



## **Learning Contract for Master's Thesis**

This study contract defines the requirements for the acquisition of credit points for the master's thesis.

Part I: Agreem	en	t
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Before to the start of the master's thesis, two copies of this agreement must be signed by the assessor, the student and the head of the teaching committee (Unterrichtskommission). One copy will be kept by the assessor (or the Academic Office of the degree program (Studiengangsekretariat)), the second one will remain with the student.

Student:	Erdem Koca					
Student ID (Matrike	elnr.): 2020 062 451	2020 062 451				
Degree program:	Master Computer Science 16/21					
Working title of the Lasso Regress		vork-Based Nonlinear Corrections				
classical spars Network. The c	levelop and impleme e regression (in the s	ent a Machine Learning model that integrates style of the "lasso") and a highly expressive Neural uld overcome the limitations of the linear lasso rpretability.				
Start date: 20.3	2025	End date: 19.9.2025				

Student:	Erdem Koca					
Assessor:	Volker Roth					
Second assessor 1, 2:	Shijian Xu					
Biology: if necessary, date of approval by GLV Biozentrum:						
Number of CP: 30						
Signatures: Student:	Assessor:	Second assessor <sup>1, 2</sup> :	Head of Teaching Committee:			
	Volle B14					
Basel, 20.03.2025	Basel, 20.03.2025	Basel,	Basel,			
Part II: Assessment						
☐ Confirmation that the Master's thesis includes the statement on scientific integrity						
☐ Reports for Master's thesis are available						
Grade (half or full grade):  (grading scale: 6.0 = excellent, 5.5 = very good, 5.0 = good, 4.5 = satisfactory, 4.0 = sufficient, 3.5 to 1.5 = not sufficient)						
Signature(s) for assessn Assessor:	nent:	Second assesso	r <sup>1, 2</sup> :			
Basel,		Basel,				

## After the assessment:

Please hand in the completed form, including a copy of the title page of the master's thesis, to: Physics: forward this form to the Office of the Dean of Studies (Studiendekanat) of the Faculty of Science

all others: forward this form to the Academic Office of the degree program (Studiengangsekretariat)

<sup>&</sup>lt;sup>1</sup> Second assessor mandatory for: Chemistry, Nanosciences, PNA, Physics

<sup>&</sup>lt;sup>2</sup> Biology only: Second assessor mandatory if grade 6 or an insufficient grade or "Biozentrum"-external assesors