

Master's degree programme / Part-time INTERNATIONAL INDUSTRIAL MANAGEMENT

The International Industrial Management programme is your key to success. And you have the choice either to consolidate your knowledge in Industry 4.0 or Supply Chain Engineering, or to study a wider range of subject areas and broaden your general industrial management know-how.

What you will study:

General Management. Leadership.

You enhance your managerial expertise in everything from leadership skills to general management, creating the basis for a successful future career in industrial management. You develop sustainable strategies in areas including innovation, entrepreneurship and product lifecycle management.

Specialisation: Smart Production & Services.

You study the industry of the future, from smart manufacturing to big data analysis and lean production. Emphasis is placed on both the technological requirements, such as cyber-physical systems and corporate information systems, as well as new processes and business models including service engineering enabled by digital transformation.

Specialisation: Supply Chain Engineering.

You learn to optimise the supply chain in technical purchasing and sales. This requires you to study strategic procurement, logistics and supplier management, as well as the information and control systems used in materials management. Moreover, you learn more about customer relationship management, marketing and multi-channel management.

International research project.

In the second semester you carry out an international research project. You work on industry-related topics in project groups, often in cooperation with companies.

FACTS



Diplomingenieurin / Diplomingenieur (DI)



Part-time



4 semesters / 120 ECTS



FH JOANNEUM Kapfenberg



Language of instruction:
German / English

- 20 places per year
- Head of Degree Programme:
FH-Prof. Mag. Dr. Martin Tschandl
- Tuition fees: no tuition fees for students from the EU, EEA and Switzerland
- All information about deadlines, requirements, application and admission can be found online.
- www.fh-joanneum.at/imb

Did you know ...

... that you'll graduate with the academic degree of Diplomingenieur/Diplomingenieurin (DI) in four semesters? We create the basis for a perfect balance between work, family and studies.



Organisation

With mandatory attendance on Friday afternoons and on Saturdays, the programme is designed so that students can combine work with study. Students particularly value the opportunity to work on practical projects in small groups, and to network with teaching staff and colleagues from other companies.

TIP: This Master's programme is an optimal part-time specialisation for graduates and students of other industrial engineering, technical or business programmes.

Career prospects

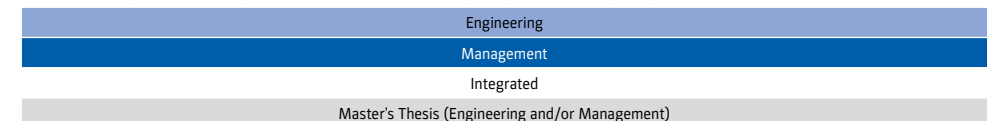
Our industrial engineering students often find that the course gives them a career boost in their company. They have a broad range of technical and business experience in different fields along the supply chain and take on management or consulting roles in many areas in industry and business.

"The programme combines business expertise with technical understanding. The scientific fundamentals were complemented by practical application, which proved to be very useful. The training I received enabled me to take some major steps forward in my career."

DI Reinhard Leitner, Graduate
Deputy Head of R&D, VA Tubulars

CURRICULUM: 120 ECTS (30 ECTS per semester)

| 1st semester | | 2nd semester | | 3rd semester | | 4th semester | | |
|---|--|--------------------------------------|--|--|---|--|--------------------------------------|----------------------------|
| Production Technologies & Optimisation 12 ECTS | Industrial Management & Engineering 12 ECTS | Strategic Management 7.5 ECTS | | Smart Production I 6 ECTS | Supply Chain Management 6 ECTS | Global Economics 2 ECTS | | |
| | | Law for Executives 4 ECTS | | | | Product Lifecycle Management 2 ECTS | | |
| Lean Production 7.5 ECTS | | International Management 4.5 ECTS | | Planning & Production Controlling 6 ECTS | Planning & Supply Chain Controlling 6 ECTS | Negotiation Elective 2 ECTS | | |
| Supply Chain Engineering I 7.5 ECTS | | Leadership Competences 4 ECTS | | | | Supply Chain Engineering II 7 ECTS | | Master's Thesis 24 ECTS |
| Operations Analytics 3 ECTS | | Research & Project 10 ECTS | | Service Engineering & Production Lab 7 ECTS | Supply Chain Computing 7 ECTS | | | |
| | | | | | | Leadership in Smart Production 4 ECTS | Leadership in Supply Chain 4 ECTS | |



* In the 3rd semester students can specialise in Smart Production & Services or Supply Chain Engineering.