SPACE FOR MANAGEMENT IN POLYMER TECHNOLOGIES (MPT)

Master's Degree Program

JOHANNES KEPLER
UNIVERSITY LINZ

Management in Polymer Technologies.

The Master's degree program 'Management in Polymer Technologies (MPT)' combines key subject areas in polymer engineering and business administration. The curriculum is globally unique, expanding on undergraduate studies in Polymer Engineering at the JKU. Applicants who hold an undergraduate degree in Technical Chemistry, Biological Chemistry, Technical Physics, or Mechatronics need to complete mandatory bridging subjects during the MPT program. Graduates of other undergraduate degree programs admitted to the program may be required to complete additional coursework of up to 40 ECTS credits during the program. The program is flexible, allowing students to specialize in polymer technologies and business administration, including Sustainable Development. Graduates can pursue professions ranging from project management to marketing and to executive management positions.

YOUR BENEFITS

- **Unique cross-disciplinary program**
- **Attractive infrastructure, state-of-the-art equipment**
- **Flexible options for specialization**
- **Outstanding conditions to conduct research**
- **Excellent career prospects**

To The Point

VERONIKA BERGER
BSc in Polymer Engineering
DI in Management in Polymer Technologies

'After successfully completing a BSc degree in Polymer Engineering, I was able to acquire strong management skills as well as in-depth knowledge in engineering. The electives I chose prepared me well for project management tasks and the pursuit of a Ph.D. degree.'

ENIS ALTINTAS
BEng in Kunststofftechnik
DI in Management in Polymer Technologies

'For me, the Master's degree program in Polymer Technologies is a quintessential combination of engineering and business administration. I had valuable opportunities to specialize in many fields. The state-of-the-art facilities are well-equipped to support high quality research and teaching.'

Educational Objectives, Career Prospects.

Educational Objectives

- Basic and advanced knowledge of polymer technologies
- Basic and advanced knowledge of business administration for engineers
- Understanding polymeric materials and polymer-based technologies as part of environmental and social challenges ('Circular Economy' and 'Sustainable Development')
- Special in-depth expertise by selecting from the optional advanced elective track courses and selecting a thesis topic
- Expertise in providing solutions for polymer engineering and management-related problems and assignments in an industrial environment
- Methodological skills and expertise to create and present polymer science driven and/or market-oriented research projects

Job Opportunities

Graduates of the MPT program are highly sought-after specialists and can pursue a variety of occupations at companies hiring experts who possess a unique background in both engineering and business. Job opportunities exist in:

- The plastics industry (including plastics manufacturers and processors, plastic machinery and products suppliers)
- Industrial companies that utilize plastics and polymer products, including the packaging industry, construction branch, automotive industry, electrical equipment and electronics industry, the sports and recreation sector, aerospace, energy production, medical products and devices, etc.
- Agencies and regulatory trade offices that oversee polymeric materials and products (such as certification agencies, ministries, patent offices, etc.)

Polymer-based products and technologies are vital to the economy and their innovative potential is limitless. In lieu of the social challenges outlined in the UN's 'Sustainable Development Goals (SDGs)', graduates of the MPT program can also:

- Pursue positions at academic, public, or private research facilities (possibly in combination with a Ph.D. degree program, either in Austria or abroad).
- Create a start-up company in manufacturing, as a service provider, or as an expert consultant.

Master's Degree Program.

Subject Areas

SEMESTER	1	2	3	4
Management Basics	12	-	-	-
Management Advanced	-	6	9	-
Advanced Polymer Technologies	11,5	10,5	3	-
Advanced Electives in Management and Polymer Technologies	3,5	13,5	12	-
Free Electives	3	-	6	3
Master's Thesis	-	-	-	25
Master's Examination	-	-	-	2
ECTS CREDITS: 120	**30**	**30**	**30**	**30**

PROGRAM:
Master's Degree MPT

ACADEMIC DEGREE:
DI (equivalent to MSc)

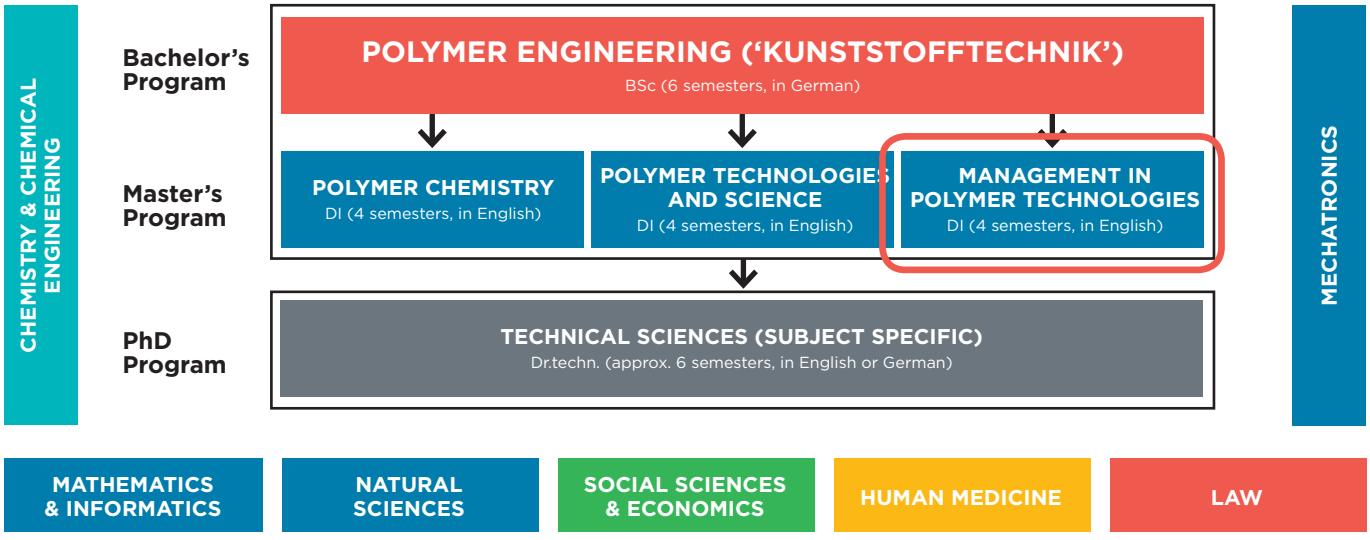
PROGRAM DURATION:
4 semesters

CREDITS:
120 ECTS

PROGRAM LANGUAGE:
English

The Master's degree program Management in Polymer Technologies as above is for graduates of the Bachelor's degree program in Polymer Engineering. See the curriculum for information about required courses for graduates of the Bachelor's degree programs in Technical Chemistry, Technical Physics, Mechatronics and Biological Chemistry.

JKU Polymer Program



Management in Polymer Technologies (MPT) is a part of the JKU's 'Fields of Excellece'.

Admission Requirements, Academic Advising.

Admission Requirements

- Applicants who have completed a Bachelor's degree program in Polymer Engineering ('Kunststofftechnik'), 'Technical Chemistry', 'Mechatronics', or 'Biological Chemistry' at the JKU will be admitted to the Master's degree program without any additional prerequisites.
- Graduates of other universities or post-secondary institutions may be admitted to the program providing their degree is equivalent in content and scope to one of the above listed JKU undergraduate degrees.
- Applicants admitted to the program and holding an undergraduate degree in a related field may be required to complete additional coursework of up to 40 ECTS credits during the Master's degree program.

See: jku.at/studienrichtung or visit the Student Information and Advising Services (SIBS) for detailed information about admission requirements.

Post-Graduate Program/ Double Degree Options

- PhD Program/Doctoral Program in Technical Sciences
- DI/MSc Polymer Technologies and Science
- DI/MSc Polymer Chemistry

Admission depends on the applicant's BSc degree.

See: lit.jku.at for further information.

Academic Advising

STUDENT INFORMATION AND ADVISING SERVICES (SIBS)
Lecture Tract, Hall A
+43 732 2468 3450
studium@jku.at
jku.at/sibs

AUSTRIAN STUDENT UNION LINZ – OFFICE OF ACADEMIC ADVISING
Main Campus Library (ground floor)
and the Lecture Tract
+43 732 2468 1122
studienberatung@oeh.jku.at
oeh.jku.at

ADMISSIONS OFFICE
Bank Building, 1st Floor
Rm. 113 A/B
+43 732 2468 3180, -3181, -3271
admission@jku.at
jku.at/admission

CONTACT

Management in Polymer Technologies

JKU Science Park 2

+43 732 2468 6610

mpt@jku.at

jku.at/mpt

JOHANNES KEPLER
UNIVERSITY LINZ

Altenberger Straße 69
4040 Linz, Austria
+43 732 2468 0
info@jku.at
jku.at