

www.fh-joanneum.at | Austria | Styria

Bachelor's degree programmes

Biomedical Science
Dietetics and Nutrition
Occupational Therapy
Health Care and Nursing
Midwifery
Logopedics
Physiotherapy
Radiography

Master's degree programme

Mass Spectrometry and Molecular Analysis

Postgraduate Master's course

Applied Nutrition Medicine

EN



STUDY
YOUR
DREAM



Bachelor's degree programmes	Degree	Organisation	Campus
Biomedical Science	BSc	Full-time	Graz
Dietetics and Nutrition	BSc	Full-time	Bad Gleichenberg
Occupational Therapy	BSc	Full-time	Bad Gleichenberg
Health Care and Nursing	BSc	Full-time	Graz
Midwifery	BSc	Full-time	Graz
Logopedics	BSc	Full-time	Graz
Physiotherapy	BSc	Full-time	Graz
Radiography	BSc	Full-time	Graz

Master's degree programme	Degree	Organisation	Campus
Mass Spectrometry and Molecular Analysis	MSc	Part-time	Graz

Postgraduate Master's course	Degree	Organisation	Campus
Applied Nutrition Medicine*	MSc	Part-time	Bad Gleichenberg / Graz

* in cooperation with the Medical University Graz

The Department of Health Studies is actively engaged in the wide-ranging aspects of health care and medicine. We are responsible for laboratory analysis processes, support medical diagnosis and conduct research into the therapeutic methods and diagnostic techniques of the future. In therapeutic and advisory roles, we help people to improve their mobility or their ability to communicate and provide them with support in dealing with health challenges. We are committed to health promotion and preventative health care.

Our graduates meet increasing challenges in the healthcare sector with a caring attitude and professional expertise in a wide range of future-oriented career fields.

Bachelor's degree programme BIOMEDICAL SCIENCE

Do you find science exciting? Are you interested in medicine? Would you like to work in a lab? Then our course is just the right thing for you. We show you how to handle the latest technology and teach you the most up-to-date methods used in lab testing.

What you will learn:

- Collecting sample material
- Preparing sample material for analysis
- Analysing patient samples
- Obtaining laboratory results
- Monitoring analytical processes
- Communicating professionally
- Combining theory with practice
- Gaining an insight into research processes

Theoretical knowledge is put into practice from the first semester onwards, in the form of application-oriented subjects, a 28-week internship, and research projects. It is also possible to spend a semester or complete an internship abroad.

Organisation

Biomedical Science is a full-time course. This means the classes are held at FH JOANNEUM over a 15 week period each semester, generally all day Monday to Friday, with the exception of internships. You receive a current timetable at the start of each semester.

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Graz



Language of instruction: German

- 40 places per year
- Interim Head of Degree Programme: **Mag. Christine Kogler**
- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland
- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/bio

Did you know ...

... that we have state-of-the-art infrastructure? During your studies you will make intensive use of the cell culture and molecular biology, haematology, and microbiology & histology laboratories.



“On the programme you will learn the skills needed to independently undertake biomedical analysis processes. Students benefit from a supportive study environment, optimal supervision from lecturers, and programme content designed to reflect future occupational fields.”

Julia Wieser, BSc, Graduate

Career prospects

Our graduates are not only competent in biomedical analysis and diagnostics, but are also involved in current areas of research. They work at the interface between people, medicine and technology, in various specialisms including haematology, immunology, microbiology and molecular biology, as well as gene technology. Careers are open to our graduates in hospitals, university clinics, research institutions, rehabilitation clinics and sanatoriums, veterinary laboratories, plasma centres and specialist medical practices, as well as in environmental and bioanalysis institutes. It is also possible to study further on a Master's degree programme such as Mass Spectrometry and Molecular Analysis at FH JOANNEUM.

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Medical Foundations 1 8 ECTS	Clinical Chemical Lab Diagnostics 10 ECTS	Immunology 8 ECTS	Medical Modelling Systems 3 ECTS	Medical Foundations 3 2.5 ECTS	Health Care 3 ECTS
Chemical Foundations 5 ECTS		Immunohaematology 5 ECTS	Microbiology and Applied Hygiene 8 ECTS	Research Methodology and Documentation 1 10.5 ECTS	Special Analytics 5 ECTS
Histology 7 ECTS	Haematology and Haemostaseology 6 ECTS	Functional Diagnostics 5 ECTS	Molecular Biology and Genetics 9 ECTS		Internship 3 12 ECTS
	Pathology, Cytology and Histopathology 9 ECTS			Scientific Work 2.5 ECTS	
Basics of Cell Biology and Biochemistry 6 ECTS		Microscopy 1.5 ECTS	Internship 1 4 ECTS	Internship 2 6.5 ECTS	
Basics in Diagnostic Laboratory Methods 2.5 ECTS	Introduction to Scientific Work 1.5 ECTS	Medical Foundations 2 3 ECTS	Professional Skills for Biomedical Scientists 3 1 ECTS		Professional Skills for Biomedical Scientists 4 5 ECTS
Professional Skills for Biomedical Scientists 1 1.5 ECTS	Professional Skills for Biomedical Scientists 2 2 ECTS	Molecular Diagnostics 2.5 ECTS			

Bachelor's degree programme DIETETICS AND NUTRITION

What is a healthy diet? That's one of today's hottest topics. Our students know the answer and are experts as regards the right diet for individuals in every situation of life. Why not join us in helping to make our society more healthy?

What you will learn:

- Implementing nutritional treatment plans
- Optimising recipes and menus
- Calculating nutritional values
- Conducting nutritional therapy consultations
- Analysing aspects of diet
- Planning and implementing projects
- Conducting research
- Improving your social skills

The internships which students complete after the second semester are excellent preparation for a later career. In addition to the theory and practical skills needed by professionals in this field, you will also learn how to work together with and for patients.

Organisation

Dietetics and Nutrition is a full-time course. This means the classes are held at FH JOANNEUM over a 15 week period each semester, generally all day Monday to Friday, with the exception of internships. You receive a current timetable at the start of each semester.

"The course is the ideal preparation for immediate entry into the profession. The close relationship between science, medicine and people is a direct benefit to clients, and lays the foundations for continuing academic study with a Master's degree programme."

Wolfgang Gunzer, BSc MSc, Graduate

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Bad Gleichenberg



Language of instruction: German

- 15 places per year
- Head of Degree Programme: Elisabeth Pail, MSc MBA
- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland
- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/dio

Did you know ...

... that only dietitians and doctors are legally permitted to provide patients with active nutritional therapy? All other nutrition-related careers are exclusively concerned with prevention.



Career prospects

Potential areas of employment include not only nutritional therapy, but also health promotion and prevention. The work of preventing diet-related illness begins in early childhood, as part of prevention programmes run in advice centres for mothers, kindergartens and schools. Our graduates also provide advice on healthy

diets in spa hotels and for corporate health programmes. They may also work in hospitals, rehabilitation centres, geriatric institutions, outpatient clinics and medical practices. Careers also beckon in the nutrition industry, the food and pharmaceuticals industries, and in research. Graduates can also specialise further on a relevant Master's degree programme.

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Food Science 6 ECTS	Food Science 3.5 ECTS	Human Nutrition 1 ECTS	Nutrition and Sustainability 1 ECTS	Medical Fundamentals 1 ECTS	Public Health 3 ECTS
	Human Nutrition 5.5 ECTS	Medical Fundamentals 3 ECTS	Communication and Counselling 5 ECTS	Communication and Counselling 0.5 ECTS	
Medical Fundamentals 8 ECTS		Human Nutrition 5.5 ECTS		Fundamentals of Natural Science 3 ECTS	Nutrition Management 2.5 ECTS
	Fundamentals of Natural Science 3 ECTS	Communication and Counselling 3 ECTS	Internship 6 ECTS	Internship 17.5 ECTS	
Fundamentals of Natural Science 6 ECTS	Medical Fundamentals 6.5 ECTS	Nutrition Management 2.5 ECTS	Nutritional Therapy 9.5 ECTS		Internship 17.5 ECTS
	Fundamentals of Natural Science 3 ECTS	Management 2.5 ECTS		Nutritional Therapy 4.5 ECTS	
Principles of the Profession 1 ECTS	Ethics 1 ECTS	Internship 6 ECTS	Scientific Methodology 2 ECTS		Nutritional Therapy 4 ECTS
	Communication and Counselling 3.5 ECTS			Nutritional Therapy 7 ECTS	
Communication and Counselling 2 ECTS	Management 1 ECTS	Nutritional Therapy 7 ECTS	Applied Nutrition Communication 4 ECTS		Bachelor's Thesis 1 4 ECTS
	Nutrition Management 2 ECTS			Scientific Methodology 2 ECTS	
Nutrition Management 2 ECTS	Internship 4 ECTS	Scientific Methodology 2 ECTS	Applied Nutrition Communication 4 ECTS	Bachelor's Thesis 1 4 ECTS	Bachelor's Thesis 2 6 ECTS
		Guided Internship 1 ECTS			
Professional and Methodological Competence	Social Communication Competence, Personal Competence	Scientific Competence	Internship	Elective 1 ECTS	Elective 1 ECTS

Bachelor's degree programme OCCUPATIONAL THERAPY

Occupational therapists change the world - especially for people who have reduced mobility following an accident or illness. The aim is to help them to manage independently at work, at school, in their leisure time and in daily life. What a great idea!

What you will learn:

- Understanding people
- Learning and analysing new activities
- Understanding the therapeutic process
- Applying therapy methods
- Reflecting on and justifying your therapeutic actions
- Rules of communication

The theoretical content of the programme is complemented by practical skills which reflect the individual steps in the occupational therapy process. The programme goes on to examine the activities typically associated with various lifecycles. Students apply their knowledge during internships from the third semester onwards.

Organisation

Occupational Therapy is a full-time course. This means the classes are held at FH JOANNEUM over an 18 week period each semester, generally all day Monday to Friday, with the exception of internships. You receive a current timetable at the start of each semester.

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Bad Gleichenberg



Language of instruction:
German

- 24 places per year
- Head of Degree Programme:
Gabriele Schwarze, MSc MAS
- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland
- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/erg

Did you know ...

... that you can complete your internship either in Austria or abroad? In Europe, but also in countries including India and Kenya.



“The degree programme sparked my interest in occupational therapy research and encouraged me to take on new challenges.”

Julia Unger, BSc MSc, Graduate

Career prospects

Occupational therapists work not only in acute treatment and rehabilitation but also in preventative health care. Their career fields range from neurology, geriatrics, pediatrics, orthopedics and psychiatry to health promotion and prevention. Our graduates work in hospitals, rehabilitation centres, old people's homes, outpatient centres, centres for social medicine, institutions for the disabled, nurseries, schools and research institutions or run their own practice or work as mobile therapists. Graduates can also specialise further on a relevant Master's degree programme.

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Fundamentals of the Musculoskeletal System 6.5 ECTS	Fundamentals of Pathology & Internal Medicine 2 ECTS	Occupational Therapy in Neurology 8 ECTS	Occupational Therapy in Psychiatry 7.5 ECTS	Occupational Therapy in Geriatrics 7 ECTS	Management & Law 4 ECTS
Medical Fundamentals 4 ECTS	Fundamentals of Occupational Therapy 2 6 ECTS	Lifecycle Based Activities 2 6 ECTS	Environment 2 2 ECTS	Occupational Therapy in Health Promotion and Prevention 7 ECTS	Environment 3 3 ECTS
Fundamentals of Occupational Therapy 1 5 ECTS	Lifecycle Based Activities 1 5 ECTS	Lifecycle Based Activities 2 6 ECTS	Intern. Perspectives 1 ECTS	Supervision / Reflection 1.5 ECTS	Current Trends in Occupational Therapy 2 ECTS
Occupation 3.5 ECTS	Occupational Therapy in Orthopaedics 7 ECTS	Environment 1 3.5 ECTS	Supervision / Reflection 1.5 ECTS	Complex Case Studies 1 2 ECTS	Complex Case Studies 2 4 ECTS
Human Development 6 ECTS	Occupational Therapy in Paediatrics 7 ECTS	Scientific Methodology 3 ECTS	Internship 2 9 ECTS	Scientific Methodology 5 ECTS	Scientific Methodology 7 ECTS
Scientific Methodology 3 ECTS	Scientific Methodology 3 ECTS	Internship 1 9.5 ECTS	Internship 3 9 ECTS	Internship 4 9 ECTS	Internship 5 10 ECTS
Junior Clinical Practice 2 ECTS					

Professional and Methodological Competence 93 ECTS	Social Communication Competence, Personal Competence 19.5 ECTS	Scientific Competence 21 ECTS	Internship 46.5 ECTS
---	---	----------------------------------	-------------------------

Bachelor's degree programme

HEALTH CARE AND NURSING

Looking after people, supporting them and understanding their physical requirements: this course meets international standards and enables you to offer patients and clients the best possible care in different settings.

What you will learn:

- Understanding the human body
- Learning about nursing models and theories
- Applying evidence based nursing
- Nursing in different settings
- Gaining an insight into everyday nursing practice
- Developing communication strategies

The programme covers nursing research, evidence-based nursing, psychology, sociology and pedagogy, as well as subjects including aspects of organisation, law, ethics and management. Caring skills are then practiced in special training sessions set in a protective environment. This is an opportunity to also expand your social and communication skills. Theoretical knowledge is put into practice from the first semester onwards, in the form of internships.

Organisation

Health Care and Nursing is a full-time course. This means the classes are held at FH JOANNEUM over an 18 week period each semester, generally all day Monday to Friday, with the exception of internships. You receive a current timetable at the start of each semester.

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Graz-Ost



Language of instruction: German

- 72 places per year

- Head of Degree Programme: Eva Mircic, BSc, MSc

- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland

- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/guk

Did you know ...

... that you will undertake internships from the first to the sixth semester? Because it's never too early to put theory into professional practice.



“Thanks to the practical nature of the course, it was soon clear what the internships and a career in the field would bring. Lectures such as Medical Fundamentals and General Pathology also gave us a direct introduction to the subject matter. Studying and working in small groups allows the lecturers to respond to our questions and requirements, and that's a real advantage to studying at FH JOANNEUM.”

Eva-Maria Wallner, Student

Career prospects

The course trains you in current and future professional fields in health care and nursing. After graduating, you can specialise for specific settings and target groups in accordance with the Austrian Healthcare and Nursing Act (GuKG), or enrol on a Master's programme. Our graduates are qualified for senior healthcare and nursing positions, covering all age groups, in accordance with the GuKG. Our students go on to work in hospitals, old people's homes, care homes, home care, hospices, rehabilitation facilities, assisted living communities, day care, outpatient clinics, advisory centres and case management, or in research.

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Body Structures and Functions 9 ECTS	Health Care and Nursing 2 5 ECTS	Pharmacology, Pathology and Nutrition 4 ECTS	Health Care and Nursing 4 6 ECTS	Health Care and Nursing 5 6 ECTS	Health Care and Nursing 6 4 ECTS
	Nursing Over the Course of Time 4 ECTS	Health Care and Nursing 3 4 ECTS	Professional Challenges in Nursing 4 ECTS	Scientific Methodology 2 6 ECTS	Scientific Methodology 3 7 ECTS
Health Care and Nursing 1 8 ECTS	Human Needs and Requirements 3 ECTS	Health and Society 4 ECTS	Nursing in an Interdisciplinary Setting 5 ECTS	Internship 5 18 ECTS	Elective 3 ECTS
	Communication and Interaction 2 2 ECTS	Scientific Methodology 1 5 ECTS			Internship 6 16 ECTS
Communication and Interaction 1 2 ECTS	Internship 2 16 ECTS	Internship 3 13 ECTS	Internship 4 15 ECTS	Internship, Practical Training 89 ECTS	
Internship 1 11 ECTS					
Professional Competence 61 ECTS	Social Communication Competence, Personal Competence 9 ECTS	Scientific Competence 18 ECTS	Elective 3 ECTS		

Bachelor's degree programme MIDWIFERY

Assist women in preparing for one of the most important moments of their lives: help them during pregnancy, birth and breastfeeding and support the young family during the first year of their child's life. You'll gain all the experience you'll need right from the first semester.

What you will learn:

- Thinking physiologically
- Supporting physiological processes in midwifery
- Clinical decision-making
- Science-based working
- Implementing salutogenetic principles
- Promoting health

Apart from receiving a sound training in midwifery and obstetrics, you will learn to understand and assess the psychological and social processes involved in becoming parents and giving birth. You will also acquire advisory capabilities and develop your communication and conflict management skills. Specialist internships in all six semesters serve to intensify your theoretical and practical knowledge and familiarise you with working in the profession.

Organisation

Midwifery is a full-time course. This means the classes are held at FH JOANNEUM over an 18 week period each semester, generally all day Monday to Friday, with the exception of internships. You receive a current timetable at the start of each semester.

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Graz



Language of instruction: German

- 20 places every two years
- Head of Degree Programme: **Moenie van der Kleyn, MPH**
- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland
- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/heb

Did you know ...

... that breastfeeding is an important subject in teaching and research at FH JOANNEUM? That's why the course includes analysing breastmilk.



“The work of a midwife is based on evidence-based knowledge and practical experience. Throughout the programme at FH JOANNEUM I was able to combine the wide range of knowledge gained on the course with practical experiences, and this was the ideal preparation for a career as a midwife.”

Mag. Anna Maria Rath, BSc, Graduate

Career prospects

Midwives care for and attend pregnant women and assist in the smooth progress of their pregnancies and at birth. They provide advice on correct nutrition and appropriate life style, prepare the family for the birth, and provide information about the care and development of the newborn and about breastfeeding. A key focus of a midwife's work is the care of women giving birth in hospitals and clinics. Midwives are also increasingly employed in hospital neonatal departments and maternity wards. Another focus is on working as an independent midwife: this involves providing advice relevant for the mother-child booklet, and post-partum care of the new mother. The completion of the Midwifery programme also provides the basis for further studies in health care.

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Anatomy Physiology Embryology 6 ECTS	Pathology Microbiology 4 ECTS	Pharmacology 2 ECTS	Pathology: Obstetrics Neonatology 5 ECTS	Risk Management 3 ECTS	Emergencies Interventions Premature Births 4 ECTS
	Gynaecology Care 3 ECTS	Pathology: Pregnancy Birth 5 ECTS		Psychosomatic Medicine Health Promotion Quality Management 5 ECTS	Freelance Work 2 ECTS
Hygiene Care 3 ECTS	Physiology: Pregnancy Birth 3 ECTS	Pathology: Postpartum Period Breastfeeding 6 ECTS	Nutrition Adult Education Complementary Medicine 5 ECTS	Scientific Work 5 ECTS	Scientific Work 6 ECTS
Introduction: Pregnancy Birth 4 ECTS	Neonatology Postpartum Period 4 ECTS	Postpartum Period 1 ECTS	Midwife-Led Obstetrics Antenatal Care 5 ECTS		Internship 5 (11 weeks) 17 ECTS
Newborns Breastfeeding 2 ECTS	Documentation Law 2 ECTS	Genetics Ethics, Psychology 4 ECTS	Evidence 1 ECTS	Internship 4 (9 weeks) 14 ECTS	
Communication Health System 4 ECTS	Research 2 ECTS				
Internship 1 (7 weeks) 11 ECTS	Internship 2 (8 weeks) 12 ECTS	Internship 3 (8 weeks) 12 ECTS			
Fundamentals 18 ECTS	Obstetrics 36 ECTS	Occupational Field 12 ECTS	Counselling 18 ECTS	Scientific Work 12 ECTS	Internship 84 ECTS

Bachelor's degree programme LOGOPEDICS

Speech therapists work with adults and children who suffer from speech, language, voice, swallowing or hearing difficulties. They conduct a diagnostic analysis which provides the basis for the treatment. We'll teach you the theory and practice you need to work as a speech therapist.

What you will learn:

- Acquiring specialist knowledge
- Speech therapy diagnosis and treatment
- Combining theory and practice during the internship
- Working independently with patients in the teaching practice
- Breathing, voice and speech exercises
- Developing personally

We offer supervision from the first to the fifth semester. The opportunity to explore the nature of a career in logopedics in the second semester, and internships from the third to the sixth semester provide you with an excellent overview of work in this field. Acceptance to the Summer School for Speech Language Therapy also offers the opportunity for global exchanges: every year an international congress is held at a partner university, helping create networks of students and lecturers from respected speech therapy courses.

Organisation

Logopedics is a full-time course. This means the classes are held at FH JOANNEUM over an 18 week period each semester, generally all day Monday to Friday, with the exception of internships. You receive a current timetable at the start of each semester.

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Graz



Language of instruction:
German

- 12 places per year
- Head of Degree Programme:
Dipl.-Log. Dr. Robert Darkow
- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland
- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/log

Did you know ...

... that we run a lecture series in logopedics? We regularly invite renowned experts from the field or related disciplines to share their knowledge.



"We are confronted with many challenges when entering professional life. It became clear to me how much I was able to profit from the programme, and especially from the individual supervision during my own first therapy sessions."

Lisa Ludvik, BSc, Graduate

Career prospects

Speech therapists examine and treat people of all ages with disorders in speech, language, voice, swallowing and hearing and carry out audiometric tests. The responsibilities of our graduates are varied: they are often employed by hospitals, rehabilitation clinics and specialised units but increasingly work on a freelance basis in an independent practice. Graduates also have additional opportunities to work in education, science and research or enrol on advanced healthcare degree programmes.

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Pathology 12 ECTS	Pathology 2 ECTS	Pediatric Medicine Neurology, Psychiatry 3 ECTS	Psychiatry 2 ECTS	Phoniatrics Audiology 2 ECTS	Ethics 1 ECTS
	Pediatric Medicine Neurology 4 ECTS	Phoniatrics Audiology 3 ECTS	Phoniatrics Audiology 2 ECTS	Psychology Education, Linguistics 3 ECTS	Integrative Process 2 ECTS
	Otolaryngology 5 ECTS	Psychology Education Linguistics 4 ECTS	Psychology Education Linguistics 4 ECTS	Voice and Speech Science 2 ECTS	Marketing 1 ECTS
	Psychology Education Linguistics 4 ECTS	Kinesiology Voice and Speech Science 2 ECTS	Neurological Speech and Language Disorders 8 ECTS	Neurological Disorders Developmental Speech and Language Disorders 10 ECTS	Bachelor's Seminar 2 6 ECTS
	Otolaryngology 3 ECTS	Voice and Speech Science 3 ECTS	Childhood Language Neurological Disorders 7 ECTS	Supervision Communication Training 2 ECTS	Healthcare System 2 ECTS
	Psychology Linguistics 3 ECTS	Voice and Speech Science 2 ECTS	Supervision Communication Training English 3 ECTS	Supervision English 2 ECTS	Bachelor's Seminar 1 4 ECTS
	Introduction to Speech Therapy Process 3 ECTS	Childhood Language 5 ECTS	Project Management 1 ECTS	Scientific Work 1 ECTS	Reflection Internship 18 ECTS
	Childhood Language 3 ECTS	Supervision English 2 ECTS	Reflection Internship 7 ECTS	Reflection Internship 9 ECTS	Reflection Internship 9 ECTS
	Supervision Communication Training English 3 ECTS	Reflection Internship 5 ECTS			
	Scientific Work 1 ECTS				
Medical Fundamentals 1 14 ECTS	Medical Fundamentals 2 9 ECTS	Medical Fundamentals 3 15 ECTS	Related Sciences 18 ECTS	Fundamentals 10 ECTS	Speech Therapy Process 3 ECTS
SLT for Specific Disorders 35 ECTS	Communication Skills 13 ECTS	Bachelor's Seminars 10 ECTS	Scientific Work 3 ECTS	Law 2 ECTS	Internship 48 ECTS

Bachelor's degree programme PHYSIOTHERAPY

You'll enjoy many 'moving' moments with us. Our students work to maintain or restore mobility in patients of all ages and circumstances. Join us and help shape tomorrow's health.

What you will learn:

- Acquiring specialist knowledge
- Understanding body functions and complex movement patterns
- Carrying out the physiotherapy process – clinical reasoning
- Working with patients in different settings
- Applying different treatment methods
- Acquiring social communicative skills
- Combining physiotherapy and science – evidence

You will develop the expertise to apply the knowledge learned to the patient and independently implement targeted therapeutic measures on the basis of scientific and clinically proven knowledge. The degree programme also provides internships in various medical facilities in Austria and abroad from the second semester onwards, where you will translate theoretical knowledge into physiotherapy practice.

Organisation

Physiotherapy is a full-time course. This means the classes are held at FH JOANNEUM over an 18 week period each semester, generally all day Monday to Friday, with the exception of block modules, lectures in cooperation with other institutions and internships. You receive a current timetable at the start of each semester.

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Graz



Language of instruction: German

- 70 places per year

- Head of Degree Programme: **Beate Salchinger, MMSc**

- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland

- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/pth

Did you know ...

... that we have a laboratory for analysing movement? Here you'll learn to use and apply a variety of analysis systems.



“There are a range of different therapy concepts and approaches to physiotherapy. Thanks to personal commitment, as well as dialogue and cooperation with the Physiotherapy programme, many options are open to us after our course. As the ‘new generation’ of physiotherapists, we can contribute to creating a better occupational profile, locally, nationally and internationally.”

Sandra Degelsegger, BSc, Graduate

Career prospects

Physiotherapists contribute to shaping tomorrow's health care. As experts in motion analysis and therapy, they play an important role in multiprofessional medical teams and together with patients and clients coordinate the therapeutic objectives in prevention, health promotion, treatment and rehabilitation. Our graduates can work in hospitals, rehabilitation centres, outpatient departments, private clinics, old people's homes, schools, nurseries or companies. They also have the opportunity to work on a freelance basis in their own practice or as a mobile therapist.

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Fundamentals of Medical Science 1 6 ECTS	Fundamentals of Medical Science 3 6 ECTS	Physiotherapy for the Musculoskeletal System 1 12 ECTS	Physiotherapy for Motor Development and Control of Movement 2 6 ECTS	Physiotherapy for Special Medical Conditions 9 ECTS	Physiotherapy in the Modern Healthcare System 6 ECTS
Fundamentals of Medical Science 2 6 ECTS	Hypothesis-Driven Interventions in the PT Process 6 ECTS		Behaviour and Experience in Physiotherapy 3 ECTS		Scientific Research 3 6 ECTS
Fundamentals of Kinesiology 6 ECTS	Physiotherapy for Organ Systems 1 6 ECTS	Kinesiology 2 3 ECTS	Physiotherapy for the Musculoskeletal System 2 6 ECTS	Scientific Research 2 6 ECTS	
Basic Physiotherapy Skills 6 ECTS	Kinesiology 1 6 ECTS	Physiotherapy for Motor Development and Control of Movement 1 6 ECTS	Applied Kinesiology 3 ECTS	Internship 15 ECTS	
			Physiotherapy for Organ Systems 2 3 ECTS		
Fundamentals of Patient Communication 6 ECTS	Scientific Research 1 3 ECTS	Internship 6 ECTS	Internship 9 ECTS	Internship 15 ECTS	
	Internship 3 ECTS				
Professional/Methodological Competence 105 ECTS	Social Communication Competence, Personal Competence 9 ECTS	Scientific Competence 15 ECTS	Internship 51 ECTS		

Bachelor's degree programme RADIOGRAPHY

Are you fascinated by the combination of medicine and technology? Then this is the right programme for you. Because our students will be tomorrow's professionals in radiological and nuclear medicine imaging and effective treatment methods.

What you will learn:

- Medical fundamentals in the context of radiography
- Applying imaging methods in radiology and nuclear medicine
- Participating in the planning of radiographic interventions and therapy concepts in radiation oncology
- Developing models and concepts in situational patient communication
- Applying information and communication technology in health care
- Responsibility for radiation protection in radiography
- Understanding the role of radiography in the context of the health sciences
- Conducting research

The programme offers you science-based training in the core areas of diagnostic radiology and interventional radiology, nuclear medicine and radiotherapy. In addition to specialist knowledge, great importance is placed on internships which you will complete at healthcare institutions from the first semester onwards.

Organisation

Radiography is a full-time course. This means the classes are held at FH JOANNEUM over a 20 week period each semester, generally all day Monday to Friday, with the exception of internships. You receive a current timetable at the start of each semester.

FACTS



Bachelor of Science in Health Studies (BSc)



Full-time



6 semesters / 180 ECTS



FH JOANNEUM Graz



Language of instruction: German

- 25 places per year

- Head of Degree Programme: Dr. Helmut Ritschl, MA MSc

- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland

- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/rad

Did you know ...

... that our students complete their internships not only in Austria and across Europe, but also around the globe, for example in the USA and Africa?



Career prospects

Our graduates work in diagnostic and interventional radiology, nuclear medicine and radiation oncology. Potential employers include hospitals, physicians in private practice, industry and research institutions. The speed of technological developments in the field is opening up new career opportunities.

"My first four-week internship at the LKH University Clinic in Graz was just as I had imagined: there was plenty of contact with patients, independent tasks, teamwork and a wealth of experience to take with me for my future professional life."

Christoph Stocker, BSc, Graduate

CURRICULUM: 180 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester
Fundamentals of Anatomy in Radiography 5 ECTS	General Pathology in Radiography 2.5 ECTS	Measurement & Analysis Methods - Computed Tomography 2 ECTS	Measurement & Analysis - Magnetic Resonance Imaging 3 ECTS	Medical Case Analysis - Angiography 1.5 ECTS	Synoptic Discussion of Results in Selected Areas of Radiology, Nuclear Medicine and Radiation Oncology 4.5 ECTS
Fundamentals of Physiology in Radiography 5 ECTS	Specific Pathology in Radiography 2.5 ECTS	Medical Case Analysis - Computed Tomography 2 ECTS	Medical Case Analysis - Magnetic Resonance Imaging 2 ECTS	Radiographic Processes in Angiography 1.5 ECTS	
Basic and Advanced Life Support 3 ECTS	Pharmaceutical Fundamentals 1.5 ECTS	Radiographic Processes in Computed Tomography 2 ECTS	Radiographic Processes in Magnetic Resonance Imaging 2 ECTS	Internship & Lessons Learned in Angiography 4 ECTS	New Technological Developments in Medical Imaging 1.5 ECTS
	Measurement & Analysis Methods - X-Ray Diagnostics 4 ECTS	Internship & Lessons Learned in Computed Tomography 3 ECTS	Internship & Lessons Learned in Magnetic Resonance Imaging 3.5 ECTS		Measurement & Analysis Methods using Ultrasound 2.5 ECTS
General Hygiene 1.5 ECTS	Medical Case Analysis - X-Ray Diagnostics 2 ECTS	Measurement & Analysis Methods - Nuclear Medicine 4 ECTS	Measurement & Treatment Methods in Radiation Oncology 4 ECTS	Patient Communication 2 ECTS	Elective I: Basic Course MR Safety Officer 1.5 ECTS
Medical English 1.5 ECTS	Radiographic Processes in X-Ray Diagnostics 3 ECTS	Radio-pharmaceuticals 1.5 ECTS	Oncological Therapy Concepts 2 ECTS		Medical Case Analysis using Ultrasound 3 ECTS
Introduction to the Occupational Field of Radiography 4.5 ECTS	Internship & Lessons Learned in X-Ray Diagnostics 5 ECTS	Medical Case Analysis - Nuclear Medicine 3 ECTS	Medical Case Analysis - Radiation Oncology 3.5 ECTS	Ethical Principles in the Health Sciences 1.5 ECTS	Bachelor's Thesis 2 6 ECTS
		Radiographic Processes in Nuclear Medicine 3 ECTS	Radiographic Processes in Radiation Oncology 3.5 ECTS		
Applied Mathematics 2.5 ECTS	Applied Digital Image Processing 3 ECTS	Internship & Lessons Learned in Nuclear Medicine 3 ECTS	Internship & Lessons Learned in Radiation Oncology 3.5 ECTS	Biostatistics & Analytical Methods 2 ECTS	Cumulative Internship & Lessons Learned in Radiography II 9.5 ECTS
Physical and Biological Fundamentals 3.5 ECTS	System Administration in Healthcare Establishments 3 ECTS	Health Economics / Legal Basics 3 ECTS	Health Economics / Legal Basics 3 ECTS	Bachelor's Thesis 1 4 ECTS	
Internship & Lessons Learned - Introduction 3.5 ECTS	Data Structures & Standards in the Healthcare Sector 2 ECTS	Project, Risk & Quality Management 2 ECTS	Scientific Work 1.5 ECTS	Cumulative Internship & Lessons Learned in Radiography I 6 ECTS	Elective Internship & Lessons Learned in Radiography 4 ECTS
	Medical Technical English 1.5 ECTS	English in Health Management 1.5 ECTS	Study Designs in Radiography 1.5 ECTS		

Master's degree programme MASS SPECTROMETRY AND MOLECULAR ANALYSIS

At FH JOANNEUM you will learn about innovative techniques and applications in molecular biology, pharmacology, gene technology, nanotechnology and bio-informatics. From the third semester onwards you will focus more intensively on special spectrometric methods, or in molecular diagnostics, treatment and production.

What you will study:

Bio-informatics.

Experimental design relies on sufficient knowledge of bio-informatics. You learn to apply bio-informatics tools, as well as becoming acquainted with multivariate statistical methods in order to identify complex relationships and recognise significant changes in command variables in the field of applied OMICs technologies - genomics, proteomics and metabolomics.

Mass spectrometry.

In this module you learn more about innovative disciplines such as lipidomics and proteomics. You deal with the latest areas of application for mass spectrometry systems, special ionising techniques, and quantification techniques. You also gain in-depth knowledge of chromatographic separation processes.

Molecular analysis.

Vaccine manufacturing, molecular diagnostics and gene therapies are the focus of this module. You will explore analytical processes in molecular biology, concentrating in particular on applying molecular diagnostics and producing recombinant proteins. You also learn about biomarkers, gene technology, stem cells and gene therapy.

Projects. Master's thesis.

You can further develop your understanding of the subject during projects and in your Master's thesis.

FACTS



Master of Science in Engineering (MSc)



Part-time



4 semesters / 120 ECTS



FH JOANNEUM Graz



Language of instruction: German

- 24 places per year
- Interim Head of Degree Programme: **Mag. Christine Kogler**
- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland
- All information about deadlines, application and admission can be found online.
- www.fh-joanneum.at/mma

Did you know ...

... that you apply the theoretical knowledge you have learned in the lab? We provide state-of-the-art equipment drawing on the latest technologies in molecular biology and mass spectrometry.



Organisation

The relatively low number of hours you are required to attend, the part-time organisation of the course and e-learning methods mean that the degree programme can be combined with job and family. A third of teaching is delivered via e-learning. The classes you are required to attend at FH JOANNEUM are held at around 10 weekends per semester, on Friday and Saturday.

Career prospects

The qualification profile of our graduates opens up employment opportunities in a wide range of sectors such as environmental and food analytics, quality assurance, biomedicine, medical engineering, forensics, or pharmaceuticals. Our graduates are also qualified to proceed to a relevant doctoral programme in science, engineering or medicine.

CURRICULUM: 120 ECTS (30 ECTS per semester)

1st semester	2nd semester	3rd semester	4th semester
		FOCUS	FOCUS
Fundamentals of Molecular Biology 2 ECTS	Molecular & Mass Spectrometry 3 ECTS	Special Chapters of Mass Spectrometry 4 ECTS	Medical and Environmental Molecular Diagnostics 4 ECTS
Fundamentals of Chemistry 2 ECTS	Chromatography and Spectrometry Techniques 4 ECTS	Mass Spectrometry Exercises 4 ECTS	Gene Therapy 3 ECTS
Chemistry & Stoichiometry 7 ECTS	Spectral Interpretation 2 ECTS	Chromatographic Separation Techniques 2 ECTS	Protein Design & Engineering 4 ECTS
Molecular Cell Biology, Genetics & Gene Technology 7 ECTS	Methods of Molecular Biology and Gene Technology 5 ECTS	Method Development and Optimisation 2 ECTS	Pharmacogenomics & Personalised Medicine 2 ECTS
Chromatographic & Electrophoretic Separation Techniques 4 ECTS	Applied Omics Technologies 4 ECTS	Focus-specific Project 6 ECTS	Ethics in Biomedicine 1 ECTS
Statistical Methods - Data Preparation & Analysis 4 ECTS	Nanotechnology 2 ECTS		Interdisciplinary Applications 4 ECTS
Team Management & Social Media 2 ECTS	Medical and Environmental Molecular Diagnostics 4 ECTS		Data Management, Data Interpretation & Structural Analysis 4 ECTS
Literature Databases & Effective Literature Search 2 ECTS	Quality Assurance and Validation in Analytics 2 ECTS		Design of Experiments 2 ECTS
	Applied Bioinformatics 4 ECTS		Scientific Writing & Presentation 2 ECTS
			Interdisciplinary Research Project 4 ECTS
Fundamentals of Biology & Chemistry 18 ECTS	Chromatography and Mass Spectrometry Techniques 13 ECTS	Molecular Techniques & Life Sciences 15 ECTS	Bioinformatics & Statistical Methods 14 ECTS
Focus: Spectrometry Techniques 18 ECTS	Focus: Molecular Diagnostics, Therapy & Production 18 ECTS	Scientific Method & Master's Thesis 4/3 ECTS	
			Master's Thesis Seminar 4 ECTS
			Master's Thesis 26 ECTS

Postgraduate Master's course

APPLIED NUTRITION MEDICINE

The increase in nutrition-related disorders means medical practitioners and dietitians are facing new challenges. Consequently this postgraduate course focuses on both these professional areas. The programme is designed to enhance the participants' scientific and subject-related knowledge of nutrition medicine.

Key areas

The programme includes 12 modules and writing a Master's thesis. The programme equips students with fundamental and selected competences in medicine and dietetics, expanding and deepening this knowledge in specialist areas. Nutritional medicine is a complex specialisation, and is combined with strategic interdisciplinary expertise such as public health, quality management and research. Current scientific discussions related to medicine and nutrition are also considered on the course.

FH JOANNEUM runs the university course jointly with the Medical University of Graz as part of an innovative cooperation model.

Target group

The programme is designed for both dietitians and medical practitioners. It examines interdisciplinary cooperation between both occupational groups, as well as the reciprocal application of the competences in each field. The different experiences brought by the participants on the programme serves to bring together perspectives from science and practice.

Admission requirements

University degree in medicine or degree in dietetics and nutrition from a university of applied sciences or equivalent three-year training at a recognised educational institution in Austria or abroad (180 ECTS).

FACTS



Master of Science in Applied Nutrition Medicine



Part-time



5 semesters / 120 ECTS



FH JOANNEUM Bad Gleichenberg
Medical University Graz



Language of instruction: German

- 20 places per year

- Course Head:
Elisabeth Pail, MSc MBA, FH JOANNEUM Univ.-Prof. Dr. Hermann Toplak, Medical University Graz

- Total costs: EUR 12,500

- All information about deadlines, requirements, application and curriculum can be found online.

- www.fh-joanneum.at/nut
www.medunigraz.at/nutr

Did you know ...

...that we focus on problem-based learning? Real-life professional situations are examined and innovative solutions developed on the basis of specialist literature.



Organisation

In order to permit students to study on a part-time basis, mandatory attendance takes the form of weekly and weekend blocks, divided between the Medical University of Graz and FH JOANNEUM in Bad Gleichenberg. Individual parts of the course can be completed via e-learning.

“The diversity of the course offers students a solid and broad basis for developing their careers.”

Daniela Gmeindl-Tscherner, MSc, Graduate

Career prospects

Medical practitioners and dietitians are required to apply scientific methods which reflect the state of medical knowledge in order to demonstrate the effectiveness of dietary measures. This approach ensures professional care, based on interdisciplinary cooperation and taking into account the latest findings of applied research in the field of nutrition medicine.

Graduates go on to work in healthcare institutions, in university and non-university research, in the education sector, or as independent professionals.

	Modules	Units*	ECTS
1	Applied Biostatistics	30	6
2	Evidence Based Nutrition Research	53	6
3	Research Project	23	6
4	Project and Quality Management	45	6
5	Hot Topics in Nutrition Medicine	75	6
6	Nutritional Interventions for Specific Target Groups	45	6
7	Nutrition Psychology and Counselling	75	6
8	Applied Nutrition Medicine I	90	12
9	Applied Nutrition Medicine II	90	12
10	Applied Nutrition Medicine III	90	12
11	Public Health Nutrition	60	6
12	Health Promotion in Practice	45	6
	Master's Thesis and Defence	2	30
		723	120

* 1 unit = 45 minutes



“Our Department combines a practical approach with innovative research and development. We have a strong interdisciplinary focus. Our work aims at encouraging and challenging our students so that they are well equipped for the world of work and capable of actively shaping their professional future.”

Gabriele Schwarze, MSc MAS
Head of the Department of Health Studies

FH JOANNEUM

FH JOANNEUM offers students sound academic training – our programmes are practice-oriented, project-based and interdisciplinary. Our university’s large network enables students to complete internships with leading companies and institutions in Austria and abroad and spend a semester studying at one of over 200 partner universities around the world.

GRAZ – Science and Culture

... in a nutshell: population over 270,000, student population around 50,000 at a total of eight universities. A historic centre, which is listed as a UNESCO world heritage site. Contemporary art and music, modern architecture, which has gained international renown as the Graz School. Eco-city, City of Design, business and innovation centre. Mediterranean flair, bustling urban atmosphere and exciting night life, plus many great places to dine out are part and parcel of the Graz experience.

www.graz.at

BAD GLEICHENBERG – Health and Tourism

A traditional health resort in the heart of the Styrian spa region, world-renowned training centres for the tourism and hospitality industry, seven hot mineral springs, the life medicine RESORT: Bad Gleichenberg is an ideal location for FH JOANNEUM institutes in the fields of health care and management. Students can expect a campus in green surroundings and a wide range of sports and leisure activities in the picturesque rolling landscape of eastern Styria.

www.bad-gleichenberg.at

For more detailed information about our degree programmes, application and admission please contact:
T: +43 (0)316 5453-8800
E: info@fh-joanneum.at, www.fh-joanneum.at
www.facebook.com/fhjoanneum