Module title			Abbreviation
Professional Specialization Quantum Technology			11-FS-N-212-m01
Module coordinator		**Module offered by**	
chairperson of examination committee		Faculty of Physics and Astronomy	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
15	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

Introduction to current experimental, theoretical or engineering research topics within quantum technology research that are of particular relevance for the envisaged topic of the master thesis. A seminar talk summarizing the required underlying fundamental topics.

Intended learning outcomes

Thorough understanding of a current experimental, theoretical or engineering research topic in the field of quantum technology research chosen for the master thesis. In-depth knowledge of the current state of research and ability to present and convey this knowledge in a seminar talk.

Courses (type, number of weekly contact hours, language — if other than German)

S (4)
Module taught in: German or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

talk with discussion (30 to 45 minutes)
Language of assessment: German and/or English

Allocation of places

--

Additional information

--

Workload

450 h

Teaching cycle

--

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Module appears in

Master's degree (1 major) Quantum Technology (2021)
exchange program Physics (2023)