

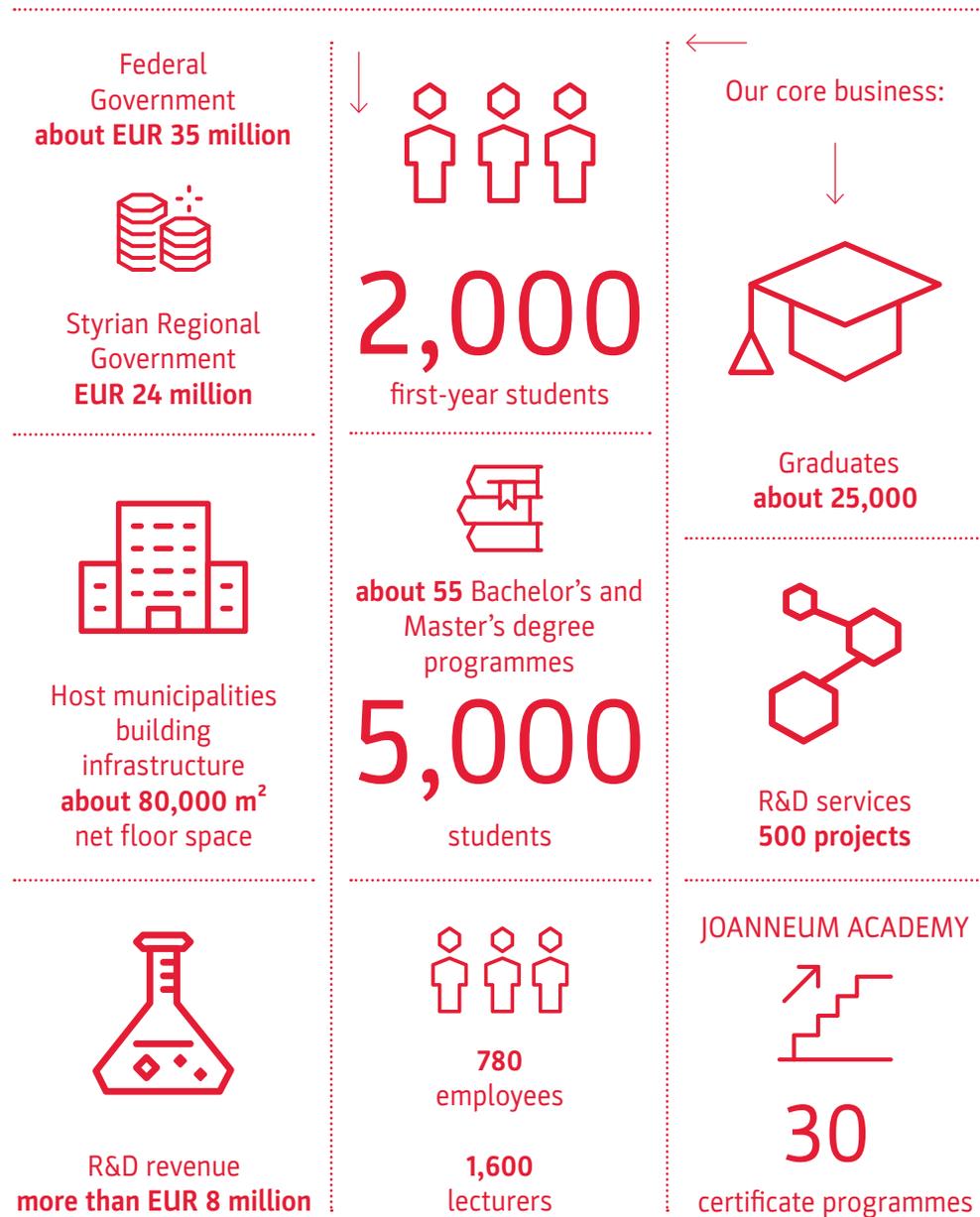
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**FH | JOANNEUM**  
University of Applied Sciences

# UNIVERSITY OF APPLIED SCIENCES



# The FH JOANNEUM Business

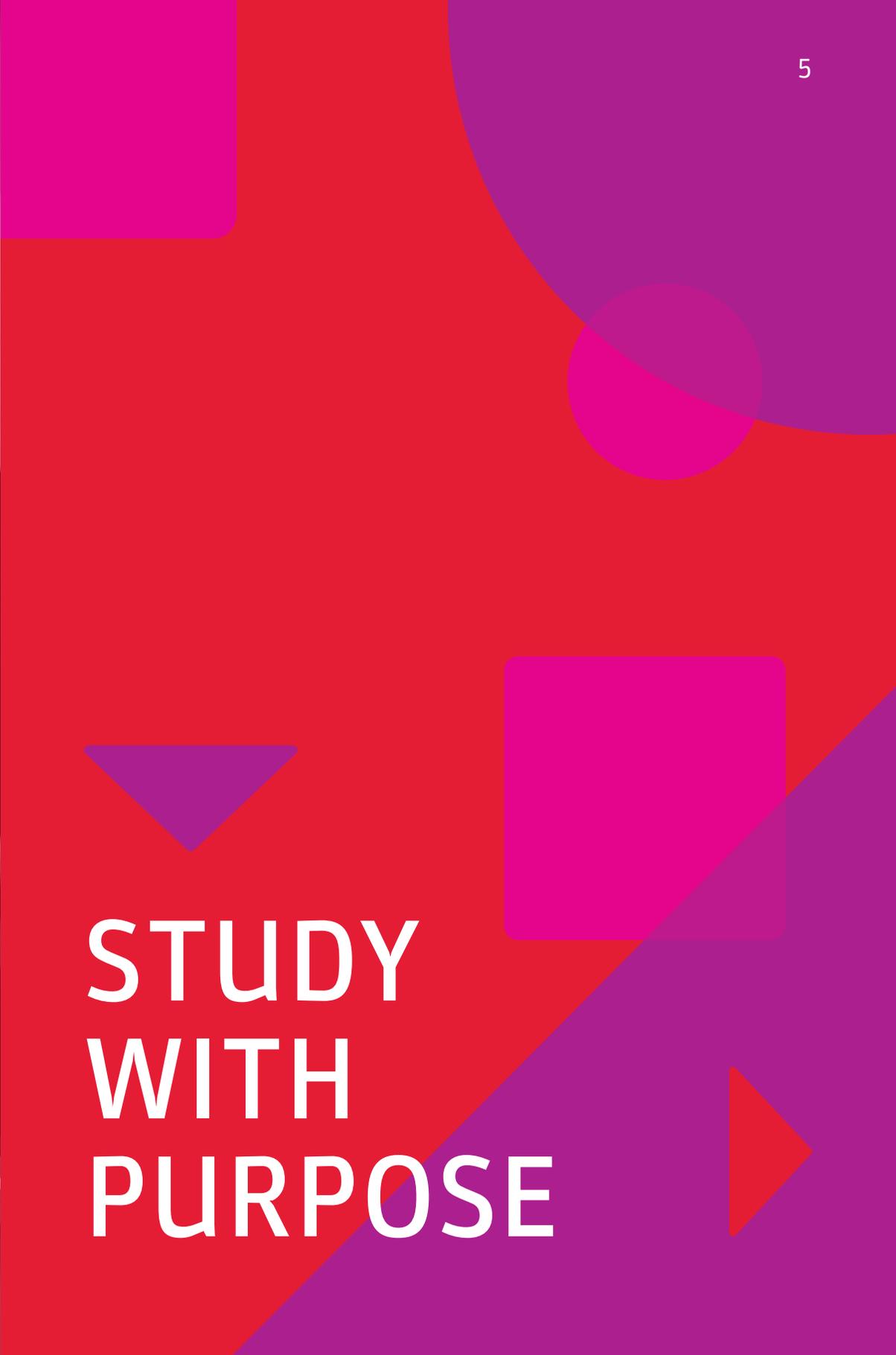


# FH JOANNEUM, University of Applied Sciences

## Innovative teaching, learning and research.

**F**H 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 300 partner universities around the world.

Research and teaching at the Degree Programmes and Institutes is structured in six Departments. Our thematic focus is on future career profiles and topics from society and business. We measure ourselves by international standards, promote interdisciplinary and cross-departmental cooperation and have established close networks with our partners and the scientific community. In Styria, we are embedded in a unique ecosystem of outstanding universities, renowned research institutions and successful companies. As an interdisciplinary university of applied sciences with excellent employees, our goal is to make a significant contribution to the economy and society, and to shape our future together.



**STUDY  
WITH  
PURPOSE**

# DEVELOP WITH PURPOSE



## APPLIED COMPUTER SCIENCES

Bachelor's degree programmes	Acad. Degree	Mode of Study	Campus
eHealth	BSc	Full-time	Graz
Mobile Software Development	BSc	Co-op	Graz / Kapfenberg
Software Design & Cloud Computing	BSc	Full-time	Kapfenberg
Software Design & Cloud Computing	BSc	Part-time	Kapfenberg
Business Informatics	BSc	Full-time	Graz

Master's degree programmes	Acad. Degree	Mode of Study	Campus
Business Informatics Study tracks: - IT Architecture - Software and Digital Experience Engineering	DI	Work-friendly	Graz
Data Science and Artificial Intelligence <sup>1</sup> Study tracks: - Big Data and Business Intelligence - Machine Learning and Generative AI - Industrial Data Science and AI-based Optimisation	MSc	Work-friendly	Graz
eHealth	MSc	Work-friendly	Graz
IT & Mobile Security	MSc	Part-time	Kapfenberg
IT Law & Management	MA	Part-time	Kapfenberg

<sup>1</sup> Language of instruction: English

The Applied Computer Sciences Department develops effective, efficient and secure IT products and systems and cooperates with institutions and companies in industry and business, particularly in the healthcare sector. We work in interdisciplinary teams to develop IT solutions which incorporate all the various technological, economic, legal and societal aspects at multimedia level. In integrating a diverse range of systems we take particular care to implement solutions that are user-friendly, secure and future-oriented. Graduates from our computer science programmes are known for their networked thinking. As IT experts they possess in-depth technological know-how as well as business skills and creative talent.

# BUILD WITH PURPOSE



## BUILDING, ENERGY & SOCIETY

Bachelor's degree programmes	Acad. Degree	Mode of Study	Campus
Construction Design and Economics	BSc	Full-time	Graz
Energy, Mobility and Environmental Management	BSc	Work-friendly	Kapfenberg
Social Work	BA	Full-time	Graz

Master's degree programmes	Acad. Degree	Mode of Study	Campus
Architecture	DI	Work-friendly	Graz
Construction Management and Engineering	DI	Work-friendly	Graz
European Green Transformation	MSc	Part-time	Graz, Kapfenberg
Energy and Transport Management <sup>1</sup> Study tracks: - Energy Technologies - Mobility Technologies	MSc	Work-friendly	Kapfenberg
Social Work	MA	Part-time	Graz

<sup>1</sup> Language of instruction: English

What are the ideas, concepts and measures needed for social coexistence in the 21st century in terms of architecture, building, environment and social affairs? These are the questions we seek to answer in the Department of Building, Energy & Society. We plan future-oriented living spaces, develop responsible transport solutions and work on building the city of the future. We design sustainable residential and commercial buildings, conduct research into renewable forms of energy and aim to support people in dealing with difficult situations in life. Networked thinking and an international perspective enable our students to combine their economic, technical, social and legal skills in the development of innovative and creative solutions. Graduates from the Building, Energy & Society Department are openminded experts who work in a wide range of career fields and contribute towards positive social development.

# INVENT WITH PURPOSE



## ENGINEERING

Bachelor's degree programmes	Acad. Degree	Mode of Study	Campus
Electronics and Computer Engineering	BSc	Full-time	Graz
Automotive Engineering	BSc	Full-time	Graz
Industrial Mechatronics	BSc	Co-op	Kapfenberg
Aviation	BSc	Full-time	Graz
Sustainable Food Management	BSc	Full-time	Graz
Production Technology and Organization	BSc	Co-op	Graz

Master's degree programmes	Acad. Degree	Mode of Study	Campus
Electronic Engineering <sup>1</sup> Study tracks: - Embedded Systems Engineering - Power Electronic Engineering - System Test Engineering	MSc	Work-friendly	Graz, Kapfenberg
Engineering and Production Management	MSc	Co-op	Graz
Automotive Engineering <sup>1</sup>	DI	Full-time	Graz
Food: Product and Process Design	MSc	Part-time	Graz
Aviation <sup>1</sup>	MSc	Full-time	Graz

<sup>1</sup> Language of instruction: English

The Engineering Department focuses on innovations in mechanical engineering, electronics and process engineering, working in close cooperation with leading companies and institutions. We carry out large-scale international projects to develop new solutions for the e-mobility sector and for all kinds of industrial products: from cars to aircraft and foodstuffs. What motivates us is taking a product idea through to successful implementation in a life cycle approach. We are fully aware of our responsibility towards future generations and are committed to sustainability as a key aspect of our applied research activities.

Graduates from our engineering degree programmes are in international demand and are well-qualified to meet the challenges of technological innovation while using their extensive skills in contributing towards sustainable development.

# CARE WITH PURPOSE



## HEALTH STUDIES

Bachelor's degree programmes	Acad. Degree	Mode of Study	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 programmes	Acad. Degree	Mode of Study	Campus
Mass Spectrometry and Molecular Analysis	MSc	Part-time	Graz

The Department of Health Studies is actively engaged in the wide-ranging aspects of healthcare and medical care. 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 healthcare. Graduates from the Health Studies Department meet increasing challenges in the healthcare sector with a caring attitude and professional expertise in a wide range of future-oriented career fields.

# LEAD WITH PURPOSE



## MANAGEMENT

Bachelor's degree programmes	Acad. Degree	Mode of Study	Campus
Banking and Insurance Industry	BA	Part-time	Graz
Health and Tourism Management	BA	Full-time	Bad Gleichenberg
Industrial Management	BSc	Full-time / Part-time	Kapfenberg
International Management	BA	Full-time	Graz

Master's degree programmes	Acad. Degree	Mode of Study	Campus
Banking and Insurance Industry Study tracks: - Bank Management - Insurance Management	MA	Part-time	Graz
Digital Entrepreneurship	MA	Work-friendly	Graz
Health, Tourism & Sport Management Study tracks: - Quality of Life and Sustainability in Tourism - Health Management and Public Health - Sport and Event Management	MA	Work-friendly	Bad Gleichenberg
Global Strategic Management <sup>1</sup> Study tracks: - Global Green and Social Business - Global Leadership and HR Management - Global Strategic Decision Making	MA	Work-friendly	Graz
International Industrial Management	DI	Full-time / Part-time	Kapfenberg

<sup>1</sup> Language of instruction: English

Capturing new markets, making companies and institutions more productive, increasing the efficiency of technical as well as business processes and realising the potential of new products and services – the Department of Management focuses on meeting the challenges of the global economy. We manage regional and international projects in cooperation with companies and institutions in trade and industry, banking and insurance, tourism and healthcare. Our international network of academic and corporate partners enables students to gain valuable experience abroad by spending a semester at a foreign university or completing an internship with an international company. Their intercultural expertise qualifies our graduates to take up leading management roles – both in Austrian companies as well as in the trading centres and future markets around the world.

# CREATE WITH PURPOSE



## MEDIEN AND DESIGN

Master's degree programmes	Acad. Degree	Mode of Study	Campus
Industrial Design	BA	Full-time	Graz
Information Design	BA	Full-time	Graz
Journalism and Public Relations (PR)	BA	Full-time	Graz

Master's degree programmes	Acad. Degree	Mode of Study	Campus
Exhibition Design	MA	Work-friendly	Graz
Communication, Media, Sound and Interaction Design Study tracks: - Communication Design - Interaction Design <sup>1</sup> - Media Design - Sound Design <sup>1</sup>	MA	Work-friendly	Graz
Content Strategy <sup>1</sup>	MA	Part-time	Graz
Industrial Design	MA	Full-time	Graz

<sup>1</sup> Language of instruction: English

The Department of Media & Design shapes tomorrow's worlds of communication. We develop design solutions for products and services, create and design content for various channels of communication and work creatively in a digitally networked environment. In close cooperation with companies and institutions we translate practical requirements into functional and aesthetic solutions. Leading visionaries in the field continuously inspire our imagination and foster our implementation expertise. The wide range of opportunities available to graduates from our degree programme is reflected in the diverse careers they pursue. But there is one thing all our graduates have in common – a passion for future-oriented communication and design.



“The graduates of FH JOANNEUM, Styria’s university of applied sciences, are hugely important to the region as a business location. Their sound education and training makes them highly valued employees in Styrian companies, as well as social and healthcare institutions. They also shape our region as a living space and innovation location on many levels. I am convinced that the young people at our university of applied sciences will receive exactly the tools they need to turn their visions into reality.”

MMag. Barbara Eibinger-Miedl  
Regional Minister for Science and Research



“As a university for the future, the variety of initiatives and measures enacted by FH JOANNEUM makes it a driving force in the Austrian educational landscape. It applies new teaching methods, digital technologies, and sustainable topics to modernize the educational process for students and to make it more flexible. The university is also actively involved in research projects and partnerships which address current and future social challenges, especially in the areas of digitalization, sustainability and environmental protection. This sets the course for an innovative and sustainable future.”

Mag. Dr. Markus Tomaschitz, MBA  
Chairperson of the Supervisory Board



“FH JOANNEUM sees itself as a university for the future pursuing a holistic strategy to create a world of education that puts students at the centre and meets the challenges of the future. This strategy focuses on defossilization, demography, democracy, digitalization, and didactics. Digitalization is revolutionizing the educational process, which is why our academic teaching applies innovative, digital methods to optimize the learning process. We promote artificial intelligence (AI), blended learning, project work, start-ups, as well as practice-oriented and interdisciplinary approaches to optimally prepare our students to meet the demands of the digital workplace.”

FH-Prof. Dr. mont. Corinna Engelhardt-Nowitzki  
Rector and Scientific Managing Director



"As a university for the future, we prepare young, motivated people to meet the challenges of our time. In their professional careers, our graduates make an important contribution to overcoming technological, economic and social challenges. We support them by continuously investing in modern teaching and learning environments. We are particularly pleased to have been entrusted by the Styrian Government with the task of establishing a new healthcare and nursing campus in Kapfenberg. Our staff and students are actively involved in decision-making processes to create an inclusive university community that is strong and united on the path to the future."

Mag. Martin Payer, MBA  
Financial Managing Director



# RESEARCH WITH PURPOSE



## Research with Purpose: From creative idea to innovative application.

As a university of applied sciences we act as a strong driver for research innovation in close cooperation with our partners in industry and education.

**W**e carry out regional and cross-border projects to promote environmental, socially and economically sustainable concepts, combining creative impetus with a solution and market-oriented approach for the benefit of society. We thus make a sustainable contribution to further developing Styria as a business location and as a place to live and driving innovation in Styria and beyond.

FH JOANNEUM has firmly established itself both in the international research landscape and as a partner for small and medium-sized enterprises at the regional level. Our applied research ranges from the transfer of results from basic research to innovative services and developments. This ensures a close link between research and teaching and a high relevance for practical application.

We see modern research as a multidisciplinary mission to be fulfilled not only within the individual institutes but also within and across the six departments.



*We see modern research as a multidisciplinary mission to be fulfilled not only within the individual institutes but also within and across the six departments.*



## Advance with Purpose: JOANNEUM ACADEMY - Continuing education. Thinking ahead. Advancing.

In addition to teaching and research, continuing education is an established part of our DNA as a university. The JOANNEUM ACADEMY embodies the exchange of knowledge, practical relevance and interdisciplinarity, and offers a range of Master certificate programmes, academic certificate programmes, certificate programmes, modular training courses, seminars, workshops, lecture series, and courses.



# Locations of FH JOANNEUM



## GRAZ – Science and Culture

... in a nutshell: population over 300,000, student population around 60,000 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 plus many great places to dine out are part and parcel of the Graz experience.

[www.graz.at](http://www.graz.at)



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## KAPFENBERG – High Tech and Sports

Kapfenberg is home to a large number of innovative high-tech companies which act as global players in a worldwide business network. State-of-the-art laboratories and excellent business contacts throughout the world give graduates a head start in their careers. FH JOANNEUM Kapfenberg offers not only first rate education, but also a wide range of leisure opportunities, such as running and mountain bike trails, as well as cultural highlights.

[www.kapfenberg.at](http://www.kapfenberg.at)



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## 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](http://www.bad-gleichenberg.at)

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