Friedrich-Alexander-Universität Erlangen-Nürnberg

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FAU FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG

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	90	1.80

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**			**1.80**		**90.0**		
2000	**Total**			**1.8**		**90.0**		
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**		
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**		

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No.	Examination	Semester**	Date	Grade	Status	ECTS	Note	Attempt
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**		
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**		

No.	Examination	Semester**	Date	Grade	Status	ECTS	Note	Attempt
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 90.0 of the 120 ECTS credits required.

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

Student registration number: 22466077
16 April 2020
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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 remaining final exam modules have not yet been completed and consist of a total of 90.0ECTS credits. The current average grade is 1.8. This grade is not final. The final grade for the degree will not be calculated before the full amount of ECTS credits has been achieved and all course achievements have been completed. The student still has the right to sit examinations. Failed examinations or examinations which were missed with a valid reason must be completed in accordance with the examination regulations and within the given deadline. Leave or de-registration does not affect the deadline. Please consult the applicable examination regulations.

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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16 April 2020 - Raza Ul Azam, Student ID: 22466077

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