Course list winter term „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

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).

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 Cedits
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

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 eyery 4th semester*

ᵂ The module is held in Witzenhausen (near Göttingen).