



B.Inf.1709*	Advanced Algorithms and Data Structures	5 Credits
B.Inf.1711*	Advanced Sensor Data Processing	5 Credits
B.Mat.0922	Mathematics information services and electronic publishing	3 Credits
B.Mat.3044	Life insurance mathematics	6 Credits
B.Phi.18a	Detailed Philosophical Studies	6 Credits
B.Phi.19a	Special Philosophical Topics	3 Credits
B.Phy.1512	Particle physics II - of and with quarks	6 Credits
B.Phy.1609	Foundations of the Unity of Human and Nature	4 Credits
B.Phy.5404****	Introduction to Statistical Machine Learning	3 Credits
B.Phy.5511*	Magnetohydrodynamics	3 Credits
B.Phy.5538	Stellar Atmospheres	6 Credits
B.Phy.5539*	Physics of Stellar Atmospheres	3 Credits
B.Phy.5602	Theoretical and Computational Neuroscience II	3 Credits
B.Phy.5607	Seminar: Mechanics and dynamics of the cytoskeleton	4 Credits
B.Phy.5624	Introduction to Theoretical Neuroscience	4 Credits
B.Phy.5632	Current topics in turbulence research	4 Credits
B.Phy.5649	Biomolecular Physics and Simulations	4 Credits
B.Phy.5656	Experimental work at large scale facilities for X-ray photons	3 Credits
B.Phy.5658****	Statistical Biophysics	6 Credits
B.Phy.5659*	Seminar on current topics in theoretical biophysics	4 Credits
B.Phy.5665	Processing of Signals and Measured Data	3 Credits
B.Phy.5671*	Dynamics of living systems	3 Credits
B.Phy.5673*	Cell Mechanics	6 Credits
B.Phy.5675*	Machine Learning, hands-on	4 Credits
B.Phy.5681	Seminar CARA: Critical analysis of research articles of cell and tissue mechanics	4 Credits
B.Phy.5682	Seminar: Special Topics in Cell Mechanics	4 Credits
B.Phy.5717****	Mechanisms and Materials for Renewable Energy	6 Credits
B.Phy.5718****	Mechanisms and Materials for Renewable Energy: Photovoltaics	4 Credits
B.Phy.5719****	Mechanisms and Materials for Renewable Energy: Solar heat, Thermoelectric, solar fuel	4 Credits
B.Phy.5723	Hands-on course on Density-Functional calculations 1	3 Credits
B.Phy.5724	Hands-on course on Density-Functional calculations 1 + 2	6 Credits
B.Phy.5725*	Renormalization group theory and applications	6 Credits
B.Phy.5809*	Hadron-Collider-Physics	3 Credits
B.Phy.5810*	Physics of the Higgs boson	3 Credits
B.Phy.5811*	Statistical methods in data analysis	3 Credits
B.Phy.5812*	Physics of the top-quark	3 Credits
B.Phy.5815	Seminar on Introductory Topics in Particle Physics	4 Credits
B.Phy.5901*	Advanced Computer Simulation	6 Credits
B.SPL.929	Introduction to Content and Language Integrated Learning	4 Credits
B.SPL.932*	Teaching Natural Science Subjects	6 Credits
B.WIWI-BWL.0084*	Company Taxation in the European Union	6 Credits
B.WIWI-BWL.0089	Corporate Financial Management	6 Credits
B.WIWI-BWL.0105	Project Seminar Entrepreneurship Simulation	6 Credits
B.WIWI-QMW.0014	International Development Finance: Applied Research	6 Credits

	Using Stata	
B.WIWI-VWL.0009*	Labor Economics	6 Credits
B.WIWI-VWL.0069*	Urban Economics	6 Credits
B.WIWI-VWL.0070*	International Economic Policy	6 Credits
B.WIWI-VWL.0074*	Indian Economic Development	6 Credits
B.WIWI-VWL.0084	Introduction to Global Health	6 Credits
B.WIWI-VWL.0088*	Empirical Macroeconomics	6 Credits
B.WIWI-VWL.0091*	Introduction to Gender and Development	6 Credits
B.WIWI-VWL.0095	Topics in Empirical Macroeconomics	6 Credits
B.WIWI-VWL.0103*	Topics of Long-Run Development	6 Credits
B.WIWI-VWL.0104*	Topics of Global Health	6 Credits
B.WIWI-VWL.0105*	Topics of Poverty and Inequality	6 Credits
B.WIWI-VWL.0108	Current Topics in International Trade	6 Credits
B.WIWI-VWL.0109*	Introduction to Natural Language Processing in Macroeconomics	6 Credits
S.RW.1175	Sports and Competition Law	6 Credits
S.RW.1218	Public International Law II (International Organizations)	6 Credits
S.RW.1326	Cases and Developments in International Criminal Law	6 Credits
SK.Bio-NF.7001	Neurobiology	3 Credits
SK.Bio.7002	Basic virology	3 Credits
SK.Bio.7008	Molecular biology of HIV replication and pathogenesis	2 Credits
SK.IKG-ISZ.02*	From Reading to Writing Academic Texts for Undergraduate Students	4 Credits
SK.IKG-ISZ.03*	From Reading to Writing Academic Texts for Graduate Students	4 Credits
SK.IKG-ISZ.07*	Preparing for and Writing Exams	3 Credits
SK.IKG-ISZ.13*	Academic Writing Partnerships	4 Credits
SK.IKG-ISZ.19*	Writing Proposals	3 Credits
SK.IKG-ISZ.40*	Academic Writing and Academic Practice in Multilingual Contexts in the Humanities and the Social Sciences	6 Credits
SK.IKG-ISZ.45*	Academic Writing for Law Students in a Multilingual Context (MultiConText)	3 Credits
SK.IKG-ISZ.48*	Academic Writing and Presentation in the Natural Sciences: German, English, Multilingual	6 Credits
SK.IKG-ISZ.49*	Academic writing and presentation in the natural	6 Credits
SK.IKG-ISZ.63*	Autoethnographic Writing	6 Credits

*\* The events are offered on an irregular basis, either in the winter or the summer semester. They are, however, always held during the regular lecture period.*

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\*\*\*The module is only offered every 4th semester

<sup>w</sup> The module is held in Witzenhausen (near Göttingen).