English translations of the §62 *Masterstudiengang Engineering and Business Management SPO* is intended solely as a convenience to non-German-reading students. Only the German text published is legally binding. In the event of any conflict between the English and German text, its structure, meaning or interpretation, the German text, its structure, meaning or interpretation prevail.

Section 62 Master programme Engineering and Business Management

(1) The total volume of both elective and compulsory modules required for the successful completion is 90 credit points. The normative time to degree is three curricular semesters. This is a further education master study programme.

(2) The working language, including for all exams, is English.

(3) Grade sheets and certificates are issued in English.

(4) Those compulsory modules required for the successful completion of the study programme as well as the corresponding graded and non-graded assignments are listed in table 2. Table 1 provides an overview of the modular structure:

Table 1: modular structure

module/ semester	1	2	3	4	5
3	Thesis				
2	Lean Management Lab	Design for Additive Manufacturing: 3D Printing Technologies and Application-Oriented Design	Advanced Robotics	Business Management	Technology Management
1	Lean Management	Applied Artificial Intelligence: Practical Methods and Applications	Manufacturing Processes	Project Management	Managing Diversities

Table 2: Engineering and Business Management (semester 1-3)

module	Course	type	volume (SWS)	graded assessment	non-graded assessment	credits
curricular semester 1						**30**
Lean Management (6 LP)						
	Lean Management	V/Ü	4	1K		6
Applied Artificial Intelligence: Practical Methods and Applications (6 LP)						
	Digital Design	V	2	1sbA		3
	Artificial Intelligence and Digital Manufacturing	V	2	1sbA		3
Manufacturing Processes (6 LP)						
	Advanced Manufacturing	V	2	1K		3
	Coating and Surfaces Lab	P	1		1sbA	1
	Coating and Surfaces	V	2	1sbK		2
Project Management (6 LP)						
	Traditional and Agile Project Management	V/W	4	1K(50%), 1sbA(50%)[1]		6
Managing Diversities (6 LP)						
	Transcultural Competences in Diverse Teams	V/Ü	2	1sbA		3
	Languages (English/German)	V/Ü	2	PL		3
curricular semester 2						**30**
Lean Management Lab (6 LP)						
	Lean Management Lab	P	4	1sbA		6
Design for Additive Manufacturing: 3D Printing Technologies and Application-Oriented Design (6 LP)						
	Rapid Prototyping Lab	P	4	1sbA		6
Advanced Robotics (6 LP)						
	Automation and Robotics Lab	P	2	1sbA		3
	Advanced Robotics and Simulation	V/Ü	2	1sbH		3
Business Management (6 LP)						
	Finance and Accounting	V	2	1K		3
	Leading and Managing Projects	V/W	2	1sbA(50%), 1L (50%)[1]		3

module	Course	type	volume (SWS)	graded assessment	non-graded assessment	credits
Technology Management (6 LP)						
	Strategy and Innovation	V	2	1K(50%), 1sbPN(50%)[1]		3
	Intellectual Property and Licensing: Protecting and Commercialising Innovation	V	2	1sbH		3
curricular semester3						**30**
Thesis (30 LP) [2]						
	Thesis Seminar	S			1sbPN	6
	Master Thesis			1T		24
total						**90**

[1] The graded-assessment in its entirety is only a pass if at least the grade *ausreichend* (4,0 = sufficient) has been achieved in each of the component assessments. In case of a fail, you only have to and are only able to re-take those part assessment which you failed.

[2] If the presentation (PN) is failed, only this has to be re-taken; if the thesis is failed, the relevant presentation (PN) has to be re-taken as well.