

Annex 1 to the study and examination regulations for the Master's degree programme in Automotive Production Engineering at Technische Hochschule Ingolstadt dated 18/06/2016 in the version of the amending statutes dated 02/10/2023

1	2	3	4	5	6	7	8	9	10
No.	Modules	SWS	Type of course	Examinations		Scope		Weighting for the overall examination grade (in %)	ECTS credit points (ECTS)
				Kind	Duration in	written elaboration	Presentation (Power Point)		
1	Technology Development & Innovation Management	4	SU/Ü	schrP	90			6,3	5
2	Advanced Manufacturing Technologies	4	SU/Ü	SA with coll	15	8 -15 pages	15-20 slides	6,3	5
3	Cost Engineering & Risk Management	4	SU/Ü	schrP	90			6,3	5
4	Engineering Processes in Automotive Industry	4	SU/Ü	schrP	90			6,3	5
5	Production System and Plant Design	4	SU/Ü	schrP	90			6,3	5
6	Production and Logistics Networks	4	SU/Ü	schrP	90			6,3	5
7	Automation and Equipment Technologies	4	SU/Ü	schrP	90			6,3	5
8	Digital Technologies in Engineering	4	SU/Ü	SA with coll	15	8 -15 pages	15-20 slides	6,3	5
9	Group Project	4	S	Proj	15	5-25 pages		6,3	5
10	Individual Elective 1 ¹⁾	4		LN				6,3	5
11	Individual Elective 2 ¹⁾	4		LN				6,3	5
12	Scientific Research Seminar	2,5	S	StA		8 -15 pages		6,3	5
13	Master Thesis			MA		60-80 pages		24,4	30
	Total	46,5						100	90

Footnotes

¹ Two modules with 4 SWS must be selected from the compulsory elective modules. The proof of performance may be a written examination, an oral examination, a term paper, a seminar paper or a project paper. The details are specified by the Faculty Council in the module handbook. - There are two compulsory elective modules: Individual Elective 1 and Individual Elective 2

Type of course

S	Seminar
SU	Seminar-based teaching
Ü	Exercise
SU/Ü	Seminar-style teaching with exercises
Pr	Internship

Type of examination

schrP	written examination	The written examination is a written examination lasting 90 minutes, unless explicitly stated otherwise.
mdlP	Oral examination	The oral examination is an interview lasting 15 minutes per person, unless explicitly stated otherwise.
prP	Practical examination	Based on "real actions" of the student, it should be demonstrated that the student has mastered the practical application of the competences taught. The practical examination lasts 15 minutes unless explicitly stated otherwise.
StA	Student research project	The student research project is a term paper without an oral presentation. A term paper comprises a minimum of 3000 to a maximum of 6000 words (approx. 10 to 20 pages: Word document approx. 8 to 15 pages or Power Point approx. 15 to 20 slides).
SA	Seminar paper	The seminar paper is a term paper with an oral presentation. A term paper comprises a minimum of 3000 to a maximum of 6000 words (approx. 10 to 20 pages: Word document approx. 8 to 15 pages or Power Point approx. 15 to 20 slides). The oral presentation has a total length of 15-20 minutes and can also take place during the semester.
Proj	Project work	The project work is a group assignment in which several students work on a joint task as a team and present the results orally and in writing. Each student must contribute individually to the joint task and deliver an oral presentation lasting 15 minutes. The written part has a length of approx. 5-25 pages.
MA	Master thesis	Written thesis in the Master's degree programme: Maximum processing time (= period between registration of the Master's thesis and submission) of 6 months / length 60-80 pages
Coll	Colloquium	The colloquium is an oral examination lasting 10-15 minutes in which the student defends the results of his or her thesis.