Munich University of Applied Sciences is a large university – but it is not some large, faceless organisation. On the contrary, both in education and in research, it is the many different individuals working here and the ideas they bring that make us something special. They are what give the university its unique face. We have already achieved much together – and it is together that we shall tackle new tasks and continue to develop in future. Our main task is, and will remain, to prepare our students in the best way we can for the professional world and a successful career.

Let us inspire you!

PROF. DR. MICHAEL KORTSTOCK
PRESIDENT
MUNICH UNIVERSITY OF APPLIED SCIENCES

Munich University of Applied Sciences (MUAS) is the largest university of applied sciences in Bavaria, and the second largest in Germany. Located at the heart of a European high-tech and economic metropolis, our mission is to remain firmly focussed on practical application – both in teaching and in research.

We offer a wide range of undergraduate courses for prospective students, with first-class research-based opportunities at postgraduate level and very popular and flexible options for those already in employment. There are certain fields in which we pursue applied research in a particularly intensive manner.

Although we are firmly rooted in the region, we teach for the international employment market, and our research is conducted at an international level. Our work is above all application-oriented, interdisciplinary, and practice-based. In addition, we are defined by entrepreneurial thinking and behaviour, with respect for natural resources.

Transparency in decision-making and open, constructive relationships with one another are as important to us as ensuring that staff members and students are involved and valued.

This is what makes the university the focus of life for all its members – a place where knowledge is transformed into ability and where people become individuals.
CAMPUSAES AND DEPARTMENTS

Campus Lothstraße

- Mechanical, Automotive and Aeronautical Engineering
- Electrical Engineering and Information Technology
- Building Services Engineering, Paper Technology and Print and Media Technologies
- Applied Sciences and Mechatronics
- Computer Science and Mathematics
- Engineering and Management
- General and Interdisciplinary Studies
- Design
- Tourism

Campus Karlstraße

- Architecture
- Civil Engineering
- Geoinformatics

Campus Pasing

- Business Administration
- Applied Social Sciences
Munich and its surrounding area is well known for its high standard of living. In fact, the city of Munich ranks among the top 10 most liveable cities in the world (source: Mercer Quality of Living Survey 2012). Tradition and innovation, industry and science, cultural and touristic attractions all contribute to the city's outstanding quality of life. Independent surveys and statistics consistently reflect Munich's strong economic power, variety of recreational possibilities, excellent public transport system, and exceptionally low crime rate.
These companies frequently turn to Munich University of Applied Sciences for their R&D needs. Our students also often participate in faculty research to meet the needs of companies in the region. These relationships also facilitate students’ success in finding industry internships where they can conduct independent research projects. These placements frequently lead to job offers after graduation.

Munich’s cultural scene is shaped by its many theatres, museums, concerts, literature and film festivals. Extensive parks and famous architecture make it a great city to live in. The nearby Alps provide opportunities for a range of outdoor activities including climbing, mountain-biking, and hiking.

As one of the leading economic and technical powerhouses in Germany, Munich is a top choice for multinational companies. The city offers rich research and development opportunities and a strong human capital base. Companies that have chosen Munich for their national headquarters include Siemens, BMW, MAN, Linde Group, Apple, and Munich Re.

Life in Munich
After a first short stay in Munich I decided to come back for an entire semester. People here are very friendly and curious about my home country, India. In particular I like that my classes about Indian culture and English language bring together students from various disciplines and cultures. With its mix of tradition, culture and modernity, Munich has become a second home to me.
JosepH Kana
Alumnus of the Department of Electrical Engineering and Information Technology, Senior Quality Consultant at Pentasys AG

I chose Munich University of Applied Sciences because it offers applied study in an economically strong location, which is why I stayed with the university not only for my bachelor’s degree but also for the Diplom and master’s. During my studies, I gained insights into many areas of electro-technology. The good level of contact with the teachers and the support of the administrative staff were much appreciated.
Teaching at Munich University of Applied Sciences is based on a practical approach, combining relevant knowledge with practical and applicable skills. Programme offerings are divided into four fields: Engineering, Economics, Social Sciences, and Design. Students can choose from both traditional degree programmes and innovative programmes tailored to the evolving demands of a changing society.
We offer our students high-quality and well-organised programmes of study that can be tailored to individual needs, as well as personal contact with the lecturers. Our professors are drawn from professional practice and maintain close contact with industry and commerce. They therefore know what our students will need for a successful start in business, and they use this knowledge to develop courses that promote creative thinking and an ability to work independently. For us, learning is a life-long process: our graduates stay connected with the university through master’s programmes and other continuing education opportunities. With their practical experience and feedback, they enrich the environment of Munich University of Applied Sciences.
This is an arts degree programme, but our links with industry are very important to us. Our study projects involve cooperation not only with large firms such as BMW but also with small companies and start-ups, as well as academic institutes. This gives our students a good understanding of how to work in a range of disciplines, how to present ideas, how to build consensus and find acceptable compromises – the first steps toward success in the design profession.
MARKUS GEISS
WORK-STUDY PROGRAMME IN MECHATRONICS/
PRECISION ENGINEERING, WITH EXTENDED
PRACTICAL TRAINING AT EADS ASTRIUM

I received enormous support from previous exchange students when I was preparing for my study abroad in Sydney. I was very grateful for the contact initiated by the International Affairs Office at Munich University of Applied Sciences. These university contacts were a great help during the whole preparation process. I have nothing but praise for my student exchange experience, and I would recommend anyone to use this unique opportunity to broaden their horizons. A semester abroad is a real bonus not only academically but also personally.
Munich University of Applied Sciences depends on continuous quality assurance and improvement in teaching and study. Recent developments include introducing new teaching formats, such as e-learning, that are tailored to particular groups of students. We also implement ongoing changes to improve students’ academic experience in our degree programmes.

The practical obligatory training semester allows students to develop early contacts with business and industry and to gain valuable professional experience. Munich University of Applied Sciences also offers a range of work-study programmes that provide students with even greater experience of work in a professional environment. They are also supported in their future careers by the university’s CAREER Centre.
It is important that students should look beyond their immediate horizons. For example, students can take advantage of the broad range of courses offered by the Department of General and Interdisciplinary Studies that are a compulsory element of their university studies.

Opportunities abroad are also available to our students. This may be through an exchange with one of our many partner universities or on a range of international degree programmes, in which part of the course load is completed at a university abroad.
South East Asia is a particularly important growth region. The location is characterized by great dynamism and a real spirit of optimism. Our students need to be able to compete at an international level and personal experience of this region really sets them apart – it’s something we hear time and again from industry. That’s why I have visited several universities in South East Asia to develop partnerships with them. Their teaching staff are very interested in collaborating with our university and provide high quality teaching and research.
“Applied Sciences” – in terms of our research and teaching, that means tackling issues such as climate change and demographic change, which are currently transforming tourism. Through our strong contacts, the Alpine region in particular – where tourism is an important part of the economy – has become a model region for a range of EU projects managed by the university that work towards regional development and territorial cooperation.
“Research in the interests of teaching” – that is the maxim of Munich University of Applied Sciences. Since 2006, research has been established by law as a function of the Bavarian universities of applied sciences. We have built up an excellent reputation in research and development: innovations are developed in cooperation with industry and with an eye to business areas with future potential, so that they can be put to optimal use both in business and in our own practice-based degree programmes.
E-learning makes a significant contribution to the democratisation of education, as it allows us to overcome restrictions imposed by time, place, and other inhibitory factors. As academic head of the e-learning centre, one of my areas of work is the development of the didactic concepts that underpin e-learning. This also involves research into the ways in which students and teaching staff use and incorporate e-learning.
Sustainable development is a particular focus, as is the promotion of enterprise in cooperation with the Strascheg Centre for Entrepreneurship (SCE).

The university’s research landscape is a diverse one, covering the four fields of Engineering, Economics, Social Sciences and Design. Teams of researchers bring together their expertise, ideas, and knowledge in multidisciplinary Competence Centres and affiliated institutes. In over a dozen areas of research, Munich University of Applied Sciences is on hand to perform its challenging role as qualified partner in the practical application of theoretical approaches, for SMEs (small and medium-sized enterprises) as well as for the large industrial players.
A number of research projects have offered opportunities for doctoral studies among a rising number of postgraduate students. Students in bachelor’s and master’s degree programmes are also involved in research activity, notably in the strongly research-focused master’s programmes.

The annual level of third-party funding for research at Munich University of Applied Sciences has increased tenfold since 2002. Together with traditional commissioned research, a large proportion of the university’s research derives from successful applications to public funding programmes in Germany and the EU.
My first impression of Munich was an extremely safe environment in a fairly large city. There were so many opportunities for places to see, people to meet and areas to practice my German. I was greeted warmly by my welcome buddy MUAS prepared for me. She really helped me in getting settled and finding my way through the bureaucratic difficulties. MUAS has been very supportive! The International Affairs Office has a wonderful team that has taught me a lot of things that I will bring back to my home university in Philadelphia.
PROF. DR. KLAUS SAILER
CHIEF EXECUTIVE, STRASCHEG CENTRE
FOR ENTREPRENEURSHIP, AFFILIATED
INSTITUTE OF MUNICH UNIVERSITY OF
APPLIED SCIENCES

As an EXIST Academy of Excellence for Entrepre-
neurs, we promote entrepreneurial attitudes and
behaviour and contribute actively to shaping the
future of our society. To this end, our teaching
combines entrepreneurial knowledge with ap-
plied practice and interdisciplinary teamwork. In
our Start-up League we support entrepreneurs
wherever we can with intensive coaching, prem-
ises, and material resources.
At Munich University of Applied Sciences, much importance is attached to fostering an entrepreneurial culture. We are one of only three German universities allowed to call themselves EXIST Academies of Excellence for Entrepreneurs. Furthermore, in a German Federal Ministry of Economics and Technology competition, the university and its affiliated institute, the Strascheg Centre for Entrepreneurship (SCE), won a grant that amounted to millions of euros.

In collaboration with the SCE and external partners, Munich University of Applied Sciences is seeking to develop and extend further its open innovation culture, to promote entrepreneurial skills, and to generate an awareness of the cross-fertilisation that exists between entrepreneurial attitudes and behaviour on the one hand, and teaching and research on the other.

As part of the training programme, real projects are managed by students working in interdisciplinary groups. Those that show great promise are supported on their route to market and innovative launches backed by the SCE.
LIHONG STAUCH-LIU
GRADUATE IN BUSINESS ADMINISTRATION

I am very satisfied and extremely grateful for the many types of support that Munich University of Applied Sciences offers its students. My young son attends the Student Union’s nursery and absolutely loves it. In addition, during the intensive exam period I was able to make use of the backup childcare arrangements. Without the wide range of support facilities offered by Munich University of Applied Sciences, I would have found it much more difficult to complete my studies.
DIFFERENCES ARE ENRICHING

The more variety, the better – because with diversity comes creativity and innovation, making the university a vibrant, open, and constructive environment for students, teachers, and other staff. Diversity is therefore a core tenet of Munich University of Applied Sciences. We see ourselves as an institution moulded by its range of personalities, working methods, and perspectives. This is evident not only in the range of courses we have available; issues such as family-friendliness, equality, and multiculturalism lie at the heart of our identity, both as a teaching and research institution and as an employer.
ARQUIMEDES FERLIN
FROM BRAZIL, STUDENT IN THE MASTER’S PROGRAMME IN PAPER TECHNOLOGY AT THE DEPARTMENT OF BUILDING SERVICES ENGINEERING, PAPER TECHNOLOGY, AND PRINT AND MEDIA TECHNOLOGY

The support team provided me with all the documents I needed for the visa request and found me an affordable student apartment – everything I needed before my arrival. I had some time to learn more about Germany and the cities and countries near Munich. But nothing can prepare you for the real-life experience. Relax and be prepared to adapt. In my opinion, Germany is the country with the most successful social welfare politics among the big economic forces. Here, you can learn much more than science, and maybe later be able to help your country even more than you thought.
Munich University of Applied Sciences cooperates with other universities around the world in a variety of ways:

as an active member of consortia and university networks such as Global E3 (Global Engineering Education Exchange), EUA (European University Association), and INUAS (International Network of Applied Sciences)

as a member of several German-international universities such as the CDHAW (Chinese-German University of Applied Sciences)

in some 200 individual collaborations with universities around the world.
Munich University of Applied Sciences is also represented in New York City and São Paulo by liaison offices of the consortium UAS7 (German Universities of Applied Sciences).

Our international cooperation agreements promote student, faculty, and staff exchange as well as joint (research) projects. Furthermore, MUAS offers international degree courses and double degree programmes with a range of partner universities.

**Great support...**

**...for international students**

International students studying for a full degree or taking part in an exchange programme at MUAS for one or two semesters receive comprehensive support.

Services for international exchange students at MUAS that facilitates the integration process:
- A welcome service
- Orientation days
- Language tandems
- An exciting cultural programme and
- An International Club

In addition, exchange students are offered assistance with accommodation, health insurance, and other administrative issues.

**...for visiting scholars and staff**

For visiting scholars and staff MUAS provides assistance establishing professional contacts at the university and offers support with organisational and administrative issues. MUAS offers a broad variety of teaching and research opportunities for visiting academics from all over the world. For example, they can contribute to our courses in English Programme by teaching an English-language class in their respective area of expertise.
International highlight: Munich Summer School of Applied Sciences

At Munich Summer School of Applied Sciences, students can choose from a variety of engineering and business courses taught in English and earn credits towards their degree at home. Courses are held by excellent professors from MUAS and from international partner universities. Our university’s practice-oriented approach and excellent contacts with local industry partners guarantee teaching that is application-oriented.

Credits earned through Munich Summer School of Applied Sciences are recognised by higher education institutions worldwide.

Our summer programmes include:

- Site visits to global companies headquartered in Munich (e.g. BMW, Siemens)
- Field trips to historical sites and cultural activities in Munich and Bavaria
- An introduction to German language and culture

Credits earned through Munich Summer School of Applied Sciences are recognised by higher education institutions worldwide.
International highlight: Courses in English

MUAS offers a wide range of courses in English in all main subject areas. Course topics range from Technology and Engineering to Business, Tourism Management, Social Sciences and General Studies.

We offer individual courses held in English in the various departments at Munich University of Applied Sciences. The courses are open to all enrolled students irrespective of their own field of study. Students who successfully complete a minimum number of courses in English can obtain a special certificate.
Internationalisation is vital for any university seeking to ensure its continuing relevance to students and its vitality in terms of research and teaching. A key foundation for success in internationalisation is the depth and quality of the relationship with key partner universities around the globe. The relationship the University of the Sunshine Coast has with MUAS is an excellent example of this kind of relationship. It is characterised by very active cooperation in a broad area of learning and teaching, particularly through student mobility and academic staff mobility. The combination of academic quality, first-class university facilities and excellent location in Munich, make MUAS an ideal partner for our university.
PROF. DR. GERD BECKER
HEAD OF THE SOLAR LABORATORY
IN THE DEPARTMENT OF ELECTRICAL
ENGINEERING AND INFORMATION
TECHNOLOGY

The Solar Laboratory specialises in the systems
and module engineering of photovoltaic instal-
lations and their integration into the power grid.
We are also expanding research in bio-energy. We
are researching and working on future sustain-
able energy and seek to provide our students with
excellent training in this field. We work closely
with industry, and this has generated some very
interesting thesis topics.
SUSTAINABLE

Sustainable development is a duty we owe both to all members of the university and to coming generations. We are seeking to establish sustainable thinking and practice in all aspects of teaching, research, and administration at the university. Environmental protection and resource conservation are just as important in this respect as economic and social issues such as gender and diversity or family-friendly and healthy working conditions.
PRECURSOR INSTITUTIONS

- Staatsbauschule München, Akademie für Bautechnik, 1822 (Munich National School of Building, Building Technology Academy)
- Höhere Fachschule für Jugend- und Sozialarbeit, 1919 (College for Youth and Social Work)
- Oskar-von-Miller Polytechnikum, Akademie für Angewandte Technik, 1924 (Oskar-von-Miller-Polytechnic Institute, Academy of Applied Technology)
- Abteilung für Gebrauchsgraphik der Akademie für das Graphische Gewerbe, 1907/1927 (Department of Commercial Art at the Academy of the Graphics Industry)
- Höhere Fachschule für Jugendleiterinnen, 1936 (College for Youth Leaders)
- Ingenieurschule Bohn, 1956 (Bohne School of Engineering)
- Höhere Wirtschaftsfachschule München, 1962 (Munich Business School)
Munich University of Applied Sciences is a relatively new institution – it was founded in 1971 as an amalgamation of seven Munich engineering schools and colleges. In the 40 years that have passed since then, Munich University of Applied Sciences has undergone many changes. The range of subjects covered has grown steadily.

Research has taken root and is now firmly established. We reacted promptly to the reforms of the Bologna Process by introducing bachelor’s and master’s degrees, so that today we can offer proven high-quality degree programmes. Our sharper profile is reflected not least in the name change from “Fachhochschule” (polytechnic) to “Hochschule” (university), which sets out the direction of our development in the coming years.
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