

Netherlands

University of Groningen (RUG)



university of
groningen

	MODULE	SUBJECT	ECTS
Mandatory 40 ECTS	Md-9	Molecular Dynamics	5
	Md-6	Reaction Mechanisms	5
	Md-7	Structure Determination with Spectroscopic Methods	5
	Md-1a (2) Md-3 (3)	Molecular Quantum Mechanics 1	5
	Md-3	Molecular Quantum Mechanics 2	5
	Md-5 to Md-9 (1)	Selected Topics in Theoretical Chemistry	5
	Md-1a (4) Md-2 (6)	Colloquium	10
Electives 20 ECTS	Md-1a (3) Md-5 (2)	Advanced Quantum Mechanics	5
	Md-8	Computational Physics	5
	Md-9	Advances in Chemical Biology	5
	Md-7	Physics of Lasers	5
	Md-3	Statistical Methods in Physics	5
	Md-8	Nanochemistry	5
	Md-8	Theoretical Condensed Matter Physics	5
	Md-5	Computational Chemistry	5
	Md-5	Many-particle Systems	5
	Md-1a	Mathematical Methods of Physics	5
	Md-7	Ultrafast Time-Resolved Spectroscopy	5
	Md-7	Modern Laser Microscopy	5



Master Studies in
**Theoretical Chemistry and
Computational Modelling**