

Examinations Office, Cognitive Science
Wachsbleiche 27, 49090 Osnabrück, Germany

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TRANSCRIPT OF RECORDS

We hereby confirm that Mr

Dirk Gütlin


has completed the following program of study

Semester (SS/WS)	Title of Course ¹	Unit Code	Weekly Hours	Credit Points	Numerical Grade ²
WS 2019	Implementing ANNs with TensorFlow	8.3304	4	8	1.0
WS 2019	Neuroinformatics (Lecture + Tutorial)	8.3047	6	12	3.0
WS 2019	Time Series Analysis and Forecasting	8.3415	2	4	3.0
WS 2019	Introductory Course in Analysis & Linear Algebra for Cognitive Science Masters Students	8.3374	4	8	P
WS 2019	Hackathon 2019 - AI 4 Closed Loop Control Systems	8.3427	1	2	P
SS 2020	Neurodynamics (Lecture + Tutorial)	8.3047	4	8	1.0
SS 2020	Introduciton to Unity	8.3436	2	4	1.0
SS 2020	Advanced Experiment Design and Programming in Unity	8.3398	2	4	1.7
SS 2020	Study Project: Hyperscanning (Part I)	8.3367	6	12	1.0
WS 2020	Study Project: Hyperscanning (Part II)	8.3367	6	12	1.0
WS 2020	Advanced Topics in Action & Cognition	8.3076	2	4	1.0
WS 2020	Quest (Independent Study Course)	8.3075	2	4	1.0
WS 2020	Applied Neuroscience	8.3488	2	4	1.0
WS 2020	Complex Dynamical Systems Meeting Machine Learning	8.3480	2	4	1.3
Ws 2019	Hyperscanning – Interdisciplinary course	8.3432	2	4	1.0
WS 2020	Dyadic Interactions in VR	8.3473	2	4	1.0
Master's thesis		-	-	30	upcoming

UNIVERSITÄT OSNABRÜCK
Fachbereich Humanwissenschaften
Lehrereinheit Cognitive Science
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The transcribed courses
have been verified and
are in agreement with
the departmental rules.

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(date, signature)
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Major Subjects and Study Project		Grade
1	Neuroinformatics and Robotics	1.0
2	Neuroscience	1.0
Study Project	Hyperscanning	1.0
Preliminary Grade Point Average		1.0

The student has been awarded the following degree: ---

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Remarks

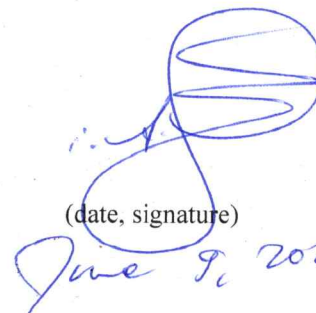
¹ In Osnabrück, all units cover one semester. Follow-up units, if appropriate, are listed separately.

² Please see following grading scale:

Master Grading Scale		
Grade	In words	Description
1.0 – 1.5	EXCELLENT	Outstanding performance
1.6 – 2.5	GOOD	Above the average standard
2.6 – 3.5	SATISFACTORY	Generally sound work
3.6 – 4.0	SUFFICIENT	Performance meets the minimum criteria.
4.1 – 5.0	FAIL	Considerable further work is required.
P	PASS	The course was only offered with a pass/fail option or the student decided to take a given course according to the pass/fail option. No differentiated grades were assigned in this case.
IP	IN PROGRESS	The course is not yet completed or the grades have not yet been provided by instructor.

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