

Master's Thesis (iMOS)						
Module	Credits	Workload	Term	Frequency	Duration	
16 RC	30 CP	900 h	4. Semester	Each SuS	5 to 6 months full-time	
Courses Master Thesis (iMOS) practical work			Contact hours Full-time 700 h	Self-Study 200 h	Group size individual	
Prerequisites Proof of 14 credit points for Module 14 (International Course) and of 15 credit points in Module 15 (Focal Point Practical)						
Learning outcomes After successful completion of the module/course, students will be able to: <ul style="list-style-type: none"> - Acquire ability to plan, organize, develop, operate, and present complex problems in Molecular Sciences: Spectroscopy and Simulation (iMOS) - Work independently in an iMOS subject under the supervision of an advisor - Deal with subject-specific problems and to present them in an appropriate and comprehensible manner and according to scientific standards - Acquire profound specialized knowledge, which is required to take the step from their studies to professional life - Obtain detailed knowledge of experimental and computational methods - Develop interdisciplinary teamwork and collaboration while carrying out projects - Utilize digital techniques for graphical presentation of complex topics 						
Content The master thesis can be theoretically and/or practically oriented. Its topic is determined by the respective supervisor.						
Teaching methods Active supervision: regular progress meetings, supervised presentation of project and results						
Mode of assessment Required is a written report (typically 50-100 pages) describing the project and its results in detail						
Requirement for the award of credit points Passing of the master thesis (grade "adequate", 4,0 or better)						
Module applicability M.Sc. iMOS						
Weight of the mark for the final score According to CPs						
Module coordinator and lecturer(s) M. Havenith-Newen Faculty of the M.Sc. iMOS						
Further information						