



Business fields

- ▶ hospitals (general radiological institutes, accident x-rays, children's x-rays, orthopaedic x-rays, angiography, mammography, CT, MR, US, nuclear medicine, radiotherapy)
- ▶ surgeries, x-ray institutes
- ▶ veterinary medicine
- ▶ industry and research

Campus locations

The city Linz with its developed infrastructure of Higher Education Institutes is a well established study location. Furthermore extensive cultural- and recreational facilities, a wide variety of gastronomic – and various residential possibilities as well as the best infrastructure offers the students an optimum study environment with high living quality.

The city Steyr has a long-standing tradition as a school town, is the home to various educational institutes and offers affordable student dormitories. The historic town at the water offers students a lot of advantages such as the best infrastructure, art and culture, various shopping possibilities and excellent gastronomy.



The close connection of the study programmes at the University of Applied Sciences for Health Professions in Upper Austria with the regional hospitals guarantees the successful realisation of the acquired expertise in practice.



University of Applied Sciences
for Health Professions Upper Austria

Bachelor-Programme Radiological Technology

University of Applied Sciences for
Health Professions Upper Austria
Med Campus VI.
Bachelor-Programme
Radiological Technology

Paula-Scherleitner-Weg 3
4021 Linz, AUSTRIA

Contact: Phone: +43 (0)50 344/27000; E-Mail: Radiologietechnologie@fhgoe.ac.at;
www.fh-gesundheitsberufe.at

University of Applied Sciences for
Health Professions Upper Austria
Campus Health, Pyhrn-Eisenwurzen
Klinikum Steyr
Bachelor-Programme Radiological Technology

Sierninger Straße 170
4400 Steyr, AUSTRIA



issue 2019



"Radiological Technology is a particular profession which connects the areas medicine and technology. Nevertheless it always puts the needs of people first."

Daniel Schneeweis, BSc graduate



Brief programme profile

Programme duration: **6** semesters, full-time

Campus Health, Pyhrn-Eisenwurzen
Klinikum Steyr, Med Campus VI., KUK Linz


Graduation: Bachelor of Science
in Health Studies (BSc) 



48 Study places
per year

Study fees

Registration
procedure

 050 344/27000

@ Radiologietechnologie@fhgooe.ac.at

Requirements: general university eligibility, adequate specific secondary school vocational certificate, certificate of access to higher education, relevant professional qualifications

Bachelor-Programme Radiological Technology

Radiological technology offers insight into inside of the human body. It combines medicine and technology and is used in diagnostics, for therapeutic purpose and in science.

Programme

Radiological technologists carry out examinations and treatment on patients using state-of-the-art technology. The Radiological Technology Bachelor study programme aims to convey to the students extensive theoretical know how and practical skills, which will enable them to work autonomously and independently on and with the patients.

As well as expertise in technical methodology, the students acquire socio-communicative skills such as conflict management, the ability of self-reflection, capacity for teamwork, role distance etc. Furthermore they learn the fundamental concepts of scientific work. In the accompanying internship the student is offered the opportunity to realise and to intensify the acquired know how under expert guidance.

The study programme is divided into modules, which are partly offered on an inter-disciplinary basis. The curriculum is characterised by a balance between in-depth theoretical education, science and work experience. Graduates of the study programme are in a position, to expertly carry out the allocated tasks, while combining the know how from the various disciplines. They have learned to act reflectively and autonomously in their professional daily routine and to act in accordance with their code of conduct.

Module Plan

Semester 1	
General Medical Basics	AMG
Medical Basics for Radiology	SMG
Radiophysics and Radioprotection	SPS
Radiological Image Processing	RBV
Radiological Diagnostics 1	RAD 1
Basics of Health Professions	GGB
Communication and Cooperation	KUK
Professional Placement 1	BPR 1

Semester 2	
Medical Basics for Radiology	SMG
Radiophysics and Radioprotection	SPS
Radiological Diagnostics 2	RAD 2
Cross-Sectional Imaging Modalities 1	SBV 1
Basics of Scientific Skills 1	GWA 1
Professional Placement 2	BPR 2

Semester 3	
Cross-Sectional Imaging Modalities 2	SBV 2
Radioprotection	STS
Nuclear Medicine	NUC 1
Radiotherapy	STH
Radiological Image Processing and Editing inclusive Medical Information Technology	RIK
Professional Placement 3	BPR 3

Semester 4	
Cross-Sectional Imaging Modalities 3	SBV 3
Radiological Image Processing and Editing inclusive Medical Information Technology	RIK
Practice in Clinical Use	UKS
Radioprotection	STS
Nuclear Medicine	NUC 2
Radiotherapy	STH
Basics of Scientific Skills 2	GWA 2
Professional Placement 4	BPR 4

Semester 5	
Autonomous Area	FAB
Professional Placement 5	BPR 5

Semester 6	
Current Research	AFO
Management in the Health Sector	MIG
Elective Module 1 – Personal Competences	SEK
Elective Module 2 – Social Competences	SOK
Basics of Scientific Skills 3	GWA 3
Elective Professional Placement	WPR

Professional Methodical Competences
Social Communication and Personal Competences
Professional Placement
Scientific Competences

Job description

As specialists in the fields of x-ray, tomographic techniques, nuclear medicine and radiotherapy, radiological technologists are responsible for the correct execution of examinations and all the work involved with this. The data from the image and in text form the indispensable basis for the further results and diagnosis by the doctor. In radiotherapy radiological technicians accompany the patients over a longer period of time and are responsible for planning the radiotherapy and for carrying out the individual treatments. As a result of their in-depth training they are also specialists for the sound radiation protection training and quality assurance.



The job of the radiological technicians is characterised by an interdisciplinary approach and is a varied and responsible field of work.

Possibilities of further education

The completion of this Bachelor Programme entitles the graduate to participate in professional, but also in management or pedagogical Master Programmes in the field of the health professions. It is also possible to do further master and doctorate studies in Austria or abroad.

