Grias di, I'm Leopold!

#LEOPOLDAROUNDTHEWORLD
#IAMFROMFHUPPERAUSTRIA
Enrol and take the world a step forward! Studying at the University of Applied Sciences Upper Austria means practice-oriented collaboration on concrete projects from business and industry. Whether you want to develop the cars of the future, improve the quality of food products, market products globally or fight against cybercrime: you can put your ideas into practice with one of our 68 bachelor and master study programmes.

Linz, Hagenberg, Steyr, Wels

Come to us and make it real!
We help you to realise your ideas – those you already have and those which we develop together.

Our goal is for you to reach your full potential during your studies, if you wish, broaden your horizons during your studies abroad and even gain a foothold in your professional life or work on research projects because at the University of Applied Sciences Upper Austria studying while working is also supported.
EDUCATION AS YOUR PERSONAL KEY TO SUCCESS

Professional success means something different to everyone. In any case, getting the job one wants is an important step on the way there. By studying at Austrian’s largest university of applied sciences, you obtain the skills you will need to do so: regardless of whether you are embarking on your first course of studies after leaving school or if you want to continue your tertiary by completing a Master’s degree.

The University of Applied Sciences Upper Austria’s (FH Upper Austria) degree programmes, eleven of which are taught in English, have been offering practice-oriented, academic studies for 25 years. The fields offered range from engineering and economics to life sciences and social sciences – a variety of branches that is matched by hardly any other institution. The labour market is increasingly calling for international experience. Studies abroad offer the opportunity to acquire this advantage even before embarking on working life. Furthermore, project management, intercultural sensitivity and social skills are gaining importance.

The state of Upper Austria has invested about 400 million euros in the past years to maintain the highest international standards at the four campuses of FH Upper Austria through modern infrastructure, a versatile selection of study degree programmes and highly qualified teaching staff.

If you attach importance to practical orientation in your studies and to a competitive, internationally recognised qualification – studying at the FH Upper Austria is the right way to go. This study guide should serve as an aid to choosing the right degree programme. We would be happy to welcome you to Upper Austria soon. Study in Upper Austria. Gain international experience!
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# BUSINESS AND MANAGEMENT

**Steyr Campus**

<table>
<thead>
<tr>
<th>Program</th>
<th>Type</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Sales and Marketing (GSM)</td>
<td>FT</td>
<td>52</td>
</tr>
<tr>
<td>Global Sales and Marketing (GSM)</td>
<td>PT, FT</td>
<td>54</td>
</tr>
</tbody>
</table>

# ENGINEERING

**Wels Campus**

<table>
<thead>
<tr>
<th>Program</th>
<th>Type</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Engineering (EE)</td>
<td>FT</td>
<td>58</td>
</tr>
<tr>
<td>Automotive Mechatronics and Management (AMM)</td>
<td>FT</td>
<td>60</td>
</tr>
<tr>
<td>Electrical Engineering (EE)</td>
<td>FT</td>
<td>62</td>
</tr>
<tr>
<td>Innovation and Product Management (IPM)</td>
<td>FT</td>
<td>64</td>
</tr>
<tr>
<td>Sustainable Energy Systems (SES)</td>
<td>FT</td>
<td>66</td>
</tr>
</tbody>
</table>

**International Foundation Programme**

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**Student Ambassadors & Buddies**

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B = Bachelor’s degree programme  
M = Master’s degree programme  
FT = Full-time  
PT = Part-time

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STUDY IN AUSTRIA

Studying in the midst of a breath-taking Landscape
Austria's snow-capped mountains, crystal-clear lakes, rivers and historic cities, such as Salzburg and Vienna, attract tourists and business people from all over the world.
STUDY IN THE HEART OF EUROPE

Austria has a population of 8.7 million (2016) citizens thereof the majority are Roman Catholics 59%, Muslim 7% and Christian Orthodox 5.5%. The official language is German (minority languages: BKS, Turkish, Slovene, Hungarian, Czech, Roman). Austria is member of the European Union and has one of the highest standards of living, a low crime rate and stable democratic political system. The largest cities are Vienna, Graz, Linz, Salzburg and Innsbruck.

Upper Austria

The state of Upper Austria is located in the north of Austria and combines natural beauty with a thriving economy. Upper Austria is one of Europe’s leading regions in education, technology and employment. The economy is very much export oriented – in fact, more than 25% of Austria’s total exports originate from here.

Our industry partners

www.fh-ooe.at
REASONS TO STUDY AT THE FH UPPER AUSTRIA

Practice-oriented – International – Strong in Research

Anyone who studies at Austria’s largest and, in terms of research, strongest university of applied sciences has no need to worry about his or her future. The FH Upper Austria’s schools in Hagenberg, Linz, Steyr and Wels offer 69 Bachelor’s and Master’s degree programmes to choose from. With practice-oriented contents and job prospects that are more than promising, the FH Upper Austria is internationally oriented to enable its graduates to meet global challenges. The FH Upper Austria in figures:
« 4 schools
» 5,900 students – 19,720 alumni
» 68 degree programmes
  (31 Bachelor’s degree programmes – 37 Master’s degree programmes)
  thereof 11 are taught entirely in English plus more than 300 modules taught in English
» 500 research projects currently in progress

Roots in Practice, Experts from Business

The FH Upper Austria cooperates intensively with companies and institutions thus winning the support of leading experts for teaching and for practice-oriented student projects. CEOs, executive board members, entrepreneurs and established researchers with many years of practical experience in innovative and successful businesses in relevant professional fields give students insights into different sectors, leadership issues and challenges of today and tomorrow.

Sought after by the Market, Top Reputation within the Industry

99 percent of the FH Upper Austria graduates have currently a job. A survey of 200 companies have given the FH Upper Austria very good marks. The strong practical orientation through an intensive cooperation with businesses and industry as well as our graduates’ professional expertise, team spirit and communication skills, analytical skills and project management skills were rated very positively. More than 80 percent of the companies even reported that degree programmes at universities of applied sciences are better suited to the modern working world than degree programmes at traditional universities. This feedback is also confirmed by the good job prospects enjoyed by FH Upper Austria alumni.
Class Rather than Mass – Optimum Support for Students

Students at the FH Upper Austria receive the best-possible support from a modern infrastructure, personal attention and competent staff. The FH Upper Austria particularly fosters the founding of companies by its alumni; a service centre provides them with advice and practical support. Thus several successful entrepreneurial careers have begun at the FH Upper Austria from where internationally successful start-ups like Runtastic have sprung.

Study where New Knowledge is Generated

The FH Upper Austria generates one third of the total research output of Austria’s universities of applied sciences. With a turnover of around 20.43 million euros in 2018, the FH Upper Austria is top ranked in the whole German speaking area. Students experience applied research quite directly: the latest research findings flow quickly into teaching. Some Bachelor’s and many Master’s degree students actively participate in research projects and profit from the FH Upper Austria’s large network of partners. Current research topics often also provide practice-relevant tasks for final assignments.

Live, where it is Worth Living

Austria is a country with a long tradition and rich history. This can be seen, felt and above-all experienced everywhere. Upper Austria is, however, also primarily a versatile region and a pleasant one to live in with its good infrastructure, well-functioning health care system and a very high standard of living. The capital Linz has developed into a vibrant centre without losing the high level of safety it offers. After Vienna, Upper Austria is the economically strongest federal state and very export-oriented. This in turn gives our alumni very good job prospects in a wide range of sectors.

Networking without Borders – Partners on all Continents

The FH Upper Austria fosters a network of around 250 partner universities in about 60 countries. In addition to the 11 degree programmes taught in English and 18 double-degree programmes and 1 triple-degree programme that are currently offered, the range of courses taught in English is continuously being expanded and currently comprises over 300 courses. Students from all around the world can be met at the four faculties. As well as a semester abroad it is also possible to complete an internship or period of research abroad for example.
Make it real! Study computer science, communications or media at Hagenberg.
Choose from no fewer than 8 Bachelor’s and 12 Master’s degree programmes and join our close-knit community of 1,600 students and 6,300 alumni. Highly experienced staff of 270 professors and lecturers will teach you all you need to know about theory and praxis in your chosen subject.
Hagenberg is among Austria’s leading pioneers in practice-oriented teaching and applied research and introduced its first degree programme as long ago as 1993. Since then, our range of degrees has expanded considerably. Now you can choose from no fewer than 20 Bachelor’s and Master’s programmes in the fields of computer science, communications and media, many of which have won top rankings in national and international student and employer surveys. Research activities focus on cutting-edge topics: Software Technology & Applications, Media & Knowledge Technologies, and Information & Communication Systems. In these specialist areas our 11 research groups are working on innovative solutions for the digital future.

Welcome to Austria’s Silicon Valley

It’s no surprise that Hagenberg is widely known as ‘Austria’s Silicon Valley’, a reputation that extends worldwide. With its unique combination of IT-related education, research and business in one place, Softwarepark Hagenberg has established itself as a powerhouse of innovation in computing and software development.

Our Campus is an integral part of this successful technology park founded in 1989, which today hosts more than 75 companies, including 10 start-ups. The Softwarepark is also home to 10 research institutes, including our fourth Josef Ressel Center. More than 1,300 people are employed here, while 1,600 students work towards a Bachelor’s or Master’s degree at our School of Informatics, Communications and Media. A further 65 students are studying for a Master’s or PhD at a Hagenberg-based institute of Johannes Kepler University Linz (JKU), or on the University of Applied Sciences Upper Austria and JKU joint PhD programme. This dynamic environment not only provides an ideal setting for a practice-oriented, academic education but also excellent networking opportunities as well as attractive, on-site internships and employment opportunities for our students.

Modern Campus University

Our Hagenberg complex of 12,000 square metres offers plenty of space for study and research. They house over 60 computer labs, 19 seminar rooms and nine lecture halls with state-of-the-art equipment, a bio lab, a MakerLab, an audio and a greenbox studio. Our campus also has a comprehensive library, a large student canteen and a pub.
Accommodation

Our School is located amid the idyllic park of historic Hagenberg Castle. And in the small town there is everything needed for a well-balanced student life. Shops, supermarkets, restaurants and cafés are only a few minutes’ walk away. On campus, there are several halls of residence and flat-sharing apartment complexes with space for around 750 students, as well as private accommodation for rent. Hagenberg is just 20 km northeast of the Upper Austrian capital Linz and connected by the A7 motorway and public transport (buses). The nearest train station is just 10 minutes away by bus.

Sport and Leisure

Our Sports Society organises a wide range of activities, from football and kickboxing to yoga and zumba, providing exercise not just for the mind, but also the body. A new sports hall with a climbing wall, an outdoor fun court and beach volleyball courts are close by. Our university complex houses a rehearsal room for our many student bands. We are located in the picturesque Mühlviertel region, perfect for mountain biking, hiking, skiing, riding, running, swimming, etc. The city Linz with its rich cultural life is only 25 minutes away by car, and the Salzkammergut lake district and Alpine mountains are less than a one and a half hours’ drive.

The ÖH Students Union represents the student body and organises – often with our student association ‘IF Hagenberg’ – various social activities. With numerous student events including our popular ‘Winterfest’ and ‘Sommerfest’, our university has a lot to offer when it comes to entertainment and intercultural exchange. Likewise, social life on campus makes for a homely atmosphere and a close-knit student community. Our annual FH>>next Careers Fair with 130+ IT and media companies, various start-up events, along with our Security Forum, Game Jam, Knowledge Nights and showcase exhibitions all provide excellent networking opportunities.

International

Our 140 partner universities in almost 50 countries worldwide provide opportunities for a semester or two abroad. International and exchange students are professionally supported by our International Office and ‘buddy network’ during their Hagenberg stay. At our international fair or summer schools and workshops, too, you can meet and exchange ideas with people from other nations.

School of Informatics, Communications and Media
Softwarepark 11, 4232 Hagenberg
Phone: +43 5 0804 20, info@fh-hagenberg.at
Degree programmes in German

» Automotive Computing (BSc)
» Communication and Knowledge Media (BA/MA)
» Data Science and Engineering (MSc)
» Digital Arts (MA)
» Embedded Systems Design (MSc)
» Hardware-Software-Design (BSc)
» Human-Centered Computing (MSc)
» Information Engineering and Management (MSc)
» Information Security Management (MA)
» Media Technology and Design (BSc)
» Medical and Bioinformatics (BSc)
» Mobile Computing (BSc)
» Secure Information Systems (BSc/MSc)
» Software Engineering (BSc/MSc)

Degree programmes in English

» Energy Informatics (MSc)
» Interactive Media (MSc)
» Mobile Computing (MSc)
Make it real by studying at our School of Medical Engineering and Applied Social Sciences in Linz. Choose from 3 Bachelor's and 4 Master's degree programmes. Approximately 280 full-time and part-time professors and lecturers are currently teaching roughly 800 students and passing on practice-oriented knowledge and know-how. Almost 2,600 graduates have already laid the foundation for their careers right here.
STUDYING IN LINZ
School of Medical Engineering and Applied Social Sciences

Since 2001, the Linz Faculty of the University of Applied Sciences Upper Austria has focused on the human being as the centre of its professional and academic efforts. Our unique, interdisciplinary approach combines technology, management and service within the context of the health, social, and public sectors. Both the business as well as the nonprofit sector benefit from the broad range of ideas generated by our graduates and from the results of our innovative joint projects in applied research.

State-of-the-Art Laboratories – Modern Infrastructure

The seven medical engineering laboratories are a signature feature of our faculty next to modern lecture halls and a light-flooded library. The Department of Medical Engineering as a key element of the future ‘medical valley’ of Upper Austria is researching innovative technical solutions in medicine together with international partners. In 2015, it earned international acclaim with its study on the first prosthetic leg worldwide that can ‘feel’. Our students are experiencing innovation firsthand – sometimes even entirely in English, as in our Master’s programme. A comfortable lounge area with TV screens and free WiFi serves as a communicative meeting point.

Welcome to Linz – Equally Strong in Business as in Quality of Life

Linz, the capital of Upper Austria, is home to several universities and colleges and lies at the heart of one of the strongest business regions of Middle Europe. The city is characterised by its historical architecture as well as by space created specifically for the innovative ideas of our future information society. Gastronomically, Linz offers everything from quaint street cafés to traditional Austrian coffee shops to trendy bars. Urban flair and a cosmopolitan attitude go hand in hand with Austrian tradition and established structures. The title of European Capital of Culture 2009 is testimony to its rich cultural life.

Living in Linz

There are numerous student residences in Linz – please refer to our homepage for a comprehensive list. The WIST-dormitory is located in the immediate vicinity of the FH-Campus. Of course, it is also possible to share apartments.
Sports & Culture

Sports
The beautiful lakes of the Salzkammergut region are ideal for windsurfing, kitesurfing, and sailing. The hilly Mühlviertel region lends itself to being explored by mountain bike. The riverside paths on both sides of the Danube can be used for jogging. There are numerous sports clubs, such as the sports club of the University of Applied Sciences Upper Austria, which offer a large range of fitness activities, especially of the indoor variety.

Culture
As the European Capital of Culture 2009, Linz offers dense cultural ‘hardware’ and ‘software’. The regional theatre company operates a music theatre with opera and ballet as well as a traditional playhouse. The theatre company ‘Phönix’ also puts on traditional plays. The ‘Brucknerhaus’ concert hall offers excellent classical as well as jazz and ‘new’ music, while the ‘Posthof’ offers outstanding popular music events as well as cabaret and smaller-scale performing arts. There are also impressive museums such as the ‘Kunstmuseum Lentos’ (art museum), the ‘Oberösterreichische Landesmuseen’ (regional museums), the ‘Stadtmuseum Nordico’ (city museum) and the ‘Ars Electronica Center’ (AEC). In addition, Linz supports and offers a large variety of artistic initiatives and performances in a number of interesting and alternating locations, as well as independent movie theatres and cultural festivals in the areas of classics, film, pop, media art and street art.

International
The School of Medical Engineering and Applied Social Sciences collaborates with roughly 120 colleges and universities worldwide. This offers our students various opportunities for studying abroad and intense exchange of knowledge. Many of our students also benefit from international experience gathered during internships abroad. A buddy network supports our international students on campus and abroad.

Reach higher by studying at the University of Applied Sciences Upper Austria School of Medical Engineering and Applied Social Sciences in Linz. Choose from 4 Bachelor’s and 4 Master’s degree programmes. Approximately 300 professors and lecturers are currently teaching roughly 800 students and passing on practice-oriented knowledge. Almost 2,600 graduates have already laid the foundation for their careers right here.

School of Medical Engineering and Applied Social Sciences
Garnisonstraße 21, 4020 Linz
Phone: +43 5 0804 50, info@fh-linz.at
Degree programmes in German

» Applied Technologies for Medical Diagnostics (MSc)
» Healthcare, Social Services and Public Management (MA)
» Medical Engineering (BSc)
» Public Management (BA)
» Social Services Management (BA)
» Social Work (BA/MA)

Degree programmes in English

» Medical Engineering (Dipl.-Ing.)
Make it real by studying business or management in Steyr.
There are 6 bachelor’s and 6 master’s degrees to choose from. About 280 professors and lecturers are currently imparting practice-oriented knowledge to 1,400 students. Over 5,000 graduates have laid the foundations for their careers here.
STUDYING IN STEYR
School of Business and Management

Whether in creating brand images or production processes, developing new management tools or digitalized transport networks or getting a step ahead of the competition with big data, since 1995 Steyr Campus has been offering international, innovative bachelor’s and master’s degree programmes for all those who want to embark on careers as managers and shape tomorrow’s digital world. There are currently 12 such programmes with their focus on the fields of controlling and finance, marketing and sales, production, logistics, digital business or process management and business intelligence. More than 100 lecturers and research associates teach and research in the degree programmes and research groups that have received top rankings internationally.

Welcome to the new Steyr Campus

The three campus buildings in Steyr are not only eye-catching architecturally, and located directly by the waterside, but also offer state-of-the-art equipment and laboratories. The new Campus building, FH III, which opened in autumn 2019, now provides even more space for study and research. In addition to the new library, highlights include the new Eye-Tracking Laboratory, where, for example, evaluations are carried out, the Smart Factory Lab for testing mixed reality assistance systems or the Business Interaction Laboratory. In total, students, lecturers and researchers therefore have over 13,300 m² (net useable area) of space at their disposal. The modern campus is located just a few minutes’ walk from the historic city centre and the railway station.

New managers need digital fitness

Economic know-how and specialist expertise augmented by social competence and knowledge of foreign languages form the basis of every good business studies degree programme. At the School of Business and Management in Steyr, training goes way beyond that. Digital contents and digital leadership are an integral part of the syllabus in every degree programme. That is important because there is no aspect of business nowadays that is not strongly influenced by digital innovations. Only by being in a position to recognize new trends, choose the right tools and use them correctly can you be successful as a manager. And it is precisely this essential qualification that all graduates of Steyr Campus obtain.
Studying and Living in Steyr

Steyr offers everything you could wish for from student life. The modern campus in a fantastic location right by the water provides many sport opportunities (even a quick jump in the river), cool student events, exciting management talks and networking events with companies. Steyr is also the hub of Upper Austria's automobile industry. Well-known companies such as BMW, MAN, SKF, NKE and GFM have facilities here. Cooperation with many Upper Austrian and international companies means that it is not difficult for students to find an internship or a job during or after their studies. Just a few minutes’ walk from the campus, there is a student hostel, the Kolpinghaus, and numerous rooms and studio apartments to let at affordable prices. Our online accommodation platform helps with the search.

www.fh-ooe.at/wohnungsboerse

Sport and Leisure

The FH Sports Team offers many options such as climbing, yoga, soccer or rowing. The Steyrer Auen, meadows, right in the city are just ideal for walking, jogging and hiking and the Kalkalpen National Park, just 30 minutes away, is a real Eldorado for hikers and mountain bikers alike. The old town centre boasts both a theatre and a cinema and plenty of places to party; at Students’ Pub events or in the Röda culture centre, where concerts take place and the bar with its outdoor seating area invites you to relax.

A truly international student experience

Many of Steyr’s students make use of our global network, graduate with international double-/triple-degrees, complete their studies entirely in English or gain experience during a semester abroad. The School of Business and Management is an international hub for first class education in management and offers all students the opportunity to spend a semester abroad at one of around 120 partner universities in around 50 countries worldwide. The aim is to strengthen their intercultural competence and foreign language skills. A buddy network supports both regular and exchange students. Campus events like the International Week with the Cross-Cultural Business Conference and the International Fair provide exciting opportunities for knowledge transfer, cultural exchange with other nations and give the campus an international flair.

School of Business and Management
Wehrgrabengasse 1–3, 4400 Steyr
Phone: +43 5 0804 30, office@fh-steyr.at
Degree programmes in German

» Accounting, Controlling and Financial Management (BA/MA)
» Digital Business Management (MSc)
» Digital Transport and Logistics-Management (MSc)
» International Logistics Management (BA)
» Marketing and Electronic Business (BA)
» Operations Management (MSc)
» Process Management and Business Intelligence (BA)
» Production and Management (BSc)
» Supply Chain Management (MA)

Degree programmes in English

» Global Sales and Marketing (BA/MA)
Make it real by studying engineering or the environmental sciences in Wels.
Choose between 14 Bachelor’s and 15 Master’s degree programmes.
Knowledge is conveyed to the currently 2,100 students by around 400 professors and lecturers using a practice-oriented approach. Up to now, 5,900 graduates have laid the foundations for their career with us.
STUDYING IN WELS
School of Engineering

The Upper Austrian School of Engineering in Wels is one of the pioneers in the university of applied sciences sector since its founding in 1993. With its main focus areas and the highly successful research projects it counts as one of the most renowned Universities of Applied Sciences in Austria. With approximately 240 full-time members of academic staff and a very high RD share in acquired third-party funding in 6 different research areas, it is among the best universities of applied sciences, also in research matters.

Welcome to the Leading Research School

The School of Engineering in Wels offers scientifically sound, hands-on degree programmes that are internationally recognised. There are many reasons to study at the University of Applied Sciences in Wels: in addition to the high-quality training, good staff-student ratio and top job prospects, a seamless transition into a meaningful career is one of the greatest advantages. Many students complete their Bachelor’s or Master’s Theses in cooperation with partner companies or as research assistants in one of the numerous research projects in Wels during their studies.

Research is carried out in Wels in the areas of automation technology and simulations, measurement and testing technology, food technology and nutrition, energy and the environmental sciences, innovation and technology management, materials and production technology.

Modern, Well-Equipped Campus

The University of Applied Sciences Upper Austria Campus in Wels is also one of the most modern technical faculties. A total of around 60 million euros have been invested in the premises and laboratory equipment in Wels to make it state of the art. Meanwhile, the campus extends across 9 buildings with about 60 modern laboratories, a library and cafeteria. At the moment there’s a big laboratory building under construction.

Living in Wels

In its 2,000 years of history, the second largest city in Upper Austria developed into a hub especially during the Roman era and the Middle Ages. The Wels International Fair
and the small and medium-sized enterprises in and around the metropolitan area of
the city today makes it an important business location with an international reputation.
Cooperation between business, industry and the Upper Austrian School of Engineering
in Wels make it an extremely attractive place to study, with ideal travel connections
(motorway A25, A9, A1; Western-line of National Railway). The nearby Kolping
student residence halls can accommodate 145 people, and the new ‘Georg Ober-
haidinger-Haus’ halls can accommodate 100 people. Additional student housing is
currently in planning, although many students live in shared apartments.

**Sport and Leisure**

A university-wide sports club provides physical alternatives and possibilities. This
includes all common types of sports, from running and fitness training, football and
volleyball, snowboarding, climbing, karate and kickboxing to dance classes. The
lakes of the Salzkammergut (Attersee, Traunsee, Mondsee) and the nearby mountains
and ski areas are only about 45 minutes away by car. In addition to the Roman town
of Wels, the state capital Linz (approx. 30 minutes by car and 10 minutes by train),
offers a rich cultural setting. For these reasons, students in Wels benefit on the one
hand from the top job prospects in the industrial triangle of Linz – Wels – Steyr, and
on the other hand from a wide range of cultural and physical activities.

The Student Union takes care of student interests and organises numerous events,
with such fixtures as two big campus parties every semester, the Solarcar Challenge,
the Alumni Meeting and the Students’ Union ‘Seiterl’ or Punch Stands, which are held
regularly on Thursdays, helping to form the social ‘family’ of students in Wels. The
Student Union offers a social programme with special perks for the nightlife
in Wels.

**International**

Around 250 partner universities in more than 60 countries currently offer students
attractive opportunities for a semester abroad. Wels Campus also offers 5 international
degree programmes and hosts more than 150 international students on campus.
A buddy network supports international full-time and exchange students, while
campus events, such as the International Evening and English Lunch, encourage an
active exchange of knowledge and culture with students from other nations.

**School of Engineering**
Stelzhamerstr. 23, 4600 Wels
Phone: +43 5 0804 40, info@fh-wels.at
Degree programmes in German

» Agricultural Technology and Management (BSc)
» Applied Energy Engineering (BSc/DI or Dipl.-Ing.)
» Automation Engineering (BSc/DI or Dipl.-Ing.)
» Bio- and Environmental Technology (BSc/MSc)
» Civil Engineering (BSc/DI or Dipl.-Ing.)
» Food Technology and Nutrition (BSc/MSc)
» Intelligent Production Engineering (BSc)
» Innovation Engineering and Management (BSc)
» Lightweight Design and Composite Materials (BSc/DI or Dipl.-Ing.)
» Materials and Process Engineering (BSc/DI or Dipl.-Ing.)
» Mechanical Engineering (BSc/Dipl.-Ing.)
» Mechatronics and Business Management (BSc/MSc)
» Process Engineering and Production (BSc)
» Product Design and Technical Communication (BSc)
» Plant Construction (MSc)
» Robotic Systems Engineering (DI or Dipl.-Ing.)

Degree programmes in English

» Automotive Mechatronics and Management (MSc)
» Electrical Engineering (BSc/MSc)
» Innovation and Product Management (MSc)
» Sustainable Energy Systems (MSc)
WHAT IS A BACHELOR’S DEGREE PROGRAMME?

A six-semester Bachelor’s degree programme leads to the internationally recognised first academic degree, the ‘Bachelor of Arts’ (BA) or the ‘Bachelor of Science’ (BSc). This opens the doors to working life and also to a four-semester Master’s degree programme. The ‘Master of Arts’ (MA) or ‘Master of Science’ (MSc) is the prerequisite for embarking on doctoral studies.

In the EU as well as in many non-EU-member countries the three-tier ‘Bologna-System’ – Bachelor’s, Master’s degree programme and PhD/Doctorate – facilitates the international recognition and comparability of academic degrees. This makes it possible for parts of degree programmes to be completed at different national and international universities. Credit for this is given via ECTS-credits ('European Credit Transfer System'), which are collected during a degree programme. A Bachelor’s degree programme at University of Applied Sciences Upper Austria comprises 180 ECTS and a Master’s degree programme 120 ECTS.

Semester Abroad & Internship

Studying Abroad
A semester abroad provides new insights, experiences and contacts. It is an option that is open to all students subject to syllabus compatibility and/or agreement with the head of studies, in some degree programmes a semester abroad is even mandatory. Agreements with partner universities regulate the partial acquisition of their qualifications within the framework of a period of study abroad (double-degree).

Internship
All Bachelor’s degree programmes include an internship in a company or organisation at home or abroad. Students will be supported in finding a suitable internship placement by the degree programme administration. In the case of part time students, special regulations take a student’s individual situation into consideration.

Order of Study
The good news is that study degree programmes are organised to make it possible to complete all prescribed courses and examinations in the intended study period. Students at the University of Applied Sciences Upper Austria are not confronted with long waiting lists. Practice-
oriented sessions and seminars in small groups guarantee optimum student support. Specific focus areas have plenty of room in the syllabi. Teaching is carried out by professors from the University of Applied Sciences Upper Austria as well as leading experts from the individual professional areas. These specialists and leaders from industry contribute their top know-how while providing valuable contacts to the real life working world.

**Academic Calendar**

- **Winter Semester**: Beginning of September or beginning of October (depending on degree programme) to mid-February
- **Summer Semester**: Beginning of March – mid-July

**COSTS AND FUNDING**

**Tuition Fees**
A study degree programme is an investment in one’s own future, whereby financial aspects must of course be carefully considered. The University of Applied Sciences Upper Austria charges tuition fees for Bachelor’s and Master’s degree programmes as follows:
- EU/EEA citizens: 363.36 EUR per semester (plus EUR 19.20 Austrian Student Union fee).
- Citizens from non-EU/EEA countries: 726.72 EUR per semester (plus EUR 19.20 Austrian Student Union fee). Merit-based scholarships are available.

**Please note**: Exchange students are exempt from tuition fees!

**Cost of Living**
The costs of accommodation and living vary depending on the city in which the school is located and on the student’s personal life style. In general one must calculate approximately € 800 a month.

**Grants & Scholarships**
Financial support may be available depending on your country of origin and degree programme. Details of these can be found on the Internet portal [www.grants.at](http://www.grants.at).

**Information for Applicants from Germany**
‘Auslands-BAföG’ is a grant from the German state for studying in Austria! Further information can be found under [www.auslandsbafoeg.de](http://www.auslandsbafoeg.de).
An international school leaving certificate or university degree qualification can be recognised as equivalent to an Austrian one due to either a bilateral agreement or a proof of made up course content at an approved university, or official conversion into an Austrian qualification via the process known as ‘Nostrifizierung’. The required proof of fulfilling the entrance requirement for higher education also depends on the country of origin. Detailed information on individual countries and qualifications can be found on http://anabin.kmk.org. Every case has to be considered individually. In principle the following requirements apply:

» For Bachelor’s Degree Programmes
  ‘A’-Level/high school certificate (or equivalent)

» For Master’s Degree Programmes
  Most degree programmes at the University of Applied Sciences Upper Austria are designed consecutively. That means, there is a connection in terms of content between a Bachelor’s degree and the consecutive Master’s degree. Access to the Master’s degree programmes is open to graduates from relevant ‘related’ Bachelor’s degree programmes in other universities in Austria and abroad. Successful completion of at least a 6-semester specialised relevant Bachelor’s degree or a comparable academic qualification (min. 180 ECTS) from a recognised tertiary education institution is required. For specific prerequisites and recognition of previous qualifications please refer to the degree programme to which you are applying. In certain cases missing ECTS credits in certain subjects must be made up.

» Language Requirements
  Applicants from abroad must prove their proficiency in the language(s) of instruction at the time of their application. Depending on the degree programme, language certificates for German (at least B2) or English (B2, Toefl 78, IELTS 6.0 certificate) must be presented. To further increase the excellent job prospects of our graduates, international students require German language skills (B2-Level) by the end of their studies.
Legalisation and Translation

Legalisation confirms the authenticity of documents and signatures and has to be done in three different modes (no legalisation is required, legalisation in the form of an apostille or full diplomatic legalisation), depending on the issuing country.

We accept original documents in German or English. Translations must be done, if required, after legalisation.

VISA ARRANGEMENTS

Entry and Residence Permit for Foreign Students

It is the student’s obligation to take care of visa/residence permit arrangements for entry to and the duration of their stay in Austria.

EU/EEA nationals

No entry or residence title necessary

Stays of more than 3 months: Confirmation of registration

Non-EU nationals

A) Stays for a max. of 6 months

Visa C or D or D+C

B) Stays of more than 6 months

Residence permit Student

Detailed information can be found:

www.studyinaustria.at/en/living/entry
www.oead.at/entry

To find out where to apply for a visa in your home country go to:

www.bmeia.gv.at/en/embassies-consulates
Working in Austria

Whether or not students are allowed to work in Austria depends on the nationality, the kind of work and for nationals of non-EU countries also on the type of the residence permit held.

Exemptions
No work permit is needed:
» In the case of activities in research & development
» For students of most EU/EEA-countries (exception: students from Croatia still need a work permit till 2020)
» For students who study at a university of applied sciences as part of a bilateral exchange programme (please note, this is only valid for internships up to 15 weeks for a Bachelor’s and 20 weeks for a Master’s degree programme and does not apply to international degree-seeking students)
» In the case of students of non-EU countries for a maximum of the following working hours: students of a Bachelor’s degree programme: 10 hours per week, students of a Master’s degree programme: 20 hours per week (these hours can only be exceeded with permission from the AMS)
» For internships included in the curriculum
» For voluntary work (without commitment to work and without pay claim up to 3 months per calendar year)

Deadlines for Application

31 January | 31 March | 30 June 2020

This does not apply for: Media Technology and Design, Social Work, Mobile Computing (MSc), Energy Informatics, Interactive Media. For non-EU residents the respective deadlines may be shorter due to longer process times for visa applications.

Any applications for the academic year 2020/21, that reach us after the 30 June 2020, will be processed if places are available.
5 STEPS TO STUDY

1  Information
Being well-informed is a prerequisite of choosing the right degree programme and profession. You can obtain a wide range of insights from our website, social media, conversations with professors and students as well as information days. www.fh-ooe.at/programmes

2  Application
Send your documents either immediately online or on paper. It is possible to apply for two degree programmes simultaneously.
Required documents: CV, personal statement, birth certificate, passport copy
Bachelor’s programmes: transcript of grades of the last 2 years, university entrance qualification certificate
Master’s programmes: transcript of records, university degree certificate
www.fh-ooe.at/application

3  Admission Process
Applicants to all study degree programmes, who fulfil the formal prerequisites, will be invited to an interview. A further component of the process can be a potential test or a portfolio. www.fh-ooe.at/admission-process

4  Feedback
All applicants receive detailed information regarding the application process at the interview. Some programmes also send out written feedback regarding the status of their applications.

5  Semester Start
Studying begins with degree programme specific introductory and info events on campus life.
Europe: Belgium, Denmark, Croatia, Cyprus, Czech Republic, Estonia, Finland, France, Georgia, Germany, Hungary, United Kingdom, Ireland, Iceland, Italy, Latvia, Lithuania, Malta, Moldova, The Netherlands, Norway, Poland, Romania, Sweden, Switzerland, Serbia, Slovakia, Slovenia, Spain, Turkey, Ukraine,
Africa: Egypt, Zambia
Asia: Bangladesh, China, Hong Kong, India, Japan, Jordan, Kazakhstan, Malaysia, Philippines, Russia, Singapore, South Korea, Taiwan, Thailand
America: Argentina, Brazil, Canada, Chile, Colombia, Cuba, Mexico, United States of America, Uruguay,
Australia: Australia, New Zealand
STUDYING INTERNATIONALLY

Semester Abroad at Partner Universities
Semesters abroad can be completed at around 250 partner universities in about 60 countries. Many students take advantage of this opportunity as international experience not only looks good on a CV, but also provides linguistic competence, intercultural know-how and international networks and friends. A range of grants and financial support opportunities are available for financing the semester abroad.

www.fh-ooe.at/partner-universities

Double-Degree Programmes
In addition to a regular semester abroad, around 18 different double-degree programmes are offered by the University of Applied Sciences Upper Austria.

Triple-Degree Programme
This programme in Global Sales & Marketing equips the students to develop and manage general business, sales and marketing activities, in cooperation with the CETYS University (Mexico) and the Providence University (Taiwan).

Internship Abroad
This opportunity to study abroad is also used by many students. The University of Applied Sciences Upper Austria supports students with the necessary documents and information about grants. Travel and residence costs are met by the students themselves or the organisation offering the internship.

Studying in English
2 Bachelor’s and 9 Master’s degree programmes are offered entirely in English. Further international degree programmes are currently being planned. A detailed description of these degree programmes can be found in this study guide. Many lectures and practice-oriented sessions are taught in English in all degree programmes, the total range offered comprises 300 courses.

Internationalisation at Home
Over 550 exchange students from around the world complete their semester abroad at the University of Applied Sciences Upper Austria each year, bringing international flair to the four schools. Courses taught in English, guest professors from all around the world, summer schools and international weeks are an important part of internationalisation at home. Moreover, these initiatives are also supported by many Austrian universities and organisations.

www.fh-ooe.at/international
Be right in the middle of things – from the start!
Making contacts as you are studying is considered to be good form at the University of Applied Sciences Upper Austria. Our first-class network is what makes us the strongest Austrian university of applied sciences in research – and this, in turn, makes for excellent job prospects.
GAINING PRACTICAL EXPERIENCE

Study Project
Projects are a fixed component of a degree programme. Small groups of students work on a concrete task set by a company or organisation in accordance with the syllabus. This gives students an opportunity to apply their up-to-date know-how in practice. The companies/organisations receive concrete project results, which are also presented by the students themselves.

Internship
While studying for their Bachelor’s degrees, students are required to complete an internship in a company or organisation in Austria or abroad. The aim of this is to achieve practical consolidation of knowledge and its target-oriented application in the future work environment. Students are required to solve a measureable and clearly defined project task. The task can be chosen from the taught content of the relevant syllabus. Companies support interns with professional expertise and also evaluate their performance. The duration of the internship is between 9 and 24 weeks.

Master Thesis
Students often write this academic paper for companies as this might be a career ticket. More and more students are also fascinated by research and use the master thesis as an opportunity to work on one of the numerous University of Applied Sciences Upper Austria research projects.

External Experts
Experts who are involved in the day-to-day real-life working world bring state-of-the-art know-how and new perspectives into the courses. Complementing the work of our professors, they emphasise primarily the practice-oriented aspect of a university of applied sciences degree programme.

Events and Job Fairs
Various specialist exhibitions, forums and job fairs at the four faculties provide the students with a platform to get into contact with decision makers, experts and HR officers. Field trips and educational stays abroad open a further window into professional life.

Collaboration on Research Projects
Numerous master students can take on individual work packages in running applied research projects. This gives them an opportunity to gain first class competencies in practice-relevant research fields. As already mentioned, the master thesis can also be closely connected to project contents.
What is the opposite of boredom?
A campus that offers all sorts of opportunities beyond studying: from sports to fun.
WHAT DOES THE CAMPUS HAVE TO OFFER?

Student Life
From a crazy boat race to a cell phone throwing contest, from a student party to a solar car challenge – the University of Applied Sciences Upper Austria and its students plan entertaining events that make campus life more lively.

Sport
As a balance to studying, the sports club ‘FH OÖ Sportsteam’ provides students, alumni and staff with a wide range of opportunities to practise sport. There is something for everyone from yoga to triathlon at a range of different levels. www.sportsteam.fh-ooe.at

Libraries
At the four schools, libraries offer numerous books, databases and electronic journals on the respective topics: 125,000 print media, 30,000 e-books from the publishers Springer, Hanser, utb, Wiley. Comprehensive access to e-books from the Wiley publishing house. 243 magazine subscriptions, around 19,000 licensed e-journals. The resources of the schools can be accessed through the search engine Primo.

Supporting Company Start-ups
The Transfer Centre for Company Start-ups is a unique service centre for potential business founders from the University of Applied Sciences Upper Austria. Experts check the marketability of ideas and support founders with market entry and sales organisation. The foundations for the health and fitness app ‘Runtastic’ or Austria’s first 24 hour pizzeria, ‘Bistrobox’ were thus laid in the lecture halls of the University of Applied Sciences Upper Austria. www.fh-ooe.at/start-up-spirit

Alumni Club
From your first day at the FH Upper Austria on, you may join our Alumni Club. This institution not only makes sure that you stay in touch with your fellow students, lecturers and other alumni: It also provides you with a huge variety of networking events, further education offers, career services as well as other deals and benefits that aim at boosting your career and/or foster recreation. https://alumni.fh-ooe.at/

Student Representatives
Students at all faculties of the FH Upper Austria are represented by campus and degree programme representatives as well as nationwide representatives from the Austrian Student Union (ÖH). The ÖH group from the University of Applied Sciences Upper Austria sends a delegate to the national ÖH. www.oeh.fh-ooe.at
At the FH Upper Austria, it is possible to study your subject in English!

The FH Upper Austria offers a total of 11 programmes, which are taught exclusively in English. For the following 2 Bachelor’s and 9 Master’s degree programmes, no knowledge of German language is required.
Energy is the underlying heartbeat of the global economy – a critical factor in the production of nearly all goods and services in the modern world. Clearly, energy informatics – the application of information technology in this highly demanding field – is the key to securing its supply and achieving a sustainable future.

Prof. Dr. Christoph Schaffer, Head of Studies

Given the critical role of energy, the driving imperatives in any economy are ensuring security of supply, maintaining competitiveness and overseeing the transition to a low-carbon future. Key requirements in this respect are the strategic management of supply and improving its overall generation and distribution. Impacting on these challenging goals will be a variety of factors, including advances in renewables, e-mobility and green technologies, to name only a few.

Managing this changing environment will require intelligent IT solutions and therefore well-educated IT experts able to design and/or operate future smart grids, smart city infrastructures and enhanced energy supply systems. Our Master’s degree programme provides technical, business and legal expertise for the development of future energy systems. Students can select from a wide range of elective modules based on their specific interests.

Career Profile

In-depth technical knowledge in Energy Informatics equips our students with the proactive qualities that underpin leadership/management positions, and can lead to high-flying careers. Our graduates will not only work at energy suppliers and network operators, but also in associated sectors. Even energy-intensive industries can benefit from their expertise. Other fields include the creation, planning and implementation of IT systems for Smart Grids, Smart Cities, e-mobility and industrial plants.
Focus of Studies

» Software Systems (SCADA, Head-End and Meter Data Management Systems)
» IT Security
» Cloud Computing/Big Data
» Communication Technology (Powerline, Radio Frequency)
» Home and Building Automation
» Systems Engineering
» International Project Management
» International Energy Markets and Energy Law
» Processes and Process Modelling
» Energy Generation, Distribution, Storage and Consumers
» Smart Grid Field Components (Meters, Gateways, Load Management)
» Electromobility
» Standardisation

Praxis and Research

Practical know-how is critical in this demanding field, therefore our curriculum was developed with leading IT companies in the smart grid business. R&D activities focus on providing intelligent energy services and investigating scalability aspects in a smart grid environment under given constraints (data rate, security, costs etc.).

Study Abroad

Our flexible curriculum allows out-of-country studies. This degree programme is taught in English, thus also equipping our students with the language and intercultural skills necessary to succeed in the increasingly internationally-oriented energy industry.

Did You Know that ...

… the energy sector is undergoing a massive transformation, and digitalization is playing a more than crucial role. It is a key element in the further evolution of smart cities and communities. And it will be the only way to meet the EU’s greenhouse gas reduction targets of 80% by 2050.

CONTACT

Head of Studies: Prof. Dr. Christoph Schaffer
Phone: +43 5 0804 22800, Email: eni@fh-hagenberg.at
Interactive Media

Full-time, 4 Semesters (120 ECTS)

Degree: Master of Science in Engineering (MSc)
Admission Requirements: Completed Bachelor’s degree or similar qualification in a relevant subject, with a minimum of 60 ECTS points in IT-related subjects; sound knowledge of English
Language of Instruction: English

As digital technologies and media continue to permeate more aspects of our everyday lives, the need for simple, intuitive and natural interfaces becomes even more essential. Our Interactive Media programme focuses on preparing graduates for challenging roles in the development of innovative technologies and complex projects in the ever evolving media industry.

Mag. Volker Christian, Programme Coordinator

The Interactive Media programme offers a wide range of subjects focusing on the technology and engineering that’s driving interactive media, computer games and cutting-edge online media. Students acquire the skills necessary to take on innovative and complex projects in the media industry. The degree features both a substantial project component and an extensive selection of specialised courses that couple theoretical concepts with practical experience at the highest level. In addition to providing an industry-oriented education, this programme seeks to develop students’ communication skills and refine their systematic approaches to problem-solving.

Career Profile

Students graduate as skilled media professionals who have acquired substantial project experience and in-depth knowledge in one or more of the following areas of specialisation: online media, games and interactive media. They possess both the conceptual and design skills necessary for developing innovative media projects and the technical skills to contribute to their subsequent implementation. Their specific qualifications make graduates sought-after experts in global contexts such as the fields of game development and multimedia authoring/production (presentations, shows, museums, kiosk systems), web-based information systems and applications, large-scale online publishing, content management and document management, multimedia databases, electronic archives, digital asset management, cooperative workflow solutions and streaming media services.
Focus of Studies

The core subjects, which can be augmented by a selection of elective courses, are:

Interactive Media: Human-computer interaction, computer vision, speech processing, collaborative work environments, interactive installations

» Games: Game development, game engines, real-time graphics, physics simulation, artificial intelligence, multiplayer games, audio systems and processing

» Online Media: Advanced web publishing, rich internet applications, semantic web services/applications, data mining, chatbots

Praxis and Research

Our Media Interaction Lab (MIL) is one of Austria’s leading research labs in the field of human-computer interaction. Activities focus on exploring novel interface technologies, developing new interaction techniques and evaluating user interfaces. MIL combines research and education, providing students with a project-based learning environment, as well as internships and PhD opportunities. Our research group Playful Interactive Environments (PIE) investigates new and natural playful forms of interaction. Topics include large public displays, projection mapping, co-located games, serious games, gamification and audio-reactive installations.

Study Abroad

Being taught in English, this degree programme also attracts applicants from non-German speaking countries and equips students with the language and intercultural skills necessary to succeed in the global media industry. A semester abroad can be spent at one of our partner universities in countries like Britain, Sweden and Norway.

Did You Know that...

... our Media Interaction Lab was awarded a Google Research Award for research into wearables? And that many of our graduates are employed at leading technology companies such as Microsoft, Google and Runtastic?

CONTACT

Head of Studies: Dr. Wilhelm Burger
Programme Coordinator: Mag. Volker Christian
Programme Administrator: Elisabeth Mitterbauer
Phone: +43 5 0804 22121, Email: im@fh-hagenberg.at
Mobile Computing

Full-time, 4 Semesters (120 ECTS)

Degree: Master of Science in Engineering (MSc)
Admission Requirements: Completed Master’s or Bachelor’s degree with IT strand worth a minimum of 60 ECTS points, or a similar qualification; sound knowledge of English
Language of Instruction: English

Mobile computing is superseding the desktop paradigm; the future really has arrived thanks to smartphones, tablets, wearables, apps and Co. It’s a future where you can excel in your specialist field on our degree programme – be it games, automotive, health or energy, etc.

Prof. Dr. Christoph Schaffer, Head of Studies

All-pervasive mobile computational power is colonising all aspects of everyday life. Without it, many tasks we take for granted would be far more difficult or even impossible. More and more areas of our life rely on these technologies; for example, automated control systems for homes and smart cars that automatically adapt to traffic conditions and even to the fickle moods of the weather. Clearly, mobile communications have become the touchstone activity driving the most important and dynamic economic sectors worldwide, a global business thriving on innovation and for which our students are thoroughly trained.

Career Profile

Wide in-depth technical knowledge in the main focus areas equips our students with the proactive qualities required for leadership and management positions and which lead to high-flying careers. Given the essential role of mobile applications in our daily lives, this sector offers a highly dynamic and inspiring environment with excellent career prospects. Potential employers include mobile communications companies, and also multinational corporations, small and middle-sized enterprises and innovative start-ups.
Focus of Studies

The programme offers a combination of software development, communications technologies and telecommunication engineering. It allows specialisation in at least three of the following subject areas:

» Mobile Communication
» Ubiquitous Computing
» Mobile Infotainment
» Mobile Games
» Mobile Software Techniques
» Automotive Computing
» Ambient Assisted Living/Mobile Health
» Logistics
» Entrepreneurship

Praxis and Research

From the start of semester one, students begin to work on practical projects. Topics chosen for this work can reflect the student’s personal interests. Our research focus includes novel interaction techniques, applications and services for mobile devices, user-friendly secure mobile environments, sports and health applications.

Study Abroad

Our flexible curriculum allows out-of-country studies. Destinations for our students have been Toronto, Melbourne and Helsinki, to name just a few. This degree programme is taught in English, thus also equipping our students with the language and intercultural skills necessary to succeed in the global IT industry.

Did You Know that...

... graduates of this degree programme are the founders of the successful sports app company Runtastic? Just like some of the founders of Tractive, Fretello, Butleroy, …

CONTACT

Head of Studies: Prof. Dr. Christoph Schaffer
Phone: +43 5 0804 22800, Email: mc@fh-hagenberg.at
MAKE IT REAL

WINTER IN AUSTRIA
Medical Engineering

Full-time, 4 Semesters (120 ECTS)

Degree:
Dipl.-Ing. The academic degree ‘Dipl.-Ing.’ corresponds to the international degree MSc.

Admission Requirements:
Graduates of technical-scientific Bachelor’s degree in engineering with 180 ECTS points or more (for more specific details see our website)

The international Master’s degree programme enables students to engineer medical devices as well as products and to position them on the market. They can choose 3 (out of 4) elective modules: Electronics, Biomechanics, Medical Device Software, Materials Technology. These are enhanced by courses in Systems Engineering, Medicine, Clinical Trials and Regulatory Affairs. As part of project work and master’s thesis, students can apply their skills within companies, research institutes or hospitals to develop, produce and/or integrate modern medical devices or products. Graduates are qualified as engineers with the ability to develop medical devices and products within the EU-regulatory framework and to consider FDA regulations. Application areas are medical imaging systems, assisted medical robotics, pacemakers, bionic prostheses, artificial intelligence based support systems and many more.

Career Profile

It is the solid professional and scientific knowledge paired with applied engineering skills which prepares graduates for leadership functions in larger projects, in product development or, alternatively, for an academic career as a researcher. Medical engineers are employed in research, engineering, production and fields of regulatory affairs, for quality control, as product managers and also as qualified advisors for technical sales. Graduates can apply their knowledge immediately.

Profile

<table>
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<tr>
<th>Figures in per cent, based on ECTS-Credits</th>
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<td><strong>Fundamentals</strong></td>
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<td>Elective Modules (Methods)</td>
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<td>Medical Technology and Systems</td>
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<tr>
<td>Master’s Thesis</td>
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<tr>
<td>Project Work</td>
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Focus of Studies

» Applied Mathematics, Statistics and Clinical Trial
» Medicine for Medical Engineers
» Advanced Medical Imaging and Diagnosis Systems
» Clinical Treatment Systems
» Elective Module Electronics, Biomechanics, Medical Device Software, Materials Technology
» Regulatory Affairs
» Medical Systems Engineering
» Projectwork and Master’s Thesis
» Students can participate in a number of R&D projects during the programme

Praxis and Research

The Medical Engineering sector is very innovative. Research and Development carry high importance. Medical simulation systems, motion measurements and prosthetics, medical microscopy and biomedical life sciences are our research focuses. Research and its practical applications are promoted in the Master’s project and Master’s thesis.

Study Abroad

Students can participate in international activities (e.g. in Europa, USA or Asia). Projects abroad, conferences with international speakers or participation in international fairs – the possibilities are manifold.

Did You Know that ...

... Medical Engineering is one of the most innovative technologies of the future? That it provides products which help to save other human beings and to improve the quality of their lives? The Medical Technology Cluster (MTC) represents a direct link to businesses and healthcare institutions.

CONTACT

Head of Studies: Prof. Dr. Martin Zauner
Programme Administrator: Elisabeth Differenz, Julia Döberl
Phone: +43 5 0804 52100, Email: mme@fh-linz.at

www.fh-ooe.at/mme
Global Sales and Marketing

Full-time, 6 Semesters (180 ECTS)

Degree: Bachelor of Arts in Business (BA)
Internship: Nine weeks in 6th semester abroad or at home
Language of Instruction: English
Subsequent Master’s Degree Programme: Global Sales and Marketing

The globalisation and digitalization of the world economy creates interesting challenges and opportunities to work in the export sector or go abroad and experience another culture for a few years. Austria’s export economy has succeeded in setting international standards in many fields, notably industrial plants, machinery and technical goods. These global operations generate a great demand for suitably qualified sales and marketing personnel. The Bachelor’s degree programme Global Sales and Marketing is designed to provide its students with all the skills they need to meet this demand and is held entirely in English.

Career Profile

Graduates of the Global Sales and Marketing Bachelor’s degree programme are qualified to work in a company of any size and in all sectors. A typical job description would be a management position in a foreign subsidiary of a European company; this might include the post of product manager, key account manager or marketing, export and sales manager.

Profile

<table>
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<tr>
<th>Subject</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Sales, Export, B2B Marketing</td>
<td>28</td>
</tr>
<tr>
<td>Cross-Cultural Management</td>
<td>10</td>
</tr>
<tr>
<td>English, second and third language</td>
<td>15</td>
</tr>
<tr>
<td>General Business Administration and Management</td>
<td>11</td>
</tr>
<tr>
<td>Technologies for Sales and Marketing</td>
<td>14</td>
</tr>
<tr>
<td>Internships, Projects, Bachelor thesis</td>
<td>22</td>
</tr>
</tbody>
</table>

Figures in per cent, based on ECTS-Credits
Focus of Studies

» Practical and application-oriented tuition in sales (management) for industrial customers
» B2B marketing to be able to sell products and services to companies world-wide
» Important qualifications in order to work in the export business & international trade
» Intercultural management to deal with cultural differences around the globe
» Technical basics that enable the students to work in a B2B environment
» Three foreign languages taught by native speakers
» Social skills needed for dealing with top customers and being successful in foreign countries

Praxis and Research

‘The only way to learn something is to do it’. Therefore the students complete an internship (abroad) and practical projects with our partners in the export industry. GSM cooperates intensively with globally active companies in the field of Marketing, Export and Sales Excellence, Industrial Service Excellence and Intercultural Management.

Study Abroad

During the compulsory SEMESTER ABROAD the students have the opportunity to study at one of our 100 partner universities (third semester). The entire degree programme of Global Sales and Marketing is taught in English and native speakers provide intensive language instruction in two further foreign languages and give insights into their background cultures.

Did You Know that ...

... Austria’s export rate is higher than 50%. This degree programme gives you important qualifications to work in the export business and international trade. Furthermore, the top 30% of our students can obtain a double-degree at one of our nine partner universities in Belgium, Canada, Colombia, Czech Republic, Finland, Georgia, Poland, Ukraine and Russia.

CONTACT

Head of Studies: Prof. DI Dr. Margarethe Überwimmer
Vice Head of Studies: Prof. Mag. Robert Fürieder
Programme Administrator: Katharina Heinzlreiter
Phone: +43 5 0804 33500, Email: gsm@fh-steyr.at
Global Sales and Marketing

Full-time/Part-time, 4 Semesters (120 ECTS)

Degree: Master of Arts in Business (MA)
Admission Requirements: Completed bachelor’s or master’s degree in business administration or similar fields. For details see: www.fh-ooe.at/gsm-master
Mode of Study: Full-time (Wednesday till Saturday) and part-time (Friday afternoon and Saturday) for both one week of intensive lectures per semester + field trip)
Language of Instruction: English

The degree programme offers broad and profound knowledge – from sales to marketing, cross-cultural management and leadership and prepares students for their future tasks in international companies.

FH-Prof. DI Dr. Margarethe Überwimmer, Head of Studies

Austria’s export economy has succeeded in setting international standards in many fields, notably in industrial plants, machinery and technical goods. These global operations generate a high demand for suitably qualified sales and marketing personnel. The geographical focus of the degree programme is on emerging markets.

Career Profile

The Master’s degree programme Global Sales and Marketing equips the students to DEVELOP and MANAGE future sales, sales management and marketing activities for international companies. For such managers, it is essential to be aware of cross-cultural challenges created by the globalisation of the world economy. A typical job description would be a management position in a foreign subsidiary of a European company. This might include the position of Key account manager, marketing and sales manager and product manager. In addition, the course offers an excellent basis for entrepreneurs wishing to set up their own company.
Focus of Studies

» Sales and Sales Management: ability to conceptualize, evaluate, push forward and control strategic sales decisions.
» B2B Marketing: ability to develop and push forward strategic marketing concepts for investment goods including background challenges of a cross-cultural character.
» Cross-cultural Sales and Management: profound introduction to cultural differences and similarities around the globe in order to be able to react in a professional way when faced with challenges of this kind.
» Practical Skills: we connect the complex structure of the scientific background needed with the immediate application in real industrial life, especially in emerging markets.
» Management/Leadership Skills: a special module with the chance to develop good insights into management and leadership challenges of an international job profile.

Praxis and Research

On the basis of current insights from research and teaching our students acquire sound sales and practical expertise. Over 200 domestic and foreign enterprises regularly use and successfully co-operate with the Master's degree programme.

Study Abroad

All students have the opportunity to study at one of our partner universities during the second semester (compulsory for full time students!) – several double degrees are available in the USA, Czech Republic, Russia, Columbia, China, Australia. A field trip provides further profound cross-cultural insights. The entire degree programme is taught in English and students are free to choose their second foreign language.

Did You Know that ...

... GSM means studying in an international environment (students and professors) and collaborating with international companies and universities?

CONTACT

Head of Studies: Prof. DI Dr. Margarethe Überwimmer
Vice Head of Studies: Prof. Mag. Robert Füreder
Programme Administrator: Doris Ernecker-Wagner
Phone: +43 0 50804 33600, Email: gsm-master@fh-steyr.at

* Further information: www.fh-ooe.at/gbm
Electrical Engineering

Full-time, 6 Semesters (180 ECTS)

Degree: Bachelor of Science in Engineering (BSc)
Internship: (International) internship for 10 weeks
Subsequent Master’s Degree Programme: Electrical Engineering

One of the leading trends today is the shift towards environmentally friendly electrical energy supply. This degree programme is focused on the design, operation and production of devices for modern electrical power supply, distribution and transport, as well as power conversion. This covers components for smart grids, renewable energy utilisation, and electric cars. The aim of the Electrical Engineering degree programme is to provide graduates with the skills and know-how required to be able to meet the demands of international electrical energy engineering in future. Our degree programme is highly practical and includes an internship, in addition to the possibility of an exchange semester with one of our worldwide partner universities.

Career Profile

The future tasks of our graduates cover the development, manufacturing, maintenance, operation and technical support of devices for electrical energy systems, as well as technical consulting. They will also find themselves in the planning and discovery of new and modern energy supply concepts.

Profile

<table>
<thead>
<tr>
<th>Field</th>
<th>ECTS</th>
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<tbody>
<tr>
<td>Electrical Components and Systems</td>
<td>29</td>
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<tr>
<td>Integrative Skills</td>
<td>18</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>16</td>
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<tr>
<td>Basics of Engineering and Interdisciplinary Skills</td>
<td>13</td>
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<tr>
<td>Organisation, Management and Statutory Directives</td>
<td>9</td>
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<tr>
<td>Natural Sciences</td>
<td>8</td>
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<tr>
<td>Languages</td>
<td>7</td>
</tr>
</tbody>
</table>

Figures in per cent, based on ECTS-Credits
**Focus of Studies**

» Fundamentals of electrical engineering and mechanical engineering  
» Electrical apparatuses, machines and drives  
» Electrical systems for energy transport and distribution  
» Modern electrical systems, including Smart Grid technology  
» High voltage engineering  
» Power electronics and electrical drives, e.g. for electrical mobility  
» Control engineering  
» Business and accounting  
» Project management, social skills and foreign languages

**Praxis and Research**

In addition to the practice-orientated education, R&D plays an important role in this degree programme. A number of students are currently involved in R&D projects, either in form of student projects or as research assistants. Electrical storage systems, PV systems, e-mobility, power electronics, high voltage and high current engineering, switching devices and lightning protection are a few examples of the areas of principle interest.

**Study Abroad**

It is the goal of the degree programme that students become a part of a lifelong network of experts. International partners located all over the world guarantee that talks are held by international lecturers and experts, the possibility of international internships and exchange semesters.

**Did You Know that ...**

... Electrical Energy is THE backbone of a modern society? No other form of energy plays such an important role? With the development of more and more efficient electrical energy supplies, engineers are in high demand. Our graduates are positioned to become members of a network of experts tasked with creating the future of electrical energy supply.

**CONTACT**

Head of Studies: Prof. DI Dr. Peter Zeller  
Programme Administrator: Cara Jana Kirchof BA  
Phone: +43 5 0804 43075, Email: sekretariat.ee@fh-wels.at
Automotive Mechatronics and Management

Full-time, 4 Semesters (120 ECTS)

Degree: Master of Science in Engineering (MSc)
Admission Requirements: Completed Bachelor’s degree (180 ECTS or equivalent) in Electromechanical Engineering, Mechanical Engineering or related subject areas and solid English language skills

Rapid developments in vehicle engineering have led to a merging of the fields of Mechanics, Electronics and Informatics. One cause of this is that vehicles meet customer demands by the optimal interplay of various mechanical and electronic components. Many functions in the areas of comfort, safety and efficiency are only made possible by mechatronic systems. In this context specific expertise in the mechatronic disciplines, combined with social- and business economics competences, will be central requirements of future employees and managers in the motor vehicle industry. Precisely these requirements are the focus of the new Master’s degree programme Automotive Mechatronics and Management.

Career Profile

The fields of activity of graduates are in the execution and management of mechatronic development projects, in the design and validation of mechatronic vehicle systems or as quality engineers in the field of quality assurance in the product development process.

Profile

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<tr>
<th>Field</th>
<th>Figures in per cent, based on ECTS-Credits</th>
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<tr>
<td>Vehicle Technology</td>
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<td>Mechatronic Systems Development</td>
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<td>Quality and Business Management</td>
<td>15</td>
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<td>Social Skills</td>
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<td>Individual Qualification</td>
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<td>Projects &amp; Masterthesis</td>
<td>35</td>
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</table>
Focus of Studies

» Vehicle Mechatronics: sensors, actuators, signal preparation, system architecture
» Vehicle Systems: regulation-, safety- and support systems
» Vehicle Informatics: communication structure, Car2X communication
» Quality Management: quality planning, quality assurance, quality management systems
» Business Economics & Management: innovation, market-oriented management, IPR, business accounting, world class manufacturing, economics
» Social Competence: intercultural-, moderation-, leadership competence

Praxis and Research

The practice-orientation of this degree programme is guaranteed by close cooperation with companies in the automotive industry. Further, many of the professors and lecturers work in the automotive industry or closely with it. Within the framework of the practical and Master's projects students work on current projects of the industry.

Study Abroad

This degree programme is taught in English and the target group is a mixture of Austrian and international students. It is therefore inherently international. For all those who wish to gain further international experience, however, there is the possibility to spend the fourth semester at one of our 100 international partner universities.

Did You Know that ...

... Mechatronics and vehicle manufacturing are strongpoints of the Upper Austrian economy? This is why the need for highly-qualified graduates in these fields will continue to grow in the future and leading companies in the automotive industry are working closely with this degree programme.

CONTACT

Head of Studies: Prof. Mag. Dr. Kurt Gaubinger
Programme Administrator: Martina Dietachmair
Phone: +43 5 0804 43053, Email: sekretariat.amm@fh-wels.at

www.fh-ooe.at/amm
New technologies such as electrical cars or renewable and ecological power supply systems require fundamental research in electrical (energy) engineering. DC grids (used in batteries, hydrogen systems), electrical cars, and power electronics are the latest technologies aiming to provide a green and environmentally friendly energy supply. In a nutshell, this programme will educate the pioneers needed to make the electrical energy supply future-proof. They will be pioneering the future!

Career Profile

Strong focus on internationalisation, so graduates will be well-prepared for an international environment (international study colleagues). Their area of expertise will include research and development, technical support of marketing and sales, consulting and services, maintenance and operation, project management. As a result of the programme’s strong focus on science and research and an intensive final project in semester four, an optimal preparation for a successive PhD programme will be achieved.

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Figures in per cent, based on ECTS-Credits
Focus of Studies

» Advanced mathematics for scientific workplace
» Numeric simulation of electrical fields and multi-physic systems
» Advanced skills in control engineering, power electronics, high voltage engineering, IT systems for energy supply
» Materials for electrical engineering
» Language
» Problem solution competence in the field of electrical engineering

Praxis and Research

Towards the end of the programme, there is an intensive project (925 working hours) conducted together with an (international) industry or research partner. It provides the basis for the Master’s thesis and guarantees the direct application of the acquired electrical engineering knowledge.

International Environment

Modern electrical engineering has to be supported by experienced international experts. The programme is 100% international with international students and organised and taught in English. The project can be done abroad. An exchange semester is possible.

Did You Know that …

… most of the great innovations in the world have been the result of international teams composed of experienced scientists working in an international, open-minded environment? Excellent knowledge of the basics shared in an international team has always been the motor of innovation and new solutions – thus, the international study programme Electrical Engineering is designed first to empower people, then to literally power the world …

CONTACT

Head of Studies: Prof. DI Dr. Peter Zeller
Programme Administrator: Julie Dutzler BASc
Phone: +43 5 0804 43077, Email: sekretariat.ee@fh-wels.at
Innovation and Product Management
Full-time, 4 Semesters (120 ECTS)

Degree: Master of Science in Engineering (MSc)
Admission Requirements: Completed Bachelor's degree (180 ECTS or equivalent) in engineering or management

Today, if a company wants to succeed internationally, it must be capable of innovation. This can only be achieved by treating innovation as a process. Holistic integration of marketing, design and technology, combined with strategic thinking is the only way to develop product and service innovations in a sustainable way. In an interdisciplinary training concept, the various aspects of integrated innovation and product management are taught. This degree programme provides a comprehensive education in Mechatronics, Innovation Management and Marketing, complemented by two specialisations, namely ‘Product Concept Design’ (PCD) and ‘Development Process Engineering’ (DPE).

Career Profile

Graduates are prepared for management positions in technical product development, innovation and design, product management and marketing in international technology companies. Being responsible for high-tech products and services they play a decisive role in the conception and market positioning of technical innovations and thus secure the long-term success of companies. Additionally they possess core competence in strategic R&D and innovation management. They develop sound marketing and design strategies to differentiate their products from those of competitors.

Profile

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<th>Figures in per cent, based on ECTS-Credits</th>
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<td>Innovation</td>
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<td>Marketing and Management</td>
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<td>Mechatronics</td>
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<td>Specialisation PCD or DPE</td>
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<tr>
<td>Social Skills</td>
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<td>Projects</td>
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</table>
Focus of Studies

» Strategic Innovation and Technology Management: Planning of innovation strategies; management and monitoring of innovation processes, especially at the front end.
» Trends for Innovation: special topics like sustainability, bionics and rapid prototyping to support innovations.
» Specialization ‘Product Concept Design’: Developing of products and design concepts; integration of all design-relevant factors in the innovation process.
» Specialization ‘Development Process Engineering’: sub-system of R&D management, which coordinates planning, managing and controlling.

Praxis and Research

From the beginning on students apply their knowledge in industry projects. In intercultural and interdisciplinary teams students work on real world problems for local and international firms. The final thesis will be written for and in a company.

International Environment

Innovation and Product Management is an international and interdisciplinary degree programme with students from more than 20 countries. Intercultural aspects and strategies in all disciplines are a cornerstone of the curriculum.

Did You Know that ...

... Innovation and Product Management was the first degree programme taught in English at Wels Campus? Internationalisation is supported through guest lectures by international experts from both, academia and industry. A close cooperation with local industry guarantees up-to-date of the contents and the employability of the graduates.

CONTACT

Head of Studies: Prof. DI Dr. Michael Rabl MBA
Programme Administrator: Angela Aghow Puehringer, Agnes Mitterhuber
Phone: +43 5 0804 43141, Email: sekretariat.ipm@fh-wels.at
Sustainable Energy Systems

Master of Science in Engineering (MSc)

Completed Bachelor’s degree in Engineering or technical field; strong English language skills

Sustainability is the key to future development, especially when it comes to energy utilisation and consumption. As natural resources become more and more limited or can only be explored by complicated and expensive processes, the utilisation of energy in a sustainable way is becoming more important and lucrative. This degree programme combines an education in energy systems with respect to sustainable energy resources, energy efficiency, the continuous replacement of traditional energy systems by sustainable and energy efficient systems as well as the management of (international) energy-related projects. Special emphasis is placed on learning and working in multicultural teams.

Career Profile

There is a wide field of career prospects. These include the technical implementation of international projects e.g. the construction of large-scale PV or wind generators and (technical) project management regarding sustainability and energy efficiency for energy systems (in-service behaviour, optimising operations …), energy efficiency procedures (especially for industrial production processes) or energy distribution (renewable energy, energy distribution including smart grids, energy storage). Possible jobs would be among other things: engineer for energy systems (design, construction, maintenance and retrofit), technical consultant, expert for project financing and management, technical adviser for banks and insurance companies.

Profile

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<td>27</td>
<td>22</td>
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</table>
Focus of Studies

» Interdisciplinary, technical programme with focus on: energy utilisation of sustainable energy resources, energy storage, energy distribution, energy efficiency and ecology, energy markets, energy management
» Business administration and intercultural management
» International project management and development
» International study groups
» English as language of tuition

Praxis and Research

For our students we offer the possibility of a semester abroad at one of our many partner universities worldwide. Furthermore, we encourage our students to write their Master’s project in the 3. semester or their Master’s thesis in the 4. semester with a university or a company abroad.

Study Abroad

It is the goal of the degree programme that students will become part of a lifelong network of experts. International partners distributed all over the whole world guarantee the presence of international lecturers and experts, the possibility of international internships and exchange semesters.

Did You Know that …

... solar energy is the largest energy resource in the world, even larger than fossil resources? Utilising wind means to cause very low environmental impact. Utilising energy efficiency potentials is the most effective way to save energy, protect the environment and become independent from other countries.

CONTACT

Head of Studies: Prof. DI Dr. Michael Steinbatz
Programme Coordinator: Prof. DI Dr. Robert Höller
Programme Administrator: Mag. Lisa Harrer
Phone: +43 5 0804 43076, Email: sekretariat.ses@fh-wels.at

www.fh-ooe.at/ses
INTERNATIONAL FOUNDATION PROGRAMME (IFP)

Full-time, 2 Semesters
Subsequent Degree Programmes: Electrical Engineering BSc, Global Sales and Marketing BA
Tuition Fee: EUR 3,600 for two semesters (plus accommodation and living costs)

In order to make access to studies possible for applicants with missing prerequisites, the University of Applied Sciences Upper Austria offers a Foundation Programme for selected study programmes in Engineering and Business. Applicants who lack entrance requirements can acquire the necessary additional qualifications. The main target group are students who wish to study the English-taught Bachelor’s programmes in Electrical Engineering or Global Sales and Marketing.

Admission Requirements

» ‘A’-Level/High School Diploma (or equivalent)
  (If the Austrian Higher Education Entrance Qualification is not yet met, the required level can be acquired within the International Foundation Programme. In general, A-level is required, but in some cases excellent performance in AS-level and GCSE-level courses might qualify as well.)

» Good English language skills
  (will be checked during interview; no IELTS/TOEFL required)

Essential information

Language of instructions: English
Place of studies: Wels Campus
Application deadline: EU/EEA citizens: 31 August
Citizens from non-EU/EEA countries: 30 April

CONTACT
Head of Studies: Dr. Stefan Sunzenauer
Email: foundation-programme@fh-ooe.at
Web: www.fh-ooe.at/ifp
STUDENT AMBASSADORS & BUDDIES

Student ambassadors are international students’ first contact person. Prospect degree seeking students who are interested in doing a Bachelor’s or Master’s degree at FH Upper Austria can contact them on an informal level via social networks or Email.

They will share their own experiences, answer all your questions regarding studies, application process, visa-arrangement or everyday life and even help you finding the right accommodation.

Once the students are enroled and in Austria our buddies, who take also care of our exchange students, are also available for help.

On the next pages are some of our ambassadors voices!

CONTACT
Email: student-ambassador@fh-ooe.at
Web: www.fh-ooe.at/international/student-ambassador
I am making my last steps towards graduation from School of Management in Steyr. I have studied the a semester in the USA in the framework of my MBA Double-Degree Programme. It’s been the 3rd year I am integrating into the Austrian culture. So, I know how important support is when one moves to a new country. And I am here to provide the newcomers and prospective students with help and pieces of advice throughout your application process and further preparation. I like travelling, meeting new people, cultures and stepping out of the comfort zone. I practice yoga and cook a lot (as most of the international students here). If you feel like becoming a part of the Austrian student community, don’t hesitate to ask me any questions. I will be happy to help!

Iryna Onufriienko
Nationality: UKRAINIAN
Languages: Russian, Ukrainian, English, German

I am Rares, a citizen of the world, my native country is Romania and I am now located in Wels, Austria. I am currently enrolled as a bachelor student in the electrical engineering program at the Wels campus. The University of Applied Sciences of Upper Austria Wels offered me the unique opportunity of both studying in a very welcome and international environment and participating in extracurricular activities with people from all around the Globe. The study program helped me gain both theoretical knowledge and practical experience which I consider one of the best approaches for studying a field in-depth. I enjoy travelling, playing sports and getting to know people with different cultural backgrounds. I am more than happy to share my experience with people willing to join the university and I highly recommend it. If you have any questions about accommodation or the study program feel free to message me! Let’s get in contact!

Rares Irimia
Nationality: ROMANIAN
Languages: Romanian, German, English
My name is Ivan and I am currently enrolled as a GSM-Master student at the School of Management in Steyr, where I previously acquired my Bachelor of Arts as a GSM-Bachelor student. During my bachelor’s I studied for a semester in Moscow, where I pursued a Double Degree, made possible by the collaboration between the University of Applied Sciences Upper Austria and Plekhanov Russian University of Economics. The University of Applied Sciences Upper Austria has provided me with a plethora of opportunities to expand my academic and intercultural knowledge through practical application of theoretical constructs via company projects, workshops, guest lectures, internships and the compulsory semester abroad. I am happy and excited to hear from prospective students that are interested in applying and I would like to provide as much support and advice as I can to ease that process. If you are interested or have any question, please get in touch with me. Let’s talk!

...and we have many more – www.fh-ooe.at/international/student-ambassador
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MIC Datenverarbeitung GmbH
Margit Bencic
Tel.: +43 (732) 778496-0
Hafenstraße 24, 4020 Linz

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