

Matrikelnummer / Student ID Number

Studienkennzahl / Degree program number

UK	066	479			
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ANSUCHEN UM ZULASSUNG ZUR MASTERPRÜFUNG IM MASTER-STUDIUM POLYMER ENGINEERING AND SCIENCE (PES)

APPLICATION FOR ADMISSION TO THE MASTER'S EXAMINATION IN THE MASTER'S PROGRAM IN POLYMER ENGINEERING AND SCIENCE (PES) - (1.10.2024)

Vor- und Familienname / First and Family name	
Telefonnummer / Phone number	
E-Mail	

Prüfungssenat der Masterprüfung / Members of the examination senate

Vorsitzende*r und 1. Prüfer*in / Chair of the Examination Senate and 1. Examiner	Name in Blockbuchstaben / Name	Unterschrift / Signature
	Präsentation und Verteidigung der Masterarbeit / Presentation and Defense of the Master's Thesis	

2. Prüfer*in / 2. Examiner	Name in Blockbuchstaben / Name	Unterschrift / Signature
Masterarbeitsfach / Master's Thesis Subject		

3. Prüfer*in / 3. Examiner	Name in Blockbuchstaben / Name	Unterschrift / Signature
Pflichtfach nach Wahl gemäß Curriculum / Mandatory Subject of choice according to curriculum		

Unterschrift Befürwortung Studienpräses / Endorsement by Study President	
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Termin / Date	Uhrzeit / Time	Prüfungsort / Place of Examination

Linz, am /on _____

Unterschrift Antragsteller*in / Student signature	
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genehmigt / nicht genehmigt

Linz, am _____

Unterschrift Vizerektor*in für Lehre und Studierende	
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Polymeric Materials and Testing

Course	Code	Type	ECTS	Date	Grade
Characterization and Testing of Polymeric Materials 2	479POMTCTPP12	PR	4		
Industrial Chemistry for Plastic Engineering	479POMTINCV12	VL	1,5		
Plastics Recycling - From Waste Management and Processing to Performance	479POMTPREV23	VL	3		
Physical Chemistry of Surfaces and Interfaces	479POMTPCSV12	VL	1,5		
Polymeric Materials 3: Polymer Mechanics and Fracture Mechanics	479POMTPM3V12	VL	3		
Polymeric Materials 4: Functional Polymeric Materials	479POMTPM4S12	SE	1		
	479POMTPM4V12	VL	1,5		
Chemical Interactions in Polymers	497POCHCIPV19	VL	1,5		
Total Grade	1		17		

Polymer Product Engineering

Course	Code	Type	ECTS	Date	Grade
Design of Lightweight Structures	479POPEDLSK12	KV	3		
Lightweight Design with Composite Materials	479POPELDCU12	UE	1,5		
	479POPELDCV12	VL	3		
Mechanical Material Models for Polymers	479POPEMMK12	KV	3		
Polymer Product Design and Engineering 4: Integrated Injection Moulding, Micromechanics and Structure Simulation	479POPEPP4U12	UE	1,5		
	479POPEPP4V12	VL	3		
Structural Durability Calculations	479POPESDCU14	UE	1,5		
Total Grade	5		16,5		

Polymer Processing

Course	Code	Type	ECTS	Date	Grade
Polymer Extrusion and Compounding 1: Process Technologies	479POPREC1U14	UE	1,5		
Polymer Extrusion and Compounding 1: Process Technologies	479POPREC1V12	VL	3		
Polymer Extrusion and Compounding 2: Modelling Screw Extrusion	479POPREC2U14	UE	1,5		
	479POPREC2V12	VL	3		
Polymer Injection Moulding 1: Machine Engineering	479POPRIIMV13	VL	3		
Polymer Injection Moulding 2: Process Technologies	479POPRIIMPV13	KV	3		
Polymer Processing	479POPRIPOP14	PR	2,5		
Total Grade	10		17,5		

Scientific and Future Skills

Students are expected to complete a course from the "Soft Skills" area worth 3 ECTS credits.

Students are expected to complete at least 9 ECTS from the "Seminars and Scientific Tutorials" area. At least the Scientific Tutorial held by the respective Master's thesis supervisor has to be taken.

Course	Code	Type	ECTS	Date	Grade
Total Grade	15		12		

Elective Track

At least two Elective Subjects of 9 ECTS each have to be completed, except for graduates of Master's programs Medical Engineering or Mechanical Engineering (Maschinenbau) who have to complete a bridge subject instead.

Elective Subject:

Course	Code	Type	ECTS	Date	Grade
Total Grade	20-...		9		

Elective Subject:

Course	Code	Type	ECTS	Date	Grade
Total Grade	20-...		9		

Bridge Subjects

Graduates of Bachelor's programs "Maschinenbau (Mechanical Engineering)" (UK 033/245) and "Medical Engineering" (UK 033/254) at the JKU must complete the bridge subject to the extent of 18 ECTS credits, respectively. If courses from the Bridge Subject have already been completed as part of the degree program on which admission was based, any courses from the standard elective subjects may be chosen to fill up 18 ECTS. Students who completed the bridge subject do not have to complete further elective subjects.

**Bridge Subject for Graduates of the Bachelor's Program Medical Engineering /
 Bridge Subject for Graduates of the Bachelor's Program Mechanical Engineering (Maschinenbau)**

Course	Code	Type	ECTS	Date	Grade
Total Grade	25		18		

Master's Thesis Seminar

Course	Code	Type	ECTS	Date	Grade
Master's Thesis Seminar PTS	479MAARMTSS14	SE	1		
Total Grade	30		1		

Free Electives

Course	Code	Type	ECTS	Date	Grade

Total Grade	35		12		

The Vice-Rector for Academic Affairs