Friedrich-Alexander-Universität Erlangen-Nürnberg

Prüfungsamt Nürnberg, Lange Gasse 20, 90403 Nürnberg
Prüfungsamt Erlangen, Halbmondstraße 6, 91054 Erlangen

Examinations Office Erlangen / Nürnberg

Mr.

Raza Ul Azam

c/o Mohammad Ali Chaudhry

Allmandring 8D

70569 Stuttgart

Overview for Examinations Office			
Exam	Status	ECTS	Grade
Master's examination	PV	120	1.60

List of examinations taken by Mr. Raza Ul Azam
born on 1 March 1995 in Lahore, Pak, Pakistan, Islamische Republik

Only ECTS credits of passed modules are counted. Not yet completely passed modules are listed in this document together with passed exams, but will not be considered in counting this total amount of ECTS credits.

Master of Science: Communications and Multimedia Engineering

No.	Examination	Semester**	Date	Grade	Status	ECTS	Note	Attempt
10000	**Master's examination**			**1.60**		**120.0**		
2000	**Total**		**2020-08-25**	**1.6**	**passed**	**120.0**		
1999	Master's thesis *Interpretation and Classification of Bayesian Uncertainty for Vision based Classification Tasks(*)*	Summer 20	2020-08-25	1.0	passed	30.0		1
47800	**Digital Communications**		**2018-02-24**	**1.7**	**passed**	**5.0**		
78001	Digital Communications	Winter 17/18	2018-02-24	1.7	passed	5.0		1
93601	**Information Theory and Coding**		**2018-02-13**	**2.3**	**passed**	**5.0**		
36011	Information Theory and Coding	Winter 17/18	2018-02-13	2.3	passed	5.0		1
96430	**Statistical Signal Processing**		**2018-03-22**	**3.0**	**passed**	**5.0**		
64301	Statistical Signal Processing	Winter 17/18	2018-03-22	3.0	passed	5.0		1
43141	**Mobile Communications**		**2018-07-27**	**1.3**	**passed**	**5.0**		
31411	Mobile Communications	Summer 18	2018-07-27	1.3	passed	5.0		1
96310	**Image and Video Compression**		**2018-07-24**	**2.3**	**passed**	**5.0**		
63101	Multimedia Communications I: Image and Video Compression	Summer 18	2018-07-24	2.3	passed	5.0		1
96460	**Speech and Audio Signal Processing**		**2018-09-21**	**2.3**	**passed**	**5.0**		

13 September 2020 - Raza Ul Azam, Student ID: 22466077

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No.	Examination	Semester**	Date	Grade	Status	ECTS	Note	Attempt
64601	Speech and Audio Signal Processing	Summer 18	2018-09-21	2.3	passed	5.0		1
1700	**Technical Courses**		**2019-01-28**	**2.1**	**passed**	**15.0**		
1730	**Technical Electives**		**2018-03-28**	**2.3**	**passed**	**5.0**		
44130	**Pattern Recognition**		**2018-03-28**	**2.3**	**passed**	**5.0**		
41301	Pattern recognition	Winter 17/18	2018-03-28	2.3	passed	5.0		1
1710	**Lab Courses**		**2018-07-16**		**passed**	**7.5**		
97520	**Laborpraktikum Digitale Signalverarbeitung**		**2018-03-31**		**passed**	**2.5**		
75201	Laboratory course: Digital Signal Processing	Winter 17/18	2018-03-31		passed	2.5		1
194239	**Lab Course Image and Video Processing on Embedded Platforms**		**2018-03-29**		**passed**	**2.5**		
194239	Lab Course Image and Video Processing on Embedded Platforms	Winter 17/18	2018-03-29		passed	2.5	+	1
894349	**Audio Processing Laboratory**		**2018-07-16**		**passed**	**2.5**		
894349	Audio Processing Laboratory	Summer 18	2018-07-16		passed	2.5	+	1
1720	**Seminar**		**2019-01-28**	**1.7**	**passed**	**2.5**		
330542	**Audio processing seminar**		**2019-01-28**	**1.7**	**passed**	**2.5**		
330542	Audio Processing Seminar	Winter 18/19	2019-01-28	1.7	passed	2.5		1
1750	**compulsory elective modules taken from non-engineering subjects**		**2019-02-08**	**1.4**	**passed**	**15.0**		
1770	**compulsory elective modules taken from non-engineering subjects**		**2019-02-08**	**1.4**	**passed**	**15.0**		
30013	German A1.1: General course	Winter 17/18	2018-02-12	1.3	passed	5.0		1
30014	German A1.2: General course	Summer 18	2018-07-06	1.3	passed	5.0		1
30016	German A2.1: General course	Winter 18/19	2019-02-08	1.7	passed	5.0		1
93500	**Digital Signal Processing**		**2019-04-01**	**2.7**	**passed**	**5.0**		
35001	Digital Signal Processing	Winter 18/19	2019-04-01	2.7	passed	5.0		1
1800	**Technical Electives**		**2019-09-29**	**1.3**	**passed**	**15.0**		
44120	**Pattern Analysis**		**2018-10-10**	**1.7**	**passed**	**5.0**		

No.	Examination	Semester**	Date	Grade	Status	ECTS	Note	Attempt
41201	Oral Examination on Pattern Analysis	Summer 18	2018-10-10	1.7	passed	5.0		1
816185	**Body Area Communications**		**2019-02-22**	**1.3**	**passed**	**2.5**		
816185	Body Area Communications	Winter 18/19	2019-02-22	1.3	passed	2.5		1
901895	**Deep Learning**		**2019-02-20**	**1.0**	**passed**	**5.0**		
901895	Deep Learning	Winter 18/19	2019-02-20	1.0	passed	5.0		1
498723	**Transforms in Signal Processing**		**2019-09-29**	**1.3**	**passed**	**2.5**		
498723	Transforms in Signal Processing	Summer 19	2019-09-29	1.3	passed	2.5		1
1995	**Research Internship**		**2019-09-13**		**passed**	**10.0**		
1996	Research Internship *Anomaly Detection in Deep Learning Hardware Accelerators*	Summer 19	2019-09-13		passed	10.0		1

To date, the student has accumulated 120.0 of the 120 ECTS credits required.

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Further explanations
* If the English text does not exist in the database, the German text will be printed!
** Summer = summer semester, Winter = winter semester

The last examination was sat on 25 August 2020 (awarded with the actual grade 1.6 and 120.0 ECTS credits).
An official record of the student's graduation status and final grade for the degree programme will be issued as a certificate or alternative official document by the Examinations Office.
The overview of examinations/transcript of records in English is intended for informational purposes. Only the German version of this document is legally binding.

Description of grading system used

1.00/ 1.30: very good   1.70/ 2.00/ 2.30: good   2.70/ 3.00/ 3.30: satisfactory   3.70/ 4.00: sufficient

Explanation of abbreviations

Abbreviation	Meaning
AR	accredited course
AT	medical certificate
BE	passed (also indicated with + under 'note' for ungraded achievements)
PV	commenced
NB	failed (also indicated with - under 'note' for ungraded achievements)
EN	failed at the final attempt
FR	failed to meet the deadline
VO	unexcused absence (for graded achievements)
VOU	unexcused absence (for ungraded achievements)
VM	absence with valid excuse
RW	rejected
RT	withdrawal by student
NE	failure to appear (registration cancelled)
TA	fraud

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