

Quantum Engineering M. Sc. - Timetable

Lectures start: 16.10.2023

Lectures Ends: 17.02.2024

Updated 31.08.2023

Adaptation Area

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8 – 9	HM3 (German only) Lanzinger, Beranek N24-H14				
9 – 10					
10 – 11		Mathematical Methods Said online			HM3 (German only) Lanzinger, Beranek N24-H14
11 – 12					
12 – 13	Integrierte Analogschaltungen (WS German, SS English) Ortmanns, Becker 43.2.104	Quantum Engineering (Intro) Braxmaier 43.2.102			
13 – 14					
14 – 15		Integrierte Analogschaltungen (WS German, SS English) Ortmanns, Becker 43.2.104			
15 – 16					
16 – 17					
17 – 18					
18 – 19					

Short title	Long title	Remarks
HM3	Höhere Mathematik 3 - Differenzialgleichungen	Only available in German. Die Übungen werden dabei voraussichtlich zweiwöchentlich jeweils zweistündig an einem der beiden zugewiesenen Termine durchgeführt.
Mathematical Methods	Mathematical Methods in Materials Science	
Quantum Engineering (Intro)	Introduction to Quantum Engineering	

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Electives

	Quantum Physics
	Electrical Engineering

Semester

WS

Time	Monday	Tuesday		Wednesday	Thursday		Friday			
8 – 9			CM-Theory C Kubala, Padurariu - no room	Matter-Wave Optics Brand N24-251	S: Ultracold Quantum Gases Denschlag 43.2.103	Microwave System Design Hitzler 45.2.103	Micro- and Nanostructures Unger 43.2.102	S: Ultracold Quantum Gases Denschlag 43.2.102	Microwave System Design Hitzler 45.2.103	
9 – 10										
10 – 11		Theory of Quantum Information Plenio, Audenaert N24-251		Quantum Sensing I Braxmaier 45-H45.2	Theory of Quantum Information Plenio, Audenaert N24-254/252	Quantum Computing (CS) Toran O27 -123				
11 – 12										
12 – 13					Integrated Broadband Circuits Kissinger 45.2.103			CM-Theory C Kubala, Padurariu - no room		
13 – 14										
14 – 15		Integrated Broadband Circuits Kissinger 45.2.103								
15 – 16										
16 – 17						Micro- and Nanostructures Unger 43.2.104	Introduction to Matter-Wave Optics Brand N24-251			
17 – 18										

Notes:

Short title	Long title	Remarks
S: Ultracold Quantum Gases	Seminar Ultracold Quantum Gases	Choose either Wednesday or Friday,
Quantum Computing (CS)		Not listed in timetable. Toran, O27 -2202
CM-Theory C	Condensed Matter Theory C: Phase Transitions in Condensed Matter Systems	
Micro- and Nonstructures	Technology for Micro- and Nanostructures	The course will be given in hybrid format. You may participate in all lectures and exercises in presence. Also a complete set of videos for all lectures and exercises is available on moodle.
Quantum Sensing I		Tuesday 10-12, 45-H45.2