



# LITHUANIAN UNIVERSITY OF HEALTH SCIENCES

Bachelor studies	
4 YEARS	
1. <u>Nursing</u> €4,300/year	
2. <u>Occupational Therapy</u> €4,000/year	
3. <u>Health Psychology</u> €4,000/year	
4. <u>Physiotherapy</u> €4,500/year	
5. <u>Medical and Veterinary Genetics</u> €4,300/year; 3.5-year course	



LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES

## **NURSING**

4 years / BSc in Health Sciences, General Practice Nurse / 240 ECTS credits

## **OCCUPATIONAL THERAPY**

4 years / BSc in Health Sciences, Occupational Therapist / 240 ECTS credits

## **PHYSIOTHERAPY**

4 years / BSc in Health Sciences, Physiotherapist / 240 ECTS credits





LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES



FACULTY OF **NURSING**

BACHELOR DEGREE:  
**NURSING**

**OCCUPATIONAL THERAPY**  
**PHYSIOTHERAPY**

**Have empathy, sympathy,  
compassion and want to help?**

Become the professional, valued around  
the world – choose studies  
at the Faculty of Nursing

## **NURSING**

### **BACHELOR DEGREE**

Duration – 4 years

Degree – Bachelor in Health Sciences

Qualification – General Practice Nurse

### **WHY STUDY NURSING?**

General practice nurses provide quality care for the persons in need – healthy or sick, encountering patients' experience and protecting patients, carrying out nursing procedures, performing tests, managing health care documentation and ensuring patients' biopsychosocial needs. Nurses are time-honored and one of the most demanded professionals all over the world.

### **STUDY PROGRAMME SUMMARY**

The study programme is implemented by the principle of modular training; theoretical subjects are combined with clinical practice. You will study humanitarian, social and biomedical sciences, health care fundamentals, human anatomy and physiology, genetics, pharmacology, nursing techniques, nursing models, nursing of the patients in all age groups and different diseases, leadership etc. Clinical nursing practice is performed annually and consists of more than 2300 bedside hours.





## CAREER OPPORTUNITIES

After completion of this programme, you will be able to work as a general practice nurse in public and private health care institutions of all health care levels: hospitals, outpatient clinics, institutions for children, nursing homes, home care.

## FURTHER STUDIES

Upon completion of the Nursing programme, you will be able to continue the studies in master level programmes, including the 2 years Advanced nursing practice Master's programme at LSMU.



LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES

## SELF DEVELOPMENT AND LEISURE ACTIVITIES

Nursing Faculty students can participate in various activities, Students' Scientific Society, students' scientific clubs of Midwifery, Occupational Therapy and Physiotherapy. *ERASMUS+* partnership with more than 50 universities gives a great opportunity to achieve international professional knowledge and practical skills for both students and lecturers. Under the *ERASMUS+* Student Exchange Program, there is a possibility to apply for practice or studies in different European universities.

LSMU has almost all facilities for sports: from basketball, tennis, volleyball, athletics, swimming to badminton and chess. There is also a University Student Council, student corporations, choir, folk dance groups.

Apply online  
<http://apply.lsmuni.lt>

Career opportunities:  
professions ensuring life-long jobs







RESPECT LIFE



### WHO Collaborating Centre for Nursing Education and Practice

The Faculty of Nursing is the WHO Collaborating Center for Nursing Education and Practice. Faculty organizes trainings and workshops for health care professionals from various countries (Kazakhstan, Thailand, Belarus, Ukraine etc.) and has strong collaboration ties with universities from Australia, USA, UK, Albania, Vietnam.



RESPECT LIFE



LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES



MORE INFORMATION AND ADMISSION INQUIRIES  
International Relations and Study Centre  
A. Mickevičiaus str. 9, LT 44307, Kaunas, Lithuania  
Phone: +370 37 327 259   +370 659 07 224  
fstudent@ismuni.lt  
www.lsmu.lt <http://apply.lsmuni.lt>







# OCCUPATIONAL THERAPY

## BACHELOR'S DEGREE

Duration – 4 years

Degree – Bachelor in Health Sciences

Qualification – Occupational therapist

### WHY STUDY OCCUPATIONAL THERAPY?

Occupational Therapy is an art and science of:

- enabling engagement in everyday living through occupation;
- enabling people to improve health, well-being and participation to their full potential in daily life despite their illnesses or injuries;
- the use of innovative and unique neuroethologies for the rehabilitation of lost functions and abilities.

Occupational therapists work with patients who:

- have experienced trauma,
- are suffering from acquired or congenital diseases and need help in recovering or developing skills needed for the activities of daily life, including self-care, leisure, independent living and work,
- are of all age groups.

The study programme is unique since education process is based on Problem Based Learning (PBL).

This is the only study programme in Lithuania approved by World Federation of Occupational Therapy.



[apply.lsmuni.lt](http://apply.lsmuni.lt)



STUDY PROGRAMME SUMMARY	I year	CLINICAL PRACTICE >
	Introduction to Studies, Professional Language (Latin language, Lithuanian culture), Fundamental subjects in the study field (Philosophy, Ethics, Psychology, Anatomy, Cytology, Genetics), First aid, Specialty subjects (Theory and Models of OT)	
	Specialty subjects (OT for Children with Health Disorders; OT in Elderly and Old Age), General university education subjects, Fundamental subjects in the study field (Physiology, Pathology, Biomechanics, Rehabilitation)	
	Specialty subjects (Activity Problems and OT for patients with Mental Disorders, Activity Disorders and OT, OT in Community), General university education subjects (Health and Medicine).	
IV year	Specialty subjects (Management of Health Care System and Scientific Research in OT, Human Occupation and Environment), Preparation and Defense of Bachelor's Thesis.	



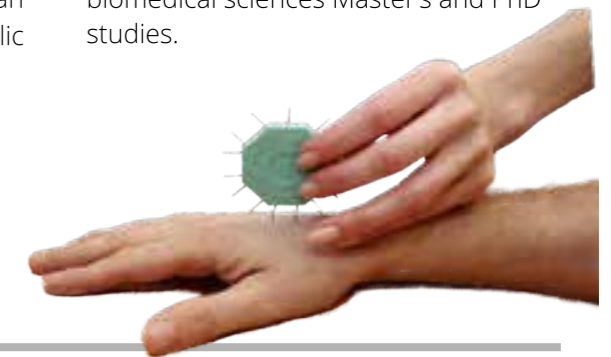
### FUTURE CAREER OPPORTUNITIES

Occupational Therapy graduates can pursue a career in private and public health care institutions:

- hospitals,
- outpatient clinics,
- physical rehabilitation centers,
- mental health/psychiatric rehabilitation centers,

- community centers,
- vocational rehabilitation centers,
- pediatric rehabilitation centers and schools,
- nursing homes etc.

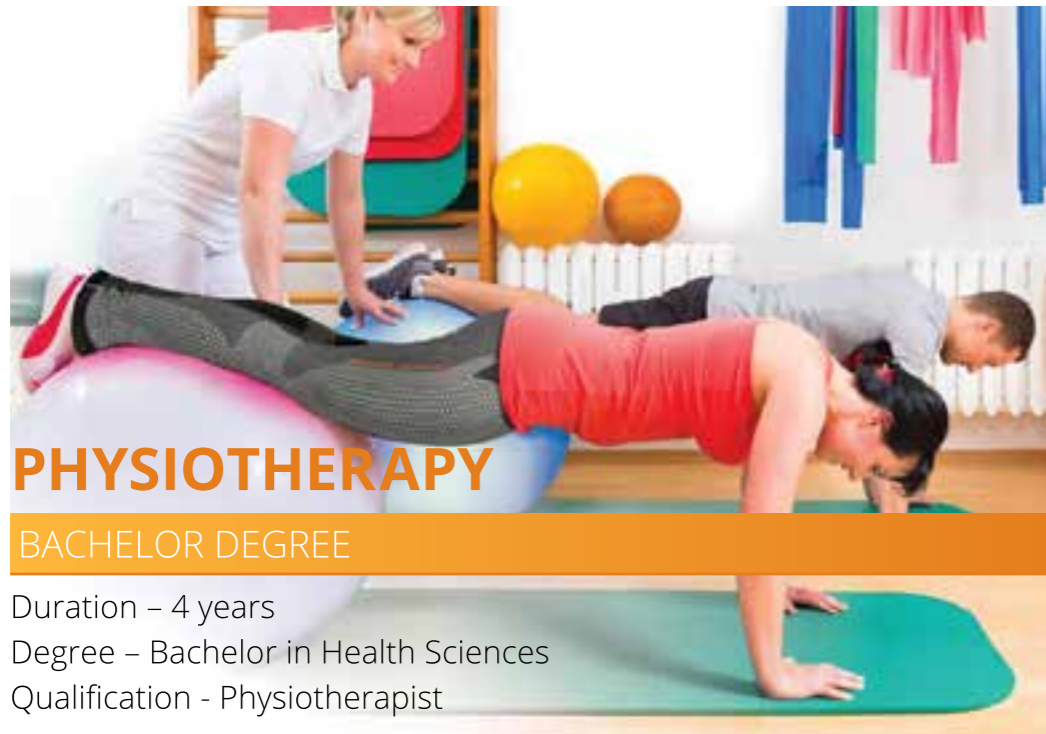
After completing the Occupational Therapy programme, there is a possibility to continue studies in the biomedical sciences Master's and PhD studies.



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# PHYSIOTHERAPY

## BACHELOR DEGREE

Duration – 4 years

Degree – Bachelor in Health Sciences

Qualification - Physiotherapist

### WHY STUDY PHYSIOTHERAPY?

Physiotherapy is an evidence-based autonomous profession that strives:

- to develop, maintain and restore people's maximum movement and functional ability, which may be affected by ageing, injuries, diseases, disorders, conditions or environmental factors.
- to help people to improve and sustain well-being within the various health spheres that include health promotion, injury and impairment prevention, treatment, abilitation and rehabilitation.

This study programme is a member of European Network of Physiotherapy in Higher Education since 2012.

Physiotherapists work with patients who:

- have experienced all kind of traumas;
- have musculoskeletal, neurological, cardio-vascular, pulmonary disorders;

The work of a physiotherapist requires not only knowledge and skills, but also willingness to help, empathy, ability to listen and patience but leadership competencies, constant pursuit of new professional knowledge, and preparedness to work in a team with other medical professionals as well. If you consider to develop these abilities, choose PHYSIOTHERAPY.



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STUDY PROGRAMME SUMMARY	I year	Fundamental subjects in the study field (Philosophy, Ethics, Psychology, Anatomy, Cytology, Genetics), Professional Language (English and Latin language, Lithuanian culture), etc.	CLINICAL PRACTICE >
	II year	Physiotherapy methods (using different tools for physiotherapy, PNF method, taping method and etc.), Differential physiotherapy diagnosis, Pharmacology, Biochemistry, Biomechanics, Pathology, Kinesiology, The Basics of Ergonomic, etc.	
	III year	Physiotherapy in specific fields (Internal Medicine and Surgical Condition; Orthopedic and Traumatic Patients; Aquatic; Musculoskeletal; The Elderly; Obstetric and Gynecological, Pediatric etc.), Orthopedic, Motor Control, Fundamentals of Radiology, Massage, Rehabilitation and Neurological, etc	
	IV year	Informatics and Basics of Scientific Work, Rehabilitation, Physiotherapy in specific fields (Elderly, Obstetric and Gynecological, Pediatric), Clinical Practice (>1000 hours), Final Work of Bachelor Degree Thesis, Final Qualification Exam.	

### CAREER OPPORTUNITIES

After completing the studies, graduates are well prepared for self-employment immediately after graduation. With the license graduates can pursue a physiotherapists career in various public and private health care institutions:

- hospitals,
- outpatient clinics,
- rehabilitation,
- social rehabilitation facilities,

- wellness centers,
- private clinics,
- supportive and nursing institutions,
- sports clubs licensed to provide health care etc.

### FURTHER STUDIES

After completing the Physiotherapy programme, you can continue your education in the biomedical sciences Master's and PhD studies.



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LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES

# MEDICAL AND VETERINARY GENETICS

3.5 years

BSc in Health Sciences, Biomedical Technician

210 ECTS credits







LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES



FACULTY OF **MEDICINE**

**MEDICAL AND  
VETERINARY  
GENETICS**

## CAREER OPPORTUNITIES

Biomedical Technicians with a track in Molecular Biology are primarily demanded by research and diagnostic laboratories in genetics in public (clinical, public health, forensic and law enforcement, environment protection sector, transplant and blood donor centers, fertility clinics), research and teaching institutions or commercial sectors (biotechnology companies, pharmaceutical and chemical industries, reference laboratories, the cosmetics or food industry).

## FURTHER STUDIES

Master degree programmes in various Lithuanian or foreign institutions that may be followed by PhD studies.



# MEDICAL AND VETERINARY GENETICS

## BACHELOR DEGREE

Duration – 3.5 years  
Degree – Bachelor in Health Sciences  
Qualification – Biomedical Technician  
(track in Molecular Biology)  
210 credits (ECTS)

### WHY STUDY MEDICAL AND VETERINARY GENETICS?

- 】 Recognized diploma
- 】 Erasmus+ and other exchange programmes and internships abroad for a semester or a year
- 】 Small groups, up to 10 students
- 】 Multicultural environment and student community: students from 76 different countries, nearly 20% of the total student body at LSMU
- 】 Well-functioning student support programs: mentoring, tutoring and psychological counselling, etc.

### DISTINGUISHABLE FEATURES OF THE PROGRAMME

- 】 Molecular Biology and Genetics – TOP future profession all around the world;
- 】 Unique possibility to develop competences for understanding of the disease pathogenesis through Molecular Biology related subjects;
- 】 Career in proximity with geneticists and clinicians contributing to further development of genetic knowledge;
- 】 Theory and practice in genetic testing in clinical practice, such as cytogenetics, molecular cytogenetics, molecular genetics and biochemical analysis;
- 】 Modern technologies for genome, transcriptome or proteome analysis and bioinformatics data interpretation;
- 】 Labster Training – cutting-edge interactive lab simulations;
- 】 Focus on practical activity and learning by doing. 8 weeks of obligatory practice and voluntary practice on-demand that can be initiated during the first year of study.
- 】 Focus on training how to use information technology in genetic research;
- 】 Close integration of theory and practice, additional experience in research execution, data analysis and interpretation.









## ANALYTICAL SKILLS

Graduates from Medical and Veterinary Genetics are trained or given at least basics skills in a number of analytical methods: DNA and RNA extraction, concentration and purity determination, PCR, electrophoresis, polymorphism analysis, bioinformatics data analysis, DNA methylation analysis, gene expression analysis, cytogenetic and molecular genetic analysis; basic cell culture techniques and methods; immunoassay methods. They know basic laboratory procedures for assurance of accuracy and precision of test results.



MORE INFORMATION AND ADMISSION INQUIRIES  
INTERNATIONAL RELATIONS AND STUDY CENTRE

A. Mickevičiaus str. 9, LT 44307, Kaunas, Lithuania  
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OF HEALTH SCIENCES

# HEALTH PSYCHOLOGY

4 years

BSc in Social Sciences

240 ECTS credits





LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES



FACULTY OF  
**PUBLIC HEALTH**

**Want to help others?  
Looking for work in health system?**

Plan Your Career!  
Choose your studies at  
Faculty of Public Health!

BACHELOR DEGREE:  
**HEALTH PSYCHOLOGY**

## HEALTH PSYCHOLOGY

### BACHELOR DEGREE

Duration – 4 years

Degree – Bachelor in Social Sciences

### WHY HEALTH PSYCHOLOGY?

This study programme provides an opportunity to gain a solid foundation in psychology and related social and natural sciences, and get ready for practical work with people. Health psychology analyses how biology, psychology, behavior, social and a wide variety of environmental factors influence health and related outcomes. You will learn to understand how people react to illness, cope with them and recover from them. Health psychology is uniquely positioned to help people change the behaviors contributing to health and well-being, also avoid risky or unhealthy behavior and maintain a positive outlook that can combat stress, depression and anxiety.

### STUDY PROGRAMME SUMMARY

Within four years you will get acquainted with the main disciplines of psychology: health, cognitive, clinical, organizational, developmental, family psychology, positive psychology and many others. What kind of psychologist would one be without a firm knowledge of philosophy, logic, anthropology, sociology and other adjacent social and human sciences? Particular attention is paid to understanding the fundamentals of neurophysiology and anatomy. The studies will take place in a modern, friendly study environment equipped with latest technologies. You will have a chance to practice at the largest clinical base in Lithuania.



## WHAT KIND OF WORK DO HEALTH PSYCHOLOGISTS DO?

Health psychologists often conduct behavioral assessments, clinical interviews and personality tests. Other tasks involve educating and teaching people how to avoid unhealthy behaviors as well as providing psychological counseling to patients with somatic diseases. Rehabilitation, assistance to patients and medical personnel, preparation of public health promotion programmes, participation in health policy and improvement of the health care system are also important tasks that a health psychologist can carry out. A health psychologist can work in primary health care sector, in specialized clinics, in mental health, crisis or rehabilitation centers, in social care and welfare institutions, and many other private or public institutions.

## CAREER OPPORTUNITIES

- A Bachelor of Health Psychology can work as a professional assistant psychologist or a research assistant.
- Bachelor's degree in psychology can also be used in a professional career in the field of human resources.
- A graduate with a Bachelor's degree in psychology can continue his/her studies in Master programmes of psychology or other social sciences.



## INSTITUTIONAL MEMBERSHIPS



The Association of Schools of Public Health in the European Region (ASPHER).



- WHO Collaborating Centre for the Prevention & Control Noncommunicable Diseases;
- WHO Operations Research Regional Training Centre in Reproductive Health.







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RESPECT LIFE

## SELF DEVELOPMENT AND LEISURE ACTIVITIES

Public Health Faculty students can participate in various activities, Students' Scientific Society, students' scientific clubs. There are opportunities to participate in the ERASMUS+ Academic Student Exchange Program, to acquire study, linguistic and cultural experiences during part-studies at universities in different European countries.

LSMU has almost all facilities for sports: from basketball, tennis, volleyball, athletics, swimming to badminton and chess. There is also a University Student Council, student corporations, choir, folk dance groups.

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