

Department	06 Applied Sciences and Mechatronics
Course title	Quantum Physics
Course number	MNM012
Hours per week (SWS)	6
Number of ECTS credits	6
Course objective	Teaches basic physics and mathematical concepts
Prerequisites	no
Recommended reading	L. A. Kirkby, Physics – A Student Companion, Scion
Teaching methods	Seminaristic teaching with exercises
Assessment methods	Oral exam
Language of instruction	English
Name of lecturer	Prof. Dr. Katja Beha
Email	katja.beha@hm.edu
Link	https://sci-intern.hm.edu/fk/modulbeschreibungen.php?studgang=mnm&lang=en
Course content	Quantum mechanics and solid-state physics: Fundamentals, wave mechanics, formalism, electronic structure, semiconductors
Remarks	