



TUHH
Hamburg
University of
Technology

INTERNATIONAL INFO PACKAGE

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Introduction of TUHH and NIT

Hamburg University of Technology (TUHH) is top ranked German University of Technology. The TUHH, a public university in the Hamburg metropolitan region, is competitive, entrepreneurial, and family-oriented with high performance and quality standards. It strives for research excellence in basic research and its fields of competence. With its 25% of international students and its vast international oriented scientific network, internationally oriented university TUHH is committed to the Humboldtian ideal of education. It contributes to the development of the technical-scientific competence of society by educating the next generation of engineers with modern teaching and learning methods and by promoting technology transfer and the establishment of companies. The Mission Statement emphasizes the purpose of TUHH to work on the societal impact: Technology for Humanity.

The NIT Northern Institute of Technology Management is the top tier truly international Business School at the Hamburg University of Technology (TUHH) and offers an MBA program in Technology Management. As a single degree or a real double degree with 2 university degrees. The possible - in addition to Technology Management - master's degree courses are Computer Science (Information and Communication Systems), Microelectronics and Microsystems, Mechatronics, Mechanical Engineering and Management, Chemical and Bioprocess Engineering and Environmental Engineering. Of course, it is also possible to study Technology Management (MBA) concurrently with a professional career job. From October 2025 onwards the NIT is offering a world-class MSc in Business Analytics and AI.

Why Choose TUHH?

- **Internationally Renowned:** With 25% of our students coming from around the globe, TUHH offers a diverse and inclusive environment. Our extensive international scientific network and adherence to the Humboldtian ideal of education ensure a rich, global academic experience.
- **Cutting-Edge Research:** We strive for excellence in research, contributing significantly to the technical and scientific advancements of society.
- **Future-Focused Education:** TUHH is dedicated to educating the next generation of engineers using modern teaching methods. We emphasize technology transfer and support the establishment of innovative companies.



TUHH Mission: Technology for Humanity

At TUHH, we are committed to making a positive societal impact through technological advancements.

Why Choose NIT?

- **Dual Degrees:** Combine your MBA with a TUHH master's degree in fields like Computer Science, Microelectronics and Microsystems, Mechatronics, Mechanical Engineering and Management, Chemical and Bioprocess Engineering, or Environmental Engineering.
- **Flexible Learning:** Our MBA program allows you to balance your studies with a professional career, offering the flexibility to advance your education without putting your career on hold.
- **World-Class Education + ROI:** Receive a top-tier MBA or MA in Technology Management or an MSc in Business Analytics and Artificial Intelligence (AI) from a prestigious state university, ensuring the best return on investment.



Study programs at TUHH & NIT

The university offers 16 undergraduate study programs, 27 postgraduate study programs and one MBA study program. For more information on study programs, PhD and certificate programs please visit our website. All English-taught study programs are listed below.

TUHH English-taught Bachelor program

(Admission window 1 June to 15 July; Duration 3.5 years, 7 semester; no tuition fee)

- Engineering Science, BSc

TUHH English-taught Master programs

(Admission window 1 December to 1 March only; Duration 2 years, 4 semesters; no tuition fee)

- Chemical and Bioprocess Engineering, MSc
- Data Science, MSc
- Computer Science, MSc
- Electrical Engineering, MSc
- Environmental Engineering, MSc
- Information and Communication Systems, MSc
- Mechanical Engineering and Management, MSc
- Mechatronics, MSc
- Microelectronics and Microsystems, MSc
- Global Technology and Innovation Management & Entrepreneurship, MSc (tuition fee: EUR 6,500)

TUHH English-taught European Master's programs

- Joint European Masters in Interdisciplinary Mathematics, MSc
- Joint Masters in Ship and Offshore Technology, MSc

NIT English-taught study programs

- MA in Technology Management
- MBA in Technology Management
- MSc in Business Analytics and Artificial intelligence (AI)

- ✓ MA – no work experience required
- ✓ MBA – 1 year work experience required
- ✓ MSc – relevant Business or AI degree required
- ✓ Total tuition fee: EUR 26,750 for MBA/MA and EUR 25,000 for MSc
- ✓ Duration - 2 years
- ✓ Admission deadline: 15 July

Join the TUHH and NIT to be a part of a community dedicated to technological excellence and innovation.

Transform your future with us!

MSc: Business Analytics and Artificial Intelligence (AI) – Full time during week

The “Master Business Analytics and AI” degree program is the newest program of the NIT. The start of the 2-years full-time program is planned for October 2025. It offers a comprehensive education that meets the current and future requirements of the economy. By combining technical, analytical and strategic skills, graduates are ideally prepared to actively shape the challenges and opportunities of digital transformation.

Semester 1: FOUNDATION	Semester 2: PROGRESSION	Semester 3: APPLICATION	Semester 4: IMPLEMENTATION	
Introduction to Business Analytics	Advanced Machine Learning	AI Project Management	Master's Thesis	Technical focus
Applied Machine Learning	Big Data Technologies (inkl. Practical AI Security)	Marketing Analytics	Current Trends in Business Analytics and AI	
Statistics for Business Analytics	Data Visualization & Communication	Supply Chain Analytics		
Programming for Data Science	Causal Machine Learning	Health Care Analytics		Economic focus or additional modules
Ethics in AI (inkl. gesellschaftlicher Aspekt von AI)	AI Business Strategy (inkl. Organisation und Change Management)	"AI Legal incl. EU AI Act"		
		AI for Social Good		
		Entrepreneurial Ventures in AI		

MBA/MA: Technology Management – Full or Part time on weekends

This program strategically identifies two distinct target groups, catering to diverse preferences and needs. The offering extends beyond a conventional MBA, featuring Double Master Programs such as MBA/MA at the NIT and MSc in Engineering at the TUHH, enabling ambitious students to complete two master's degrees within a concise two-year timeframe. For those seeking flexibility, the option of a Single Master MBA/MA Part-Time Program at the NIT conducted on weekends is available, making education accessible to working professionals. Emphasizing the importance of a genuine campus experience, students are encouraged to live and study within the NIT's dedicated building at the TUHH campus. Notably, the program boasts a Premium Technical University Degree, offering a prestigious German MBA/MA degree from a top technical university, tailored for the top 10-20% of applicants.

Curriculum for the 90 ECTS Program:



Curriculum for the 120 ECTS Program:

As above with COMPLEMENTARY STUDIES which means additional courses in:

- Data Science and Machine Learning for Manager
- Legal Aspects of Technology Management
- Digital Supply Chain
- Coding

NIT Admissions

Requirements

- **Academic Qualifications:** A bachelor's degree in engineering, natural science, information or computer science, or a related business field.
- **Excellence:** A proven record of personal and academic excellence. 80% and above grades.
- **English Proficiency:** Proof of proficiency in English (IELTS 6.5 or TOEFL 90).
- **CV Submission:** A current curriculum vitae (CV).
- **Professional Experience:**
 - ✓ For MBA admission, 12 months of relevant professional experience is required.
 - ✓ Without this experience, students will graduate with a Master of Arts in Technology Management.

Application Portals

- **Double Degree:** MSc at the TUHH & MBA/MA at the NIT
 - Applications are made through the TUHH website:
<https://tune.tuhh.de/qisserver/pages/cs/sys/portal/hisinoneStartPage.faces>
 - Application window for all Double Degree students:
1 Dec to 1 March each year
 - Course start date:
1 October each year
- **Single Degree:** MBA/MA at the NIT
 - Applications are made directly through the NIT website:
<https://www.nithh.org/admissions>
 - Application window for all Single Degree students:
 - >> Non-EU students: **15 July** each year
 - >> EU students: **30 September** each year
 - Course start date:
1 October each year

NIT Application Deadline for Non-EU Students: **July 15**
 TUHH Postgraduate Application Deadline for all students: **March 1**

TUHH Undergraduate Application Period: **June 1 to July 15**
 Program Start Date: **October 1**

Why Study at NIT?

1. **Prime Location:**
Germany is celebrated for its high-quality education. Hamburg, the second-largest city, offers a welcoming environment for all cultures.
2. **World-Class Education:**
Earn an MBA in Technology Management or an MSc in Business Analytics and AI from a prestigious state university, providing excellent return on investment.
3. **Expert Faculty:**
Learn from renowned professors and global specialists in small, international classes.
4. **Cost-Effective:**
The entire two-year program costs €26,750, significantly lower than other institutions in Germany (€30k to €50k) or the US (\$100k-120k). Financing options are available for international students.
5. **Affordable Housing:**
Live on campus in fully furnished student apartments at €400/month, potentially saving up to €10,000 over two years.
6. **Strong Community:**
Join a supportive network of alumni and a vibrant student community.
7. **Free Language Courses:**
Access free courses, including German language classes, offered by TUHH.
8. **Discounted Meals:**
Enjoy subsidized meals at the university restaurant (Mensa).
9. **Part-Time Work:**
Benefit from excellent part-time job opportunities, with 80% of students working during their studies, often with industry partners. International students can work up to 20 hours per week.
10. **Free Public Transport:**
Receive a travel card for free public transportation across the Hamburg metropolitan area.
11. **Post-Graduation Work Permit:**
Obtain an 18-month post-study work permit, with excellent job placement opportunities.
12. **Career Opportunities:**
Germany offers outstanding career prospects for international graduates. At NIT, 97% of graduates secure employment within three months of graduation.

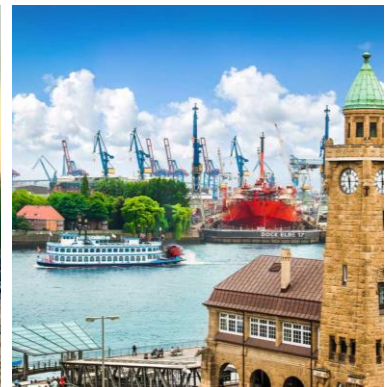
Campus Housing for NIT students

- Living & studying in NIT building @ TUHH campus
- Fully furnished student apartment - all in (€ 400/month for NIT students; housing is on a first come first served basis)
- Saving €10k accommodation expenses in 2 years
- Access to a subsidized 'public university restaurant' (Mensa)
- Free access to additional TUHH courses (e.g. additional German classes)
- Gym
- Subway/Metro
- Supermarkets
- Park

Campus Housing for NIT students



Hamburg: 10th most liveable city in the world (The Economist, 2017; Liveability Ranking Summary Report)



End of Studies: Job and Work Visa easy to achieve

1. Visa

- Student Visa is valid for 18 month after graduation
- Work Visa can be received if salary is at least €39,682*
 - => Easy to achieve with TUHH/NIT title
 - => All NIT Graduates received work visa if they wanted to work in Germany

2. Job Chances:

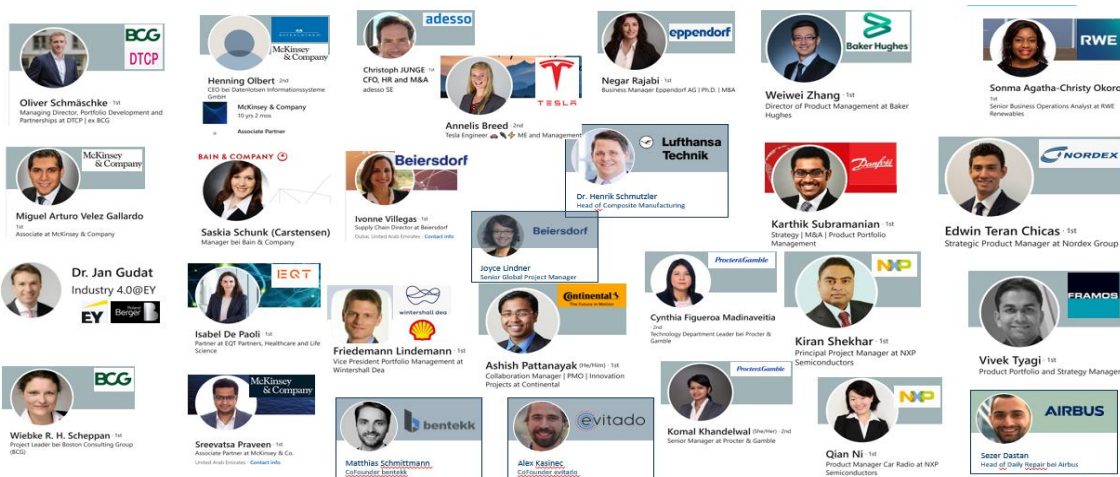
- More than 97% of NIT graduates have a job before or within 3 months after studies, if they want to

3. Career Services

- Individual Counselling by the NIT (e.g. by CEO and experienced Alumni Manager)
- Job fairs like 'Bonding' at the NIT
- Additional Job Fairs at the TUHH

Successful Students of NIT:

From NIT@TUHH – global, all industries, diverse (LinkedIn profiles)



Thank you