

# STUDIENPLAN COMMUNICATION ENGINEERING

MASTER (VOLLZEIT)	SEMESTER				SWS	ECTS-PKT.*
	1.	2.	3.	4.		
Digital Signal Processing	3				3	4
Optical Networks	3				3	4
Radio Frequency Communication	3				3	4
Distributed Systems	3				3	4
Embedded Web Applications	3				3	4
Advanced Mathematics	3				3	4
Digital Communication		3			3	4
Network Modelling		3			3	4
IT Network Planning		2			2	3
Next Generation Access		3			3	4
Mobile Computing		3			3	4
Project 1		4			4	5
Compression Technologies and Multimedia Dataformats			3		3	4
Network Security			3		3	4
Radio Frequency Identification			3		3	4
Photonics			3		3	4
Mobile Network Planning			3		3	4
Project 2			3		3	4
Master Thesis				20	20	27
Master Thesis - Seminar				2	2	3
<b>Summe technischer Fächer</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>22</b>	<b>76</b>	<b>102</b>
Cross-cultural Communication	2				2	3
IT Legal Aspects	2				2	3
Scientific Communication		2			2	3
Business Strategies and Processes		2			2	3
Academic Writing			2		2	3
Controlling			2		2	3
Summer nicht technischer Fächer	4	4	4		12	18
<b>Gesamtsumme</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>88</b>	<b>120</b>

MASTER (BERUFSBEGLEITEND)	SEMESTER				SWS	ECTS-PKT.*
	1.	2.	3.	4.		
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Optical Networks	3				3	4
Radio Frequency Communication	3				3	4
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Network Modelling		3			3	4
IT Network Planning		2			2	3
Next Generation Access		3			3	4
Mobile Computing		3			3	4
Project 1		4			4	5
Compression Technologies and Multimedia Dataformats			3		3	4
Network Security			3		3	4
Radio Frequency Identification			3		3	4
Photonics			3		3	4
Mobile Network Planning			3		3	4
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IT Legal Aspects	2				2	3
Scientific Communication		2			2	3
Business Strategies and Processes		2			2	3
Academic Writing			2		2	3
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STUDIENPLAN „COMMUNICATION ENGINEERING“																														
ECTS-LP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<b>1. SEMESTER</b>	<b>Applied Algorithms in Network Engineering</b> Digital Signal Processing, Compression Technologies and Multimedia Data Formats				<b>Communication Networks 1</b> Optical Networks, Radio Frequency Communication								<b>Informatics</b> Distributed Systems, Embedded Web Applications						<b>Mathematics</b> Advanced Mathematics			<b>Social Skills</b> IT Legal Aspects		<b>Foreign Languages</b> Crosscultural Communication						
<b>2. SEMESTER</b>	Digital Communication, Network Modelling						IT Network Planning, Next Generation Access						Mobile Networks Mobile Computing		Projects Project 1			Business Strategies and Processes		Scientific Communication										
<b>3. SEMESTER</b>	Compression Technologies and Multimedia Dataformats				Communication Networks 2 Network Security, Radio Frequency Identification, Photonics								Mobile Network Planning			Project 2		Controlling		Academic Writing										
<b>4. SEMESTER</b>	Master Thesis Master Thesis, Master Thesis Seminar																													

\* ECTS steht für European Credit Transfer System. Es dient dazu, im europäischen Raum erbrachte akademische Leistungen untereinander vergleichbar zu machen und so auch die Mobilität der Studierenden zu fördern. Jede Lehrveranstaltung wird mit einer bestimmten Anzahl von ECTS-Punkten bewertet und kann so in anderen europäischen Ländern angerechnet werden.

Geingfügige Änderungen der Studienpläne aufgrund aktueller Entwicklungen in Wissenschaft und Praxis möglich.