

# Complete Course list „Go Explore – Study abroad in Göttingen”

## Compulsory modules

**At least 9 credits of mandatory courses must be successfully completed in accordance with the following provisions.**

**a) The following mandatory course must be completed with a total of 3 credits:**

SK.AS.DK-09-EN.Mp:	Germany's Ethnic and Cultural Diversity	3 Credits
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**b) One of the following mandatory courses must be completed with a total of 6 credits:**

SK.DaF.A1.1-4Std:	Deutsch - Sprachkurs A1.1	6 Credits
SK.DaF.A1.2-4Std:	Deutsch - Sprachkurs A1.2	6 Credits
SK.DaF.A2.1-4Std:	Deutsch - Sprachkurs A2.1	6 Credits
SK.DaF.A2.2-4Std:	Deutsch - Sprachkurs A2.2	6 Credits
SK.DaF.B1-1-4Std:	Deutsch - Sprachkurs B1.1	6 Credits
SK.DaF.B1-2-4Std:	Deutsch - Sprachkurs B1.2	6 Credits
SK.DaF.B1-4Std:	Deutsch - Sprachkurs B1	6 Credits
SK.DaF.B2-1-4Std:	Deutsch - Sprachkurs B2.1	6 Credits
SK.DaF.B2-2-4Std:	Deutsch - Sprachkurs B2.2	6 Credits
SK.DaF.B2-4Std:	Deutsch - Sprachkurs B2	6 Credits
SK.DaF.C1-1-4Std:	Deutsch - Sprachkurs C1.1	6 Credits
SK.DaF.C1-2-4Std:	Deutsch - Sprachkurs C1.2	6 Credits
SK.DaF.C1-4Std:	Deutsch - Sprachkurs C1	6 Credits

## Elective modules

**Go Explore students are permitted to choose one or more modules from the following list. Please note that the total number of credits should not exceed approximately 30 credits per semester. This corresponds to a workload that students can generally manage well. Go Explore students are also allowed to choose other courses that are not listed here. In such cases, the selection of modules must be discussed with the Go Explore coordinator ([goexplore@uni-goettingen.de](mailto:goexplore@uni-goettingen.de)).**

**a) Winter semester - Undergraduate modules**

B.Agr.0305	Price Formation and Market Risk	6 Credits
B.ES.101	Forest Botany and Tree Physiology	6 Credits
B.ES.102	Biochemistry	6 Credits
B.ES.103	Ecological Genetics	6 Credits
B.ES.104	Chemistry/Physics	6 Credits
B.Inf.1709*	Advanced Algorithms and Data Structures	5 Credits
B.Inf.1711*	Advanced Sensor Data Processing	5 Credits
B.Inf.1712	Advanced High Performance Computing	6 Credits
B.Mat.3043	Non-life insurance mathematics	6 Credits
B.Phi.18a*	Detailed Philosophical Studies	6 Credits
B.Phi.19a*	Special Philosophical Topics	3 Credits

B.Phy.1551	Introduction to Astrophysics	8 Credits
B.Phy.1561	Introduction to Physics of Complex Systems	6 Credits
B.Phy.1571	Introduction to Biophysics	6 Credits
B.Phy.5403*	Fluctuation theorems, stochastic thermodynamics and molecular machines	3 Credits
B.Phy.5404*	Introduction to Statistical Machine Learning	3 Credits
B.Phy.5406*	Physics with fluctuating paths: stochastic and trajectory thermodynamics	3 Credits
B.Phy.5411*	Magnetohydrodynamics	3 Credits
B.Phy.5513*	Numerical fluid dynamics	6 Credits
B.Phy.5539	Physics of Stellar Atmospheres	3 Credits
B.Phy.5544	Introduction to Turbulence	3 Credits
B.Phy.5601	Theoretical and Computational Neuroscience I	3 Credits
B.Phy.5631	Self-organization in physics and biology	4 Credits
B.Phy.5632	Current topics in turbulence research	4 Credits
B.Phy.5648	Theoretical and Computational Biophysics	4 Credits
B.Phy.5656	Experimental work at large scale facilities for X-ray photons	3 Credits
B.Phy.5664	Excursion to DESY and the European XFEL, Hamburg	3 Credits
B.Phy.5671*	Dynamics of living systems	3 Credits
B.Phy.5672	Nonlinear Dynamics	3 Credits
B.Phy.5677*	Seminar on Advanced Topics in Cellular Biophysics	4 Credits
B.Phy.5678*	Seminar on Advanced Methods in Biophysics	4 Credits
B.Phy.5682	Seminar: Special Topics in Cell Mechanics	4 Credits
B.Phy.5684****	Modern Image Processing	4 Credits
B.Phy.5807****	Physics of particle accelerators	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.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	3 Credits or 6 Credits
B.WIWI-BWL.0082	Seminar Corporate Valuation	6 Credits
B.WIWI-BWL.0084	Company Taxation in the European Union	6 Credits
B.WIWI-BWL.0087	International Marketing	6 Credits
B.WIWI-BWL.0097	Financial Intermediation	6 Credits
B.WIWI-BWL.0105	Project Seminar Entrepreneurship Simulation	6 Credits
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.0076	International Trade: Theory and Policy	6 Credits
B.WIWI-VWL.0079	Application of Game Theory to Development Economics	6 Credits
B.WIWI-VWL.0085	Poor Economics	6 Credits
B.WIWI-VWL.0086	Fridays for Sustainability: Behavioral Economic Aspects Related to Environment and Sustainability Challenges	6 Credits
B.WIWI-VWL.0088*	Empirical Macroeconomics	6 Credits
B.WIWI-VWL.0091*	Introduction to Gender and Development	6 Credits
B.WIWI-VWL.0094	Topics in Monetary Economics	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.0109*	Introduction to Natural Language Processing in Macroeconomics	6 Credits
SK.Bio.7002	Basic virology	3 Credits
SK.Bio.7004	Environmental microbiology	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.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.63	Autoethnographic Writing	6 Credits

### b) Summer semester - Undergraduate modules

B.Agr.0320	Introduction to Tropical and International Agriculture	6 Credits
B.Agr.0430	Food Systems and Healthy Diets	6 Credits
B.Inf.1236	Machine Learning	6 Credits
B.Inf.1240	Visualization	6 Credits
B.Inf.1242	Streaming Algorithms	5 Credits
B.Inf.1244	Data Management for Data Science	5 Credits
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.5403*	Fluctuation theorems, stochastic thermodynamics and molecular machines	3 Credits
B.Phy.5404*	Introduction to Statistical Machine Learning	3 Credits
B.Phy.5406*	Physics with fluctuating paths: stochastic and trajectory thermodynamics	3 Credits
B.Phy.5411*	Magnetohydrodynamics	3 Credits
B.Phy.5513*	Numerical fluid dynamics	6 Credits
B.Phy.5538	Stellar Atmospheres	6 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.5608****	Micro- and Nanofluidics	3 Credits
B.Phy.5613****	Soft Matter Physics	3 Credits

B.Phy.5624	Introduction to Theoretical Neuroscience	4 Credits
B.Phy.5631	Self-organization in physics and biology	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.5677*	Seminar on Advanced Topics in Cellular Biophysics	4 Credits
B.Phy.5678*	Seminar on Advanced Methods in Biophysics	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.5718****	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.5807****	Physics of particle accelerators	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	3 Credits or 6 Credits
B.WIWI-BWL.0089	Corporate Financial Management	6 Credits
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
B.WIWI-QMW.0014	International Development Finance: Applied Research Using Stata	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.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.63	Autoethnographic Writing	6 Credits

### c) Winter semester - Graduate modules

M.Agr.0005	Crop Production and Grassland Management	6 Credits
M.Agr.0009	Biological Control and Biodiversity	6 Credits
M.Agr.0020	Genome analysis and application of markers in plantbreeding	6 Credits
M.Agr.0023	Interactions between plants and pathogens	6 Credits
M.Agr.0035	Methods of Scientific Presentation: An Interdisciplinary Course	6 Credits
M.Agr.0057	Plant Virology	6 Credits
M.Agr.0058	Plant herbivore interactions	6 Credits
M.Agr.0106	China Economic Development: From an agricultural economy to an emerging economy	6 Credits
M.Agr.0120	Molecular Diagnostic and Biotechnology in Crop Protection	6 Credits
M.Agr.0142	Internship in Agribusiness and Economic and Social Sciences in Agriculture	12 Credits
M.Agr.0151	Data Analysis with R in Agricultural Economic	6 Credits
M.Agr.0173	Nematology	6 Credits
M.Agr.0180	Mineral Nutrition of Crops Under Different Climate and Environmental Conditions	6 Credits
M.Agr.0182	Blended E-course: Crop Modelling for Risk Management	6 Credits
M.Agr.0200	Machine Learning in Food Economics and Agribusiness	6 Credits
M.Agr.0203	Livestock and Biodiversity in Agricultural Landscapes	3 Credits
M.Bio.142	Molecular genetics and microbial cell biology	3 Credits
M.Bio.344	Neurobiology 1	3 Credits
M.Bio.369	Human genetics	3 Credits
M.Bio.393	Current Developmental Biology	3 Credits
M.Che.1111***	Bioinorganic Chemistry	3 Credits
M.Che.1116**	Current Research Aspects in Inorganic Chemistry 1	3 Credits
M.Che.1117**	Current Research Aspects in Inorganic Chemistry 2	3 Credits

M.Che.1132***	Modern Methods in Chemistry: Lecture and Tutorial in Spectroscopy and Magnetis	3 Credits
M.Che.1212***	Methods of Synthesis in Organic Chemistry	3 Credits
M.Che.1213***	Heterocyclic Chemistry	3 Credits
M.Che.1214***	NMR for Structural Chemistry and Biology I	3 Credits
M.Che.1217**	Modern Mass Spectrometry and Gas Phase Chemistry	3 Credits
M.Che.1311**	Vibrational Spectroscopy and Intermolecular Dynamics	6 Credits
M.Che.1315*	Chemical Dynamics at Surfaces	6 Credits
M.Che.1316*	Current Topics in Physical Chemistry	6 Credits
M.Cp.0005	Integrated management of pests and diseases	6 Credits
M.Cp.0010	Plant Pathology and Plant Protection seminar	3 Credits
M.Cp.0011	Agricultural entomology seminar	3 Credits
M.Cp.0014	Plant Nutrition and Plant Health	3 Credits
M.Cp.0019	Basic Laboratory Techniques	3 Credits
M.Cp.0024	Digital Techniques for Crop Monitoring	6 Credits
M.FES.311	Tropical Forest Ecology and Silviculture	6 Credits
M.FES.314	Forest Utilization and Wood Processing	6 Credits
M.FES.315	Monitoring of Forests and forrested Landscapes	6 Credits
M.FES.712	Bioclimatology and Global Change	6 Credits
M.FES.715	Dryland Forestry and Methods in Silviculture	6 Credits
M.FES.719	Remote Sensing Image Processing with Open Source Software	6 Credits
M.MIS.030*	Development Economics of India Seminar	6 Credits
M.MIS.032	Studies in the Anthropology of Power I: Groupwise Hierarchies	
M.MIS.034	Theories and Methods in Social-Cultural Anthropology I: Ethnography	6 Credits
M.MIS.035	Theories and Methods in Social-Cultural Anthropology II: Anthropology as Social Science	6 Credits
M.MIS.200	Interdisciplinary Studies of Modern India II	9 Credits
M.MIS.211	Diversity and Inequality: Comparative Approaches: Case Studies	6 Credits
M.MIS.213	Metamorphoses of the Political I	9 Credits
M.MIS.218	Media and the Public Sphere in Modern India	6 Credits
M.MIS.220	Capitalism and Social Transformation in Modern India	6 Credits
M.Phy.541****	Advanced Topics in Classical Theoretical Physics I	6 Credits
M.Phy.542****	Advanced Topics in Classical Theoretical Physics II	6 Credits
M.Phy.556	Seminar Advanced Topics in Astro-/Geophysics	4 Credits
M.Phy.1405	Advanced Computational Physics	6 Credits
M.Phy.5401	Advanced Statistical Physics	6 Credits
M.Phy.5405*	Non-equilibrium Statistical Physics	6 Credits
M.Phy.5609****	Turbulence Meets Active Matter	4 Credits
M.Phy.5709	Physics of Semiconductors	3 Credits
M.Phy.5710	Physics of Semiconductors and Semiconductor Devices	6 Credits
M.Phy.5801****	Detectors for particle physics and imaging	3 Credits
M.Phy.5807	Particle Physics III - of and with leptons	6 Credits
M.SIA.A10M <sup>W</sup>	Livestock nutrition and feed evaluation under (sub)tropical conditions	6 Credits
M.SIA.A11	Tropical animal husbandry systems	6 Credits
M.SIA.E02	Agricultural price theory	6 Credits

M.SIA.E11	Socioeconomics of rural development and food security	6 Credits
M.SIA.E34	Economic Valuation of Ecosystem Services	6 Credits
M.SIA.I12 <sup>W</sup>	Sustainable International Agriculture: basic principles and approaches	6 Credits
M.SIA.P22	Management of tropical plant production systems	6 Credits
M.SIA.P29	Impact of climate extremes on plant production systems around the globe	6 Credits
M.WIWI-BWL.0004	Financial Risk Management	6 Credits
M.WIWI-BWL.0075	Pricing Strategy	6 Credits
M.WIWI-BWL.0139	Discrete Choice Modeling	6 Credits
M.WIWI-BWL.0180	Corporate Valuation without and with Personal Taxes	6 Credits
M.WIWI-HGM.0001	Economic, Business and Social History I	12 Credits
M.WIWI-HGM.1001	History of Global Markets I	12 Credits
M.WIWI-QMW.0004	Econometrics I	6 Credits
M.WIWI-QMW.0009*	Introduction to Time Series Analysis	6 Credits
M.WIWI-QMW.0012*	Multivariate Time Series Analysis	6 Credits
M.WIWI-QMW.0016*	Spatial Statistics	6 Credits
M.WIWI-QMW.0033*	Current Topics in Applied Statistics	6 Credits
M.WIWI-QMW.0034	Python for Econometrics	6 Credits
M.WIWI-QMW.0036	Economic and Business Forecasting	6 Credits
M.WIWI-QMW.0037	Advanced Bayesian Inference	6 Credits
M.WIWI-QMW.0041*	Stochastic Processes	6 Credits
M.WIWI-QMW.0043	Interactive Representation of Statistical Methods	6 Credits
M.WIWI-VWL.0001	Advanced Microeconomics	6 Credits
M.WIWI-VWL.0008	Development Economics I: Macro Issues in Economic Development	6 Credits
M.WIWI-VWL.0010*	Development Economics III: Regional Perspectives in Development Economics	6 Credits
M.WIWI-VWL.0019	Advanced Development Economics	6 Credits
M.WIWI-VWL.0025*	Seminar Development Economics IV	6 Credits
M.WIWI-VWL.0054*	Behavioral Game Theory	6 Credits
M.WIWI-VWL.0092	International Trade	6 Credits
M.WIWI-VWL.0099	Poverty & Inequality	6 Credits
M.WIWI-VWL.0112	Financial Markets and the Macroeconomy	6 Credits
M.WIWI-VWL.0122	Behavioral Development Economics	6 Credits
M.WIWI-VWL.0124*	Seminar in Financial Econometrics	6 Credits
M.WIWI-VWL.0137	Seminar Games in Economic Development	6 Credits
M.WIWI-VWL.0146	Political Economy of Global Energy Markets	6 Credits
M.WIWI-VWL.0162	Firms in International Trade	6 Credits
M.WIWI-VWL.0167*	Topics in International Trade	6 Credits
M.WIWI-VWL.0182*	Evaluating Development Effectiveness	6 Credits
M.WIWI-VWL.0184*	Empirical Analysis of Conflict and Development	6 Credits
M.WIWI-VWL.0189*	Natural Language Processing (NLP) in Macroeconomics	6 Credits
M.WIWI-VWL.0193*	The Economics of Health and Aging	6 Credits
M.WIWI-VWL.0194	Field Research in Development Economics	6 Credits
M.WIWI-WB.0012*	Diverse Perspectives and Critical Reflections on 'Development' and 'Development Economics'	6 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.49	Academic writing and presentation in the natural sciences: German, English, Multilingual...	6 Credits

#### d) Summer semester - Graduate modules

M.Agr.0001	Practical Course in Agronomy	6 Credits
M.Agr.0003	Agribusiness Sugar Beet- an advanced education for graduate students and junior employees of the sugar supply chain	6 Credits
M.Agr.0039	Molecular Techniques in Phytopathology	6 Credits
M.Agr.0086	World Agriculture Markets and Trade	6 Credits
M.Agr.0094	Basics of Molecular Biology in Crop Protection	6 Credits
M.Agr.0101	Soil and Plant Hydrology	6 Credits
M.Agr.0142	Internship in Agribusiness and Economic and Social Sciences in Agriculture	12 Credits
M.Agr.0174	Plant Health Management in Tropical Crops	6 Credits
M.Agr.0175	Plant-Herbivore Interactions (Experimental course)	3 Credits
M.Agr.0197	Sustainability – Basics and Application	6 Credits
M.Agr.0201	Dynamic modelling in land use systems	6 Credits
M.Bio.144	Cellular and molecular biology of plant-microbe interactions	3 Credits
M.Bio.156	Structural biochemistry	3 Credits
M.Che.1114***	Metalorganic Main Group Chemistry	3 Credits
M.Che.1115	Mechanistic Organometallic Chemistry	3 Credits
M.Che.1116**	Current Research Aspects in Inorganic Chemistry 1	3 Credits
M.Che.1117**	Current Research Aspects in Inorganic Chemistry 2	3 Credits
M.Che.1130***	Modern Methods in Chemistry: Lecture and Tutorial in Diffraction	3 Credits
M.Che.1211***	Chemistry of Natural Compounds	3 Credits
M.Che.1215	NMR for Structural Chemistry and Biology II	3 Credits
M.Che.1217**	Modern Mass Spectrometry and Gas Phase Chemistry	3 Credits
M.Che.1218**	Lecture series "Modern Organic and Biomolecular Chemistry"	3 Credits
M.Che.1311**	Vibrational Spectroscopy and Intermolecular Dynamics	6 Credits
M.Che.1315*	Chemical Dynamics at Surfaces	6 Credits
M.Che.1316*	Current Topics in Physical Chemistry	6 Credits
M.Che.2402***	Quantum Chemistry	6 Credits
M.Che.2602***	Modern Trends in the Chemistry of Catalysis	6 Credits
M.Cp.0004	Plant diseases and pests in temperate climate zones	6 Credits
M.Cp.0010	Plant Pathology and Plant Protection seminar	3 Credits
M.Cp.0011	Agricultural entomology seminar	3 Credits
M.Cp.0012	Weed biology and weed management	6 Credits
M.Cp.0016	Practical statistics and experimental design in agriculture	6 Credits

M.FES.321	Ecopedology of the Tropics and Subtropics	6 Credits
M.FES.322	Project Planning and Evaluation	6 Credits
M.FES.323	Biometrical Research Methods	6 Credits
M.FES.728	Tropical Dendrology	3 Credits
M.MIS.011	Diversity and Inequality: Theories and Methods	6 Credits
M.MIS.030*	Development Economics of India Seminar	6 Credits
M.MIS.033	Studies in the Anthropology of Power II: the Social Organisation of Production and Reproduction	6 Credits
M.MIS.100	Interdisciplinary Studies of Modern India I	9 Credits
M.MIS.215	Metamorphoses of the Political II	6 Credits
M.Mat.3110	Higher analysis	9 Credits
M.Phy.541****	Advanced Topics in Classical Theoretical Physics I	6 Credits
M.Phy.542****	Advanced Topics in Classical Theoretical Physics II	6 Credits
M.Phy.556	Seminar Advanced Topics in Astro-/Geophysics	4 Credits
M.Phy.1405	Advanced Computational Physics	6 Credits
M.Phy.5405*	Non-equilibrium Statistical Physics	6 Credits
M.Phy.5707****	Materials research with electrons	3 Credits
M.Phy.5801****	Detectors for particle physics and imaging	3 Credits
M.SIA.A13M <sup>W</sup>	Livestock-based sustainable land use	6 Credits
M.SIA.E18	Organization of food supply chains	6 Credits
M.SIA.E19	Market integration and price transmission I	6 Credits
M.SIA.E21	Rural Sociology	6 Credits
M.SIA.E24	Topics in Rural Development Economics I	6 Credits
M.SIA.E37	Agricultural policy analysis	6 Credits
M.SIA.E40	Agriculture, Environment and Development	6 Credits
M.SIA.E42	Agriculture, Nutrition and Sustainable food systems	6 Credits
M.SIA.I21M	From conceptualisation to communication: key steps in empirical research	6 Credits
M.SIA.P16M	Crop Modelling for Risk Management	6 Credits
M.WIWI-BWL.0018	Financial Statement Analysis	6 Credits
M.WIWI-BWL.0089	Innovation Management	6 Credits
M.WIWI-BWL.0112	Corporate Development	6 Credits
M.WIWI-BWL.0153	Digital Marketing	6 Credits
M.WIWI-HGM.0001	Economic, Business and Social History I	12 Credits
M.WIWI-HGM.0004	History of Global Markets: Perspectives	6 Credits
M.WIWI-QMW.0001	Generalized Regression	6 Credits
M.WIWI-QMW.0004	Econometrics I	6 Credits
M.WIWI-QMW.0005	Econometrics II	6 Credits
M.WIWI-QMW.0009*	Introduction to Time Series Analysis	6 Credits
M.WIWI-QMW.0012*	Multivariate Time Series Analysis	6 Credits
M.WIWI-QMW.0016*	Spatial Statistics	6 Credits
M.WIWI-QMW.0021	Introduction to Statistical Programming	3 Credits
M.WIWI-QMW.0033*	Current Topics in Applied Statistics	6 Credits
M.WIWI-QMW.0034	Python for Econometrics	6 Credits
M.WIWI-QMW.0039	Seminar Economic and Business Forecasting	6 Credits
M.WIWI-QMW.0041*	Stochastic Processes	6 Credits
M.WIWI-VWL.0001	Advanced Microeconomics	6 Credits
M.WIWI-VWL.0009	Development Economics II: Micro Issues in Development Economics	6 Credits
M.WIWI-VWL.0010*	Development Economics III: Regional Perspectives in	6 Credits

	Development Economics	
M.WIWI-VWL.0025*	Seminar Development Economics IV	6 Credits
M.WIWI-VWL.0054*	Behavioral Game Theory	6 Credits
M.WIWI-VWL.0065	Economics of Crime	6 Credits
M.WIWI-VWL.0083	Economic Reform and Social Justice in India	6 Credits
M.WIWI-VWL.0092	International Trade	6 Credits
M.WIWI-VWL.0096	Essentials of Global Health	6 Credits
M.WIWI-VWL.0101	Theory and Politics of International Taxation	6 Credits
M.WIWI-VWL.0105	Controversies in Development Economics	6 Credits
M.WIWI-VWL.0113	Macroeconometrics	6 Credits
M.WIWI-VWL.0124*	Seminar in Financial Econometrics	6 Credits
M.WIWI-VWL.0138	Quasi-Experiments in Development Economics	6 Credits
M.WIWI-VWL.0143	Mind, Society and Development	6 Credits
M.WIWI-VWL.0144	Migration Economics: Replication Course	6 Credits
M.WIWI-VWL.0147	Empirical Political Economy	6 Credits
M.WIWI-VWL.0163	Tax and Fiscal Competition	6 Credits
M.WIWI-VWL.0167*	Topics in International Trade	6 Credits
M.WIWI-VWL.0175	International Development Policy	6 Credits
M.WIWI-VWL.0179	Seminar Monetary Economics	6 Credits
M.WIWI-VWL.0182*	Evaluating Development Effectiveness	6 Credits
M.WIWI-VWL.0184*	Empirical Analysis of Conflict and Development	6 Credits
M.WIWI-VWL.0189*	Natural Language Processing (NLP) in Macroeconomics	6 Credits
M.WIWI-VWL.0193*	The Economics of Health and Aging	6 Credits
M.WIWI-VWL.0196	African Development	6 Credits
M.WIWI-WB.0012*	Diverse Perspectives and Critical Reflections on	6 Credits
SK.IKG-ISZ.03	'Development' and 'Development Economics' From Reading to Writing Academic Texts for Graduate	4 Credits
SK.IKG-ISZ.07	Students 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.49	Academic writing and presentation in the natural sciences: German, English, Multilingual...	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).