

Study plan M.Sc. „Music Acoustics“
V.6e 04.03.2012

	Instructor	P/WP	B.M. MÜ	Type	1. Semester		2. Semester		3. Semester		4. Semester		Sum	Sum		
					Min.	ECTS	Min.	ECTS	Min.	ECTS	Min.	ECTS	ECTS	Minutes		
A	Fundamentals of scientific work												37	1395		
A1	Understanding scientific work												8	270		
A1a	Introduction to literature surveys	Kob/ MuWi	P	*	S	45	1	45	1				2	90		
A1b	How to read and present a paper	Kob/ MuWi	P	*	G	45	1	45	1				2	90		
A1c	Literature studies I	autonomous	P	*	G	0	1	0	1				2	0		
A1d	Colloquium music acoustics and audio technique I	Kob et al.	P	*	K	45	1	45	1				2	90		
A2	Presentation of scientific work												6	90		
A2a	Colloquium music acoustics and audio technique II	Kob et al.	P	*	K				45	1	45	1	2	90		
A2b	Literature studies II	autonomous	P	*	G				0	1			1	0		
A2c	Writing of a scientific article	autonomous	WP	*	Pr				0	3			3	0		
A2d	Presentation of a scientific article	autonomous	WP	*	Pr				0	3			0	0		
A3	Master thesis	autonomous	P		Pr						1035	23	23	1035		
B	Musicology												10	225		
B1	Intonation, classification, history and playing techniques of musical instruments	n.n. (syst. MuWi)	P		V	135	3						3	135		
B2	Music acoustics and musical instruments	Kob	P	*	V			90	3				3	90		
B3	Analysis of traditional and new playing techniques	autonomous	P		Pr			0	4				4	0		
C	Natural scientific and applied courses												49	1170		
C1	Applied acoustics												8	360		
C1a	Advanced room acoustics	LA (Behler)	P	*	V	90	2						2	90		
C1b	Acoustic measurement technique	Kob/ LA	P		V	90	2						2	90		
C1c	Acoustic measurement technique	Tutors	P		Ü	90	2						2	90		
C1d	Music informatics	LA (Loviscach)	WP	*	S	90	2						2	90		
C1e	Sound field analysis and synthesis	LA (de Vries/ Melchior)	WP	*	S	90	2						0	0		
C1f	Psychoacoustics	LA (Blauert)	WP	*	S	90	2						0	0		
C2	Analysis and modelling of musical instruments												9	360		
C2a	Operation of musical instruments	Kob	P		V	90	3						3	90		
C2b	Operation of musical instruments	Assistent, Tutor	P		Ü	90	2						2	90		
C2c	Modelling of musical instruments	Kob/ LA	WP		V/ S			90	2				0	0		
C2d	Modelling of musical instruments	Kob/ LA	WP		Ü			90	2				0	0		
C2e	Structure bourne sound	LA/ Kob	WP		V			90	2				2	90		
C2f	Structure bourne sound	Assistent, Tutor	WP		Ü			90	2				2	90		
C3	Practical music acoustics I												13	360		
C3a	Exursion to an instrument maker or a music acoustic institute	Kob et al.	P	*	Pr	180	4	180	4				8	360		
C3b	Passive participation in a scientific conference (TMT, AES, DAGA)	autonomous	WP	*	S			0	5				5	0		
C3c	WFSpielräume + concert	Kob et al.	WP	*	Pr			225	5				0	0		
C4	Practical music acoustics II												19	90		
C4a	Construction and optimization of a musical instrument	autonomous	P		Pr					0	17		17	0		
C4b	Sound analysis	Kob/ LA	P		Pr					90	2		2	90		
D	Elective course modules												24	1080		
D1	Chamber music	from WP Pool of HfM	WP	*	S/ Ü	270	6	270	6	270	6	270	6	24	1080	
D2	Aural training	from WP Pool of HfM	WP	*	S/ Ü	270	6	270	6	270	6	270	6	0	0	
D3	Musicology	from WP Pool of HfM	WP	*	S/ Ü	270	6	270	6	270	6	270	6	0	0	
D4	Free module	from WP Pool of HfM	WP	*	S/ Ü	270	6	270	6	270	6	270	6	0	0	
					Sum in Minutes	2070		1260		855		405		1350		3870
					Sum in ECTS per semester	58		30		30		30		30		120

V=Lecture • S=Seminar • E=Individual lesson • G=Group course • Ü=Exercise • Pr = Project • K = Colloquium • WP=Elective course: choose one set per module

* Course is also offered in the B.Mu. „Musikübertragung“