	Health Promotion and Primary Health Care	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Marinšek	Health Assessment of a Patient	5
Mekiš	Therapeutic Interventions in Nursing Care	5
	Elective Course 1	3
	Elective Course 2	3
Total		30
1st year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Borstner	Philosophy and Ethics in Health Care	10
Kraljić	Legal Questions in Nursing Care	10
Pšunder	Education with the Basis of Andragogics	10
Pandel Mikuš	Importance of Nutrition for Health Protection and Prevention	10
Knez Hrnčič	Chemistry and Technologies in Health Science	10
Denny	Basics of Counselling in Nursing	10
Vrbnjak	Introduction to Mixed Methods Research in Nursing	10
Gorišek Miksič	Infectious Diseases 2	10

SECOND YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
	Elective Course	15
	Elective Course	15
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
	Elective Course	15
	Master Thesis	15
Total		30
2nd year total		60



ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Mekiš	Perioperative Nursing Care	15
Gabrovec, Šostar Turk	Public Health	15
Lobnikar, Vrbnjak	Quality and Safety in Health and Nursing Care	15
Štiglic	Informatics in Health and Nursing Care	15
Stričević	Specific Ergonomic Approaches in Health Care and Nursing	15
Denny, Gregorič Kumperščak	Working with Children with Special Needs	15
SUMMER SEMESTER		
Lorber	Gerontological Nursing Care	15
Križmarić	Simulations in Health and Nursing Care	15
Šostar Turk	Planning and Running the Projects	15
Stričević, Rosi	Logistics in Health Care and Nursing	15
Podbregar, Lorber	Management and Leadership in Nursing	15
Fajmut	Biomedical Technology	15



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
Pajnkihar, Šostar Turk	Research and Research Methodology	10
Pajnkihar	Theories, Concepts and Practice of Nursing	10
Vrbnjak	Evidence Based Nursing	5
Komadina	Disaster Management	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Mekiš	Clinical Pathophysiology in Emergency Medicine	10
Strnad	Monitoring and Maintenance of Critically Ill's Vital Functions	10
	Elective Course 1	5
	Elective Course 2	5
Total		30
1st year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Strnad	Emergency Triage	5
Strnad	Medical Dispatching	5
Križmarić	Technology in Emergency Care	5
Borstner	Selected Ethical Topics in Emergency Nursing	5

SECOND YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Sinkovič, Flis	Medical and Surgical Emergencies	10
Ferk, Vrbnjak	Pharmacology, Toxicology and Therapeutic Interventions	10
Mekiš, Križmarić	Simulation in Emergency Medicine	10
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
	Elective Course 1	5
	Elective Course 2	5
	Elective Course 3	5
Vrbnjak	Master Thesis	15
Total		30
2nd year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Marčun Varda	Emergency Situations in Paediatrics	5
Krčevski Škvarč	Emergencies in Pain Management and Palliative Care	5
Selič	Effective Communication and Coping in Special Working Circumstances	5
Sinkovič	Emergency Situations in Medical Intensive Care	5
Flis	Emergency Situations in Surgical Intensive Care	5

NURSING CARE

Study field PREVENTIVE AND CLINICAL NUTRITION

Mode of study: full time and part time



The 2nd cycle study programme Nursing Care, study field Preventive and Clinical nutrition is in coherence on the national level. Food consumption can act as a risk factor that endangers the health of the individual, or as a protective factor that strengthens health and improves quality of life. Epidemiological, biochemical and molecular-biological research has shown a link between the occurrence and course of certain chronic diseases and lifestyle and diet. The goal of a balanced diet is to maintain and improve health and thus quality of life, as well as to prevent food-related symptoms of deficiency (e.g. dermatitis, eye and brain damage) and deficient diseases (e.g. pellagra, rickets, scurvy), as well as overeating, which can lead to the emergence of many diseases of civilization. Through education and targeted promotion of a healthy diet at all stages of life, we contribute to better eating habits and nutrition, and thus to maintaining and strengthening the health of the population of Slovenia.



SYLLABUS

FIRST YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Pajnikihar, Šostar Turk	Research and Research Methodology	10
Pajnikihar	Theories, Concepts and Practice of Nursing	10
Vrbnjak	Evidence Based Nursing	5
Albreht	Health Promotion and Primary Health Care	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Kozjek Rotovnik	Basics of Prevention and Clinical Nutrition	5
Potočnik	Biochemistry and Metabolism	5
Dolenšek	Pathophysiology of Nutrition	5
Gregorič	Preventive Nutrition	10
	Elective Course 1	5
Total		30
1st year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Knez	Food Structure and Quality	5
Zwitter	Ethical Dilemmas in Nutritional Support	5
Pajnkihar	Quantitative Research Methods	5
Štiglic	Qualitative Research Methods	5

SECOND YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Mičetić Turk	Clinical Nutrition	10
Rotovnik Kozjek	The Process of Nutritional Treatment of a Patient	10
Rotovnik Kozjek	The Forms of Nutritional Care in Medical Nutrition	5
	Elective Course	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Šostar Turk, Langerholc	Selected Topics in Food Safety	5
	Elective Course 1	5
	Elective Course 1	5
Vrbnjak	Master Thesis	15
Total		30
2nd year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Mičetić Turk	Alternative Nutrition	5
Takač	Clinical Nutrition for Pregnant Women	5
Marčun Varda	Obesity	5
Rotovnik Kozjek	Medical Nutrition at Home	5
SUMMER SEMESTER		
Mičetić Turk	Nutrition of Infants, Children and Adolescents	5
Turk Z.	Nutrition in Elderly Period	5
Gregorič Kumperščak	Eating Disorder	5
Rotovnik Kozjek	Sports Nutrition	5
Mičetić Turk	Nutraceuticals and Nutritional Supplements	5
Mičetić Turk, Fijan	Beneficial Foods and Beneficial Microbes	5

NURSING CARE

Study field CARE FOR OLDER PEOPLE IN ADVANCED NURSING PRACTICE

Mode of study: full time and part time



The rapid growth of the elderly population in Slovenia in recent decades and the consequent increased and changed needs for health services for the elderly population, many new insights in the field of nursing and care, as well as the implementation of increasingly demanding standards of nursing and care in Slovenia, are just the most important reasons for nurses, like other health professionals, to develop and improve their competencies with the aim of providing high-quality nursing and care for the elderly. The implementation of the principles of quality aging and intergenerational coexistence and the related ongoing and planned reforms in the health and social field have dictated the need to educate highly qualified professionals in the professional and scientific field of integrated treatment of the elderly in advanced health care.

The study enables the acquisition of specific knowledge in the field of integrated knowledge of old age, which is a condition for successful interdisciplinary cooperation in the care of chronically ill and elderly people. Today, interdisciplinary integration into uniform care is not only a condition for quality human treatment, but also the only way for financially sustainable long-term care systems. It also enables a 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
Pajnikihar, Šostar Turk	Research and Research Methodology	10
Pajnikihar	Theories, Concepts and Practice of Nursing	10
Vrbnjak, Pajnikihar	Evidence Based Nursing	5
Marinšek	Anatomy, Physiology and Pathophysiology in Advanced Practice	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Gabrovec	Gerontological Health Care at Primary Level	10
Markota	Advanced Health Assessment and Decision Making	5
Kravos	Leadership and Management for Patient Quality and Safety	5
	Elective Course 1	5
	Elective Course 2	5
Total		30
1st year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Albreht	Promotion of Health and Wellbeing of the Elderly Population	5
Gabrovec	Prevention and Management of Fragility	5
Benedik	Preventive Nutrition of the Elderly	5
Dewing	Care for People with Dementia	5
Hlebec	Formal and Informal Care of older People Residing in Community	5
Senčur Peček	Fundamentals of the Social Security Law	5

SECOND YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Maver	Pharmacology with Toxicology	5
Bevc	Acute gerontological health treatment	10
Lešnik	Clinical Practice	5
	Elective Course 1	5
	Elective Course 2	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Krčevski Škvarč	Palliative Care and End-of-Life Care	5
	Elective Course 1	5
	Elective Course 2	5
	Master Thesis	15
Total		30
FIRST AND SECOND YEAR TOTAL		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Möller Petrun	Management of Pain in the Elderly	5
Zwitter	Ethical Aspects in Gerontological Care	5
Bevc	The Elderly and Chronic Diseases	5
Štiglic	E-Health	5
Čartolovni	Spiritual Care	5
Došenović Bonča	Economic Burden of Disease	5
SUMMER SEMESTER		
Watson, Vrbnjak	Writing, Publishing and Promotion of Scientific Research Work	5
Pajnkihar, Vrbnjak	Advanced Qualitative Research	5
Štiglic	Advanced Quantitative Research	5
Vrbnjak	Introduction to Mixed Research Methods	5
Pajnkihar, Vrbnjak	Models, Theories and Concepts for Population Health	5
Vrbnjak	Use of Evidence in Health and Social Care	5

NURSING CARE

Study field INTEGRATED TREATMENT OF CHRONIC PATIENTS IN ADVANCED NURSING PRACTICE

Mode of study: full time and part time



The study option Integrated treatment of chronic patients in advanced nursing practice enables the acquisition of advanced knowledge in the narrow professional field of integrated preventive and comprehensive treatment of patients with chronic non-contagious diseases and critical awareness of current issues relevant to this practice.

The study provides targeted education of students for prevention, health promotion, health education and holistic treatment, and monitoring of patients with chronic diseases such as asthma, chronic obstructive pulmonary disease, diabetes and high blood pressure. The student expands knowledge and skills in the field of advanced practice, namely nursing sciences 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 and management for quality and safe patient care. It also allows for clear career development of the nurse in the health care system and is comparable to the education of nurses in west European countries.



SYLLABUS

FIRST YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Pajnikihar, Šostar Turk	Research and Research Methodology	10
Pajnikihar	Theories, Concepts and Practice of Nursing	10
Vrbnjak	Evidence Based Nursing	5
Marinšek	Anatomy, Physiology and Pathophysiology in Advanced Practice	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Zelko	Holistic Treatment of Chronic Non-communicable Diseases	10
Markota	Advanced Health Assessment and Decision Making	5
Kravos	Leadership and Management for Patient Quality and Safety	5
	Elective Course 1	5
	Elective Course 2	5
Total		30
1st year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Gabrovec	Population Health and Its Integration into Advanced Nursing Practice	5
Rotar Pavlič	Integrated Care in Community	5
Albreht	A Healthy Lifestyle in Chronic Non-communicable Diseases	5
Ličen	Health Promotion	5
Benedik	Preventive Nutrition	5
Ivetić	Treatment of a Chronic Patient at Home	5

SECOND YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Maver	Pharmacology with Toxicology	5
Poplas-Susič	Integrated Prevention and Control of Chronic non-contagious Diseases	5
Lešnik	Clinical Practice	10
Marinšek	Elective Course 1	5
	Elective Course 1	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Vrbnjak, Pajnkihar	Interpersonal Relationships and Communication in Advanced Nursing Care Practice	5
	Elective Course 1	5
	Elective Course 2	5
Vrbnjak	Master Thesis	15
Total		30
FIRST AND SECOND YEAR TOTAL		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Poplas-Susič	Drugs, Patients and Chronic Illness	5
Štiglic	Informatics in Advanced Nursing Care Practice	5
Denny	Psychosocial Rehabilitation and Community Treatment	5
Turk Z.	Complementary Holistic Treatment	5
Stričević	Ergonomics and Ergonomic Risks in Health Care	5
Charalambous	Advanced Practice in Oncology Nursing	
SUMMER SEMESTER		
Watson, Vrbnjak	Writing, Publishing and Promotion of Scientific Research Work	5
Pajnkihar, Vrbnjak	Advanced Qualitative Research	5
Štiglic	Advanced Quantitative Research	5
Vrbnjak	Introduction to Mixed Research Methods	5
Pajnkihar, Vrbnjak	Models, Theories and Concepts for Population Health	5
Vrbnjak	Use of Evidence in Health and Social Care	5

NURSING CARE STUDY OPTION MENTAL HEALTH IN ADVANCED NURSING PRACTICE

Type

Master's (Postgraduate)

Cycle

Second

Duration

2 years (4 semesters)

Scope

120 ECTS

Mode of study

Full time and part time

Study programme coordinator

Prof Sonja Šostar Turk, PhD

Assoc Prof Mateja Lorber, PhD



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 behaviors, 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
Pajnikihar, Šostar Turk	Research and Research Methodology	10
Pajnikihar	Theories, Concepts and Practice of Nursing	10
Vrbnjak	Evidence Based Nursing	5
Marinšek	Anatomy, Physiology and Pathophysiology in Advanced Practice	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Stenhouse	Mental Health in Advanced Nursing Practice	10
Stenhouse	Advanced Holistic Mental Health Assessment and	5
Bregar	Leadership and Management in the Field of Mental Health	5
	Elective Course 1	5
	Elective Course 2	5
Total		30
1st year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Bregar	Addiction Diseases	5
Lovrečić	Psychiatric Emergencies and Stress Related Disorders	5
Poštuvan	Suicides and Suicidal behaviors	5
Kavčič	Mental Health of the Elderly	5
Gregorič Kumperščak	Mental Health of Children and Adolescents	5
Gregorič Kumperščak	Clinical Assessment of the Mental State of Children and Adolescents	5
Barr	Intellectual Disabilities	5
Marčinko	Mood Disorders and Psychiatric Disorders	5

SECOND YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Maver	Pharmacology with Toxicology	5
Jakovljević	Psychopharmacology	10
Bregar	Clinical Practice	5
	Elective Course 1	5
	Elective Course 1	5
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Bakračević	Health psychology	5
	Elective Course 1	5
	Elective Course 2	5
Vrbnjak	Master Thesis	5
Total		30
2nd year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Marčinko	Forensic psychiatry	5
Areh	Mental health counseling	5
Jakovljević	Mental health in advanced nursing practice	5
Štiglic	E-health	5
Čartolovni	Spiritual care	5
Rijavec	Law and Ethic	5
Areh	Communication	5
SUMMER SEMESTER		
Watson, Vrbnjak	Writing, Publishing and Promotion of Scientific Research Work	5
Pajnkihar, Vrbnjak	Advanced Qualitative Research	5
Štiglic	Advanced Quantitative Research	5
Vrbnjak	Introduction to Mixed Research Methods	5
Pajnkihar, Vrbnjak	Models, Theories and Concepts for Population Health	5
Vrbnjak	Use of Evidence in Health and Social Care	5

MANAGEMENT IN HEALTH AND SOCIAL ORGANIZATION

Study programme title

MANAGEMENT IN HEALTH AND SOCIAL ORGANIZATION

Type

Master's (Postgraduate)

Cycle

Second

Duration

2 years (4 semesters)

Scope

120 ECTS

Mode of study

Full time and part time

Study programme coordinator

Prof Sonja Šostar Turk, PhD

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.





SYLLABUS

(in cooperation with the University of Maribor Faculty of Organisational Sciences)

FIRST YEAR

(in academic year 2021/22 carried out by the Faculty of Health Sciences)

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Šostar Turk, Štiglic	Research Methodology in Health and Social Organizations	10
Šprajc	Management of Health Care and Social Organizations	8
	Elective Course	6
	Elective Course	6
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Rajkovič, Štiglic	Information and Communication Technologies in Health Care and Social Organizations	10
Borstner	Ethical Aspects in Health and Social Care Organizations	8
	Elective Course	6
	Elective Course	6
Total		30
1st year total		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
WINTER SEMESTER		
Maletič	Quality in Health and Social Organizations	6
Vrbnjak, Pajnkihar	Theories and Evidence-Based Health Care in Health and Social Care	6
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
Kraljić	Health, Health Care and Health Insurance	6

SECOND YEAR
(in academic year 2021/22 carried out by Faculty of Organisational Sciences)

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
Kern	Process Management in Health and Social Organizations	8
Maher	Economics of Health Care and Social Organizations	8
Ferjan	Human Resource Management and Communication in Health and Social Organizations	7
Šostar Turk	Environmental Impact on Health	7
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
	Elective Course	6
Lorber, Maletič	Master Thesis	24
Total		30
FIRST AND SECOND YEAR TOTAL		60

ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Vukovič	Development Systems of Human Resources in Health and Social Organizations	6
Ačko	Standardization in the Fields of Health and Social Care	6
Podbregar, Lorber	Leadership in Nursing Care	6

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

Study programme coordinator

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
McKenna, Šostar Turk	Nursing and Methods of Scientific Research	6
Pajnikihar, McKenna	Theories, Concepts and Practice of Nursing Care	6
Pajnikihar	Advanced Qualitative Research Methods	6
	Individual research work I	3
Watson, Vrbnjak	Transferable Knowledge	3
	Elective Course 1	6
Total		30

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
Vrbnjak	Evidence Based Nursing	9
Štiglic	Advanced Quantitative Research Methods	6
	Elective Course 2	6
	Elective Course 3	6
	Individual research work II	3
Total		30
1st year total		60

WINTER AND SUMMER SEMESTER ELECTIVE COURSES

LECTURER	SUBJECT	ECTS
Lorber	Gerontological Nursing Care	6
Dewing	** Gerontological Care of People Living with Dementia	6
McCormack	** Person-Centred Practice	6
Smith P.	** Caring and Emotional Work in Nursing	6
Wells	** Quality in Health and Nursing Care	6
Sigurðardóttir	** Care of People with Chronic Illness	6
Mičetić Turk	Children, Adolescents and Family	6
Kores Plesničar	Mental Health	6
Turk Z., Stričević	Ergonomic and Kinesio-Therapeutic Approach to a Patient	6
Kozjek Rotovnik	Preventive and Clinical Nutrition	6
Butterworth, Stacy	** Supervision	6
Štiglic	Predictive Modelling in Health Care	6
Kraljić	Legal Aspects in Nursing Care	6
Šostar Turk, Eržen	Health Policy and Public Health	6

LECTURER	SUBJECT	ECTS
Križmarić	Health Care Technology	6
Eržen	Management in Health Care	6
Rosi, Stričević	Logistics in Health Care	6
Cooney Miner	** Leadership in Nursing Care	6
Pajnkihar, Vrbnjak	Science and Art of Care for Quality and Safe Patient Care	6
Barr	** Meeting the Health Needs of People with Intellectual Disabilities	6
Watson	** Development and Validation of Quantitative Research Instruments	6
Vrbnjak	Mixed Methods Research in Nursing	6
Gorišek Miksič	Infectious Diseases – Selected Topics	6
Jeffries	** Clinical Simulations in Nursing Care Education	6
Schulc	** Primary Nursing Care	6
Timmins	** Reflective Practice in Nursing Care Education	6
Chalarambous	** Oncology Nursing	6
Mcllfatrick	** Understanding Palliative and End of Life Car	6
Smith M.	** The Science of Care: the Change of Environment in Practice	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
Total		30

* individual consultation with a mentor

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
	Individual research work IV	24
	Seminar II	6
Total		30

* individual consultation with a mentor

THIRD YEAR

WINTER SEMESTER

LECTURER	SUBJECT	ECTS
	Individual research work V*	24
	Seminar III	6
Total		30

* individual consultation with a mentor

SUMMER SEMESTER

LECTURER	SUBJECT	ECTS
	PhD Thesis	30
Total		30

* 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 the 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.

Additional information:

www.fzv.um.si/%C5%Altudentski-svet.



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 2019 we started hosting American students from the George Washington University School of Nursing who perform obligations within their education and get to know the students and employees of our faculty, while transmitting their culture in the field of education and practice.

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 Erasmus + 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 programs.

Diverse international cooperation also enables us to yearly organize and conduct 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. The Faculty of Health Sciences is an internationally recognized and reputable institution.





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 greatly strengthened international connectivity which is mainly reflected in the number of submitted and acquired projects. The number of registered and successfully obtained projects at UM FHS increased in the period between 2012 and 2019. A total of 148 project applications were submitted, of which 66 (44.6%) were successfully accepted, most of them in 2019 (15 accepted projects). The number of ongoing projects in the before mentioned period in a given year ranges from 7 (in 2013) to 28 ongoing projects (2020). 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.

Simulation centre

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.

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 option 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 learning bases 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: <https://www.um.si/en>







University of Maribor

Faculty of Health Sciences