



DOUBLE DEGREE PROGRAM

Engineering (MSc)

Technology Management (MA or MBA)

Advance
your
career!

About the NIT

At the NIT Northern Institute of Technology Management, highly motivated engineers from around the world learn how to tackle management tasks responsibly and sustainably. Founded in 1998 as a private institute of the Hamburg University of Technology (TUHH), the NIT has educated top engineers from over 60 countries in technology management. Students benefit from small classes (max. 35 students) and enjoy individual attention. Renowned practitioners team up with German and international professors from acclaimed universities to create an inspirational learning atmosphere for students to discuss current research trends and developments. Tight relationships to international companies and project-based curriculum units make studying at the NIT exceptionally practice-oriented. NIT students live comfortably on campus, so short distances to classes and amenities are guaranteed. To top it off, the NIT alumni network extends all over the world to offer virtually boundless opportunities.



Hamburg University of Technology

A “made in Germany” higher education in engineering provides a perfect basis to meet the challenges companies face today. Hamburg University of Technology is vibrant, fresh and innovative—since 1978, the TUHH has become one of Germany’s leading educational institutions for a new generation of engineers. Course programs combine interdisciplinary research, excellent teaching and learning through application, with the promotion of practical experience in industry.

Our Double Degree Program

With our Double Degree Program you graduate with two master’s degrees at the same time. Here is how it works: at the TUHH, you enroll for an engineering master’s program of your choice, combining it with an MA or an MBA in Technology Management at the NIT. With this unique combination of degrees, your skills will be in demand as you can then combine technical know-how with firm grasp of management in an international marketplace.

Combine your NIT studies with any international Master’s Program at TUHH

- Chemical and Bioprocess Engineering (MSc)
- Environmental Engineering (MSc)
- Information and Communication Systems (MSc)
- Mechanical Engineering and Management (MSc)
- Mechatronics (MSc)
- Microelectronics and Microsystems (MSc)
- ... several other German Master’s Programs at the TUHH

Discover all available programs: www.tuhh.de

NIT Master's Program in Technology Management

The NIT master's program is designed for ambitious young engineers who strive to become responsible technology managers in a globalized world. During the two-year part-time program, you acquire a broad spectrum of knowledge and skills to complement your engineering expertise. You grow professionally and personally as you prepare for leadership positions in different industries.

The NIT curriculum includes fundamental general management courses such as economics, finance, business strategy, human resources, supply chain management, and marketing. In addition, courses like corporate responsibility, governance, business ethics, teamwork, communication and conflict management provide an opportunity to learn and reflect about how to become a proficient manager and motivating team leader. To further equip you for the international workplace, the NIT curriculum also includes foreign language classes in a language other than English.



Detailed curriculum: www.nithh.de/double-degree-program/curriculum

ENGINEERING COURSES

78 ECTS

Lectures
Tutorials
Laboratories
Seminars
Exercises

MASTER'S THESIS*

30 ECTS

Engineering

PROJECT WORK*

12 ECTS

GENERAL MANAGEMENT FOUNDATION

23 classes / 35 ECTS

- Principles of Economics
- Finance & Accounting
- Strategy & Management
- Value Chain: R&D, Marketing, Supply Chain, Operations
- Responsibility & Law

SPECIALIZATION

7 classes / 15 ECTS

CLASSIC TRACK

Specialty courses in
Technology Management

E-TRACK

Project-based learning
and workshops in Entre-
preneurial Management

COMMUNICATION & LEADERSHIP

5 workshops / 7 ECTS

FOREIGN LANGUAGE

2 semester courses + certificate exam / 6 ECTS

INTERNSHIP / WORK PROJECT*

~12 weeks / 12 ECTS

MASTER'S THESIS*

3 months / 15 ECTS (part-time: 6 months)

The NIT Double Degree Program has helped me to add valuable management tools to my already acquired technical knowledge. Moreover, the internationality not only of the classmates but also of the professors enhances constantly my intercultural and communication skills.

Andrés Felipe Bolaños Franco, NIT Class 16
 MSc International Production Management (TUHH)
 MBA in Technology Management (NIT)



Specialization Options

■ Classic Track: Technology Management

Be prepared! In NIT's classic track you learn to lead technological change processes and to develop and maintain sustainable advantages for companies. You will be equipped for the increasing complexity of managing teams and corporations in a digitalized world. This track covers topics such as technology assessment and acquisition, quality management and current challenges and trends in technology management.

■ E-Track: Entrepreneurial Management

Develop your entrepreneurial mindset! NIT's E-Track follows the entrepreneurial process from idea generation to detailed business planning and execution which is applicable to startups and established companies alike. You will gain skills for starting and growing new ventures by working on real projects, supported by dedicated courses.

Practical Experience

■ Internship

In coordination with NIT's Career Services, you spend 3 to 5 months in an industrial internship designed to complement your academic studies. You experience specific technologies in real life and can test and apply your theoretical knowledge in a practical context. Students are introduced to different areas of research, development and production and get to know industries and companies with relevance to future career paths.

■ Master's Thesis

The topic can be an academic subject derived from the NIT course work or a challenging problem from industry that developed out of your internship. In either case, students apply scientific methods and findings and follow defined research objectives.

Meet your future employer!

Beyond internship and master's thesis, NIT creates many touchpoints with various HR and R&D representatives. You will participate in field trips to company sites, engage with special guest speakers in the classroom, and attend exclusive events on applied research and company presentations. Seize your opportunities!

Why join our Double Degree Program?

You are passionate about engineering, but you want to go a step further? How about adding general management know-how, leadership skills, expertise in entrepreneurial management and proficiency in another foreign language to your profile? Our Double Degree Program meets the industry demand for engineers with a business education. You will learn how to manage modern challenges that come with Industry 4.0 and Big Data. At the NIT, you have the chance to study technology management, enjoy exciting international job opportunities and benefit from a vast network of successful NIT graduates.

The NIT has fostered my career by teaching me to promote innovation and change in organizations. It provided me with best opportunities to work for an IT company understanding both technical and business aspects of processes.



Ilona Rappu, MBA, MSc, NIT Class 07,
Head of Operational efficiency at Kaspersky Lab

BENEFITS

- World-class education in both engineering and management
- International and intercultural experience
- tight link to industry: internship and field trips
- International faculty from acclaimed business schools
- Individual support from lecturers, tutors and staff
- Personalized career development
- On-campus living: modern student apartments on a green campus
- Global alumni network and friendships

Key facts

Duration	Approximately 28 months
Start	October German course: Mid-September
Intake	Up to 35 students
Internship	3 to 5 months
Degrees	MSc in Engineering, MA in Technology Management (work experience ≥ 2 years: MBA)
Accreditaion	FIBAA (NIT program) ASIIN (TUHH programs)
Tuition fee	€ 22,000 in total
Requirements	Bachelor's degree in engineering with good academic performance High level of proficiency in English Initial work experience is a plus
Scholarships	Available for outstanding candidates

Want to apply? Your next steps!

- Visit TUHH's website www.tuhh.de and choose the eligible Master of Science program
- Check admission requirements for TUHH's MSc program (Questions? Ask study@tuhh.de)
- Get informed on NIT's admission process: www.nithh.de/admissions
- Prepare your documents and apply online

APPLICATION PERIODS

Dec. 01 - Feb. 28	NIT + international TUHH Master
Dec. 01 - July 15	NIT + German TUHH Master
Best before Feb. 28	Industrial Scholarships

Over the last years we have hired several NIT alumni. They show passion and come with a good set of engineering and management skills. Another benefit: Students train teamwork, build cultural awareness and turn it into an advantage on a daily base.

Carsten Luckert,
Section Head Baby Care Engineering at Procter & Gamble



Contact

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Supporting the NIT

