Full-time master program

Master in Aeronautical Management (M.Eng.)

This master of engineering is designed to strengthen competences in general management as well as specifically specialized management for the aeronautical field. 

Program Director
Prof. Dr. Markus Louis
markus.louis@hs-bremen.de

HSB City University of Applied Sciences has already received several prestigious awards for the quality of its international and practice-oriented study approach, a truly interdisciplinary study program with both academic and job requirements in equal weight. 

Full-time Master 100% in English

The Master in Aeronautical Management at International Graduate Center of Hochschule Bremen provides graduates that hold a Bachelor of Engineering degree and have experience in the aviation industry with specifically specialized management skills for a leadership career in the airline industry, air transport and governmental institutions. 

The teaching staff is composed of university professors and lecturers with extensive skills in management, economy and their technical knowledge and competence by their technical staff of the aviation systems to complete interesting for pilots, maintenance and technical staff of the aviation systems. 

With aviation developing at accelerated speed it becomes increasingly important for pilots, maintenance and technical staff of the aviation systems to complete interesting for pilots, maintenance and technical staff of the aviation systems. 

WELCOME IGC /endash.case STUDY IN THE HEART OF BREMEN
WELCOME

“Welcome to our master program in Aeronautical Management! With aviation developing at accelerated speed it becomes increasingly interesting for pilots, maintenance and technical staff of the aviation systems to complete their technical knowledge and competence by extensive skills in management, economy and legislation. We are happy to guide and support you on your way into a wide range of career options.”

Prof. Dr. Markus Louis
Program Director, Master of Engineering in Aeronautical Management

PROFILE

Full-time Master 100% in English

The Master in Aeronautical Management at International Graduate Center of Hochschule Bremen provides graduates that hold a Bachelor of Engineering degree and have experience in the aviation industry with specific management skills for a leadership career in the airline industry, air transport and governmental institutions.

This master of engineering is designed to strengthen competences in general management as well as specifically specialized management for the aeronautical field. The program prepares its participants for leadership positions within aviation systems, air transport businesses and governmental institutions. The teaching staff is composed of university professors and lecturers with practical experience in the airline industry. Emphasis is laid on an interdisciplinary approach in teaching and learning, leading to diverse teaching methods within the scope of discussions, group work, case studies and seminars. The program is taught entirely in English.
Pursue Your Own Passion

The specific focus on aviation systems allows students a number of different perspectives (e.g., an economic or legal point of view) as well as the acquisition of extensive knowledge and skills adapted to the changing market needs.

Become An Effective Leader

Participants learn how to plan and act using a solution-based approach to contribute to efficient problem solving within the dynamic system of the aviation industry. Discussion-oriented learning sessions support participants on their way to becoming responsible decision makers.

Put Your Knowledge to the Test

Beside theoretical knowledge, students obtain much practical experience through real-life case studies or building an aircraft simulation model from scratch.

Admission Requirements

For admission to the program we require the following qualification and documentation:

- Bachelor of Engineering (related to aviation)
- Minimum one year professional experience in the aviation industry
- Proof of the applicant's university degree
- One year of work experience (proof of work experience/employer's certificate)
- Proof of English proficiency (TOEFL 80, IELTS 6.0, Cambridge B2.2)
- Curriculum vitae
- Passport photograph

Faculty and Research at IGC

Not only in student body, but also in academic staff IGC sets great store by internationality and professional diversity. About 90% of the lecturers have international work and/or teaching experience, making an important contribution to sharpen the intercultural skills of the students.

Full-time faculty members of HSB City UAS in general hold (at least) a PhD and have a proven track record of practical experience relevant to their respective disciplines. Thus, they are able to provide an academic perspective with first-hand managerial experiences.

Moreover, high-ranking part-time lecturers from from business practice familiarize our students with different business sectors and company functions.

PERSPECTIVES

Give your aviation career a head start by acquiring professional management skills and specialized knowledge of the airline industry. The dynamic context of one of the fastest-growing markets generates a considerable demand for young specialists with profound expertise.

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**ALUMNI**

I still miss my days in Bremen as it is a lovely place to live and study.

"MEAM is a wonderful pathway for the engineering students looking to enhance their skills in management and technical areas. The professors in the university are qualified to highest level with a broad knowledge of aviation industry. I still miss my days in Bremen as it is a lovely place to live and study. I am working with TES Aviation Group based in United Kingdom as a Cost Model Engineer and my role includes detailed technical and commercial analysis to produce engine cost models (RB211, CFM56, CF6-80, V2500 etc.) that are critical to realizing the company business strategy."

Muhammad Saleem
Pakistan

I was able to greatly deepen my knowledge of management in the aviation industry.

"I found this Master program to be a perfect addition to my Bachelor degree course in Aviation Systems Engineering and Management. In only two semesters, I was able to greatly deepen my knowledge of management in the aviation industry, having completed a degree course focused rather on engineering before. The practice-oriented approach, especially working on real-life tasks in small groups, appealed to me. The lecturers were always available for further questions and discussions about current events of the industry. I am looking forward to utilizing my expertise besides flying as a First Officer."

Florian Andresen
Germany

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**KEY FACTS**

- **Degree title:** Master of Engineering
- **Structure:** Full-time program
- **Instruction language:** English
- **Class size:** Approx. 25 students
- **Program duration:** Two semesters, including master thesis and oral defence

- ✔ Option to participate in several field trips (not included)
- ✔ Option to take German language courses (one course is for free)

**ALUMNI CAREER**

The main field of occupation for successful graduates is at the interface between their home countries and international markets. Graduates will primarily work in jobs where a combination of technical expertise and management competency are necessary. This could be the supervision of procurement, production, sales or customer service of enterprises with international activities or within joint ventures especially in Europe or Asia. Tasks can also evolve in product development and quality management with and/or for international customers and suppliers in the target regions of the program. As a graduate, you will also be part of a network of successful graduates holding key management and leadership positions world-wide.

**INTERNATIONAL STUDENT ASSISTANCE (ISA)**

Living and studying in another country is both exciting and interesting. At the same time it means a lot of organizational and administrative work. When you come to study at the IGC you do not need to worry about this. Our ISA service will support and advise you from the beginning on. They will pick you up after arrival, help you in finding accommodation, extending your visa, opening a bank account and they offer cultural events excursions and parties.

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**CURRICULUM**

**1st Semester**

- International Law / Airlaw
- Air Transport Business Administration
- Management Systems
- Human Factors in Leadership
- Modelling and simulation

**2nd Semester**

- Risk Management in airline operation
- Simulation of logistic Aviation systems
- Master Thesis
IGC – STUDY IN THE HEART OF BREMEN

The International Graduate Center (IGC) was founded by Hochschule Bremen City University of Applied Sciences as an interdisciplinary Graduate School for Management and Leadership.

For applicants with a first university degree IGC offers several MBA and master degrees in the area of international and European business and management. The IGC guarantees a postgraduate education which satisfies both academic and job requirements in equal measure. With six fulltime and three part-time master programs IGC is one of the largest providers of continuing education on master’s level in Germany.

560 STUDENTS
60 NATIONALITIES

OUR PROFILE FOCUS:
SUSTAINABILITY & SOCIAL RESPONSIBILITY

A strong commitment to sustainable management education and to ethical behavior in business is a key feature of IGC, with sustainability and social responsibility at the core of our value-orientation. This is reflected in our expectation of every member of the school to respect our core values, in the demands we set ourselves on resource-efficient and sustainable management, and in the design of our curricula. Furthermore, IGC has been the first higher education institution in Germany to receive an “Economy for the Common Good” certificate, which evaluates its success in providing an environmentally friendly and fair distribution of education. IGC has become a member of network associations in the field of management development to further develop its profile focus and its quality system.

CONTACT

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QUALITY

HSB City University of Applied Sciences has already received several prestigious awards for the quality of its international and practice-oriented teaching. Accordingly, we have committed ourselves to a high quality standard.

Our Master in Aeronautical Management holds national accreditation by AQAS, an independent, non-governmental accreditation agency in Germany, which has assessed and approved of various aspects of the program, such as study plans and organization, academic and teaching quality, relations to practice and internationalization.

IGC is dedicated to a practice- and application-oriented study approach, a truly international and intercultural orientation as well as an ongoing dialogue between science and business practice. With all this IGC is a reliable partner for the academic training of leadership personnel and managers.