

Start in the winter semester (WS)

Module No.	Module name	PL/SL	Sem.	SWS	ECTS	Type of examination	Percentage of overall rating		Remarks
RPCP 1.1	Research Management Skills and Processes	PL	1	4	5	M	5%		
RPCP 1.3	Advanced Material Science	PL	1	4	5	K	5%		
RPCP 1.5	Advanced Mechanics (Strength of Materials, Dynamics)	PL	1	4	5	K	5%		
RPCP 2.4	Colorimetry, Varnishing and Product Cleaning Technology	PL	1	4	5	K	6%		[1]
RPCP 2.5	Fracture Mechanics and Tribology	PL	1	4	5	K	6%		[1]
RPCP 2.7	Corporate Social Responsibility	SL	1	4	5	H			[1]
RPCP 2.8	Machine Learning and Artificial Intelligence	SL	1	4	5	K			[1]
RPCP 1.2	Advanced Mathematics for Engineers	PL	2	4	5	K	5%		
RPCP 1.4	Coating Technology and Functional Surfaces	PL	2	4	5	K	5%		
RPCP 1.6	Material and Surface Characterisation of Polymers and Composites	PL	2	4	5	K	5%		
RPCP 2.1	Refinement of Polymer Compounds and Textiles	PL	2	4	5	K	6%		[1]
RPCP 2.2	Customer Oriented Polymer Refinement	SL	2	4	5	K			[1]
RPCP 2.3	Refinement of Additively Manufactured Products	PL	2	4	5	M	6%		[1]
RPCP 2.6	Project Work	PL	2		5	P	6%		[2]
RPCP 2.9	Application Training and Presentation Techniques	SL	2	4	5	H			[1]
RPCP 2.10	Research Thesis	PL	2		20	H	50%	24%	[3]
		PL				M	50%		
RPCP 3.1	Master Thesis	PL	3		24		30%		
RPCP 3.2	Colloquium	PL	3		6		10%		

[1] The modules RPCP 2.1 – 2.9 are elective modules. For these modules are constraints in § 7 (4) relevant

[2] The module “Project Work” (RPCP 2.6) has to be chosen for the direction Engineering. It cannot be chosen, if the program is oriented in „Research“. See also § 5.

[3] The module „Research Thesis“ be chosen, if the program is oriented in „Research“. See also § 5

Types of examinations

K - written examination

H - term paper

M - oral examination

P - project work

Start in the summer semester (SS)

Module No.	Module name	PL/SL	Fach-sem.	SWS	ECTS	Type of examination	Percentage of overall rating	Remarks	
Summer Semester									
RPCP 1.1	Research Management Skills and Processes	PL	1	4	5	M	5%		
RPCP 1.2	Advanced Mathematics for Engineers	PL	1	4	5	K	5%		
RPCP 1.2	Coating Technology and Functional Surfaces	PL	1	4	5	K	5%		
RPCP 1.6	Material and Surface Characterisation of Polymers and Composites	PL	1	4	5	K	5%		
RPCP 2.1	Refinement of Polymer Compounds and Textiles	PL	1	4	5	K	6%	[1]	
RPCP 2.2	Customer Oriented Polymer Refinement	SL	1	4	5	K		[1]	
RPCP 2.3	Refinement of Additively Manufactured Products	PL	1	4	5	M	6%	[1]	
RPCP 2.9	Application Training and Presentation Techniques	SL	1	4	5	H		[1]	
RPCP 1.3	Advanced Material Science	PL	2	4	5	K	5%		
RPCP 1.5	Advanced Mechanics (Strength of Materials, Dynamics)	PL	2	4	5	K	5%		
RPCP 2.4	Colorimetry, Varnishing and Product Cleaning Technology	PL	2	4	5	K	6%	[1]	
RPCP 2.5	Fracture Mechanics and Tribology	PL	2	4	5	K	6%	[1]	
RPCP 2.6	Project Work	PL	2		5	P	6%	[2]	
RPCP 2.7	Corporate Social Responsibility	SL	2	4	5	H		[1]	
RPCP 2.8	Machine Learning and Artificial Intelligence	SL	2	4	5	K		[1]	
RPCP 2.10	Research Thesis	PL	2		20	H	50%	[24%]	[3]
		PL				M	50%		
RPCP 3.1	Master Thesis	PL	3		24		30%		
RPCP 3.2	Colloquium	PL	3		6		10%		

[1] The modules RPCP 2.1 – 2.9 are elective modules. For these modules are constraints in § 7 (4) relevant

[2] The module “Project Work” (RPCP 2.6) has to be chosen for the direction Engineering. It cannot be chosen, if the program is oriented in „Research“. See also § 5.

[3] The module „Research Thesis“ be chosen, if the program is oriented in „Research“. See also § 5

Types of examinations
 K - written examination
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