

Free Electives of the Master's Programmes – Modules Offered in English

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Please note that the following list merely intends to provide an overview of module structures and contents. Only the officially published examination regulations in their respective applicable form are legally binding.

Competence Clusters and Associated Fields of Study

Literature & Languages

Canadian Studies
Chinese Studies
English Studies
German Language Classes

Nature & Technology

Computational Linguistics
Computer Science
Environmental Sciences
Geoinformatics
Statistics

Economics & Law

Business Administration
Economics

Interdisciplinary Competences

European Studies (in cooperation with UGR)

A Helpful Guide to Choosing the Right Electives

- Most programmes allow you to choose electives from all competence clusters. In some, however, choice is limited to specific competence clusters. To find out what your options are, please refer to the official (German-language) [programme documentation](#) of your course of study.
- Within the competence areas that your programme allows you to select, you are free to choose any elective based on your interests and ambitions: you may choose to attend modules from one single subject area only - or decide to dive into different fields, from literature to computer science to economics. Please be aware that some modules may require previous knowledge and skills in the field.

- You may want to attend introductory modules that are open to all for enrolment first. If you already possess the appropriate prior knowledge, you may, of course, directly enrol in more advanced modules. If you plan to enrol in modules offered by the university's language center, you will be required either to have successfully completed the relevant preceding module or to have demonstrated your language proficiency through a placement test. For further information, please visit the [language center's website](#).
- If you have any questions on the individual modules, please contact the respective module convenor given below.
- For more tips and hints in German, explore our [FAQs](#).

CANADIAN STUDIES

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Empfohlene Module zum Erwerb von Basiskompetenzen									
The following course offering requires no prior knowledge and particularly addresses students whose programmes allow them to take up to 10 CP in free elective modules.									
# MA2FWB1001	Canadian Studies I	Wi/ Su	10	V	2	[LIT402V] Basic Survey of Canadian Literature and Culture (only Su)		Hertel, Sawallisch	English, German, French
				S/V	2	please look up the B1-level writing skills courses currently offered as part of the module			
						Portfolio exam			
Empfohlene Module zum Erwerb von erweiterten Kompetenzen									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have acquired the necessary prerequisites elsewhere									
# MA2FWB1002	Canadian Studies II	Wi/ Su	10	S/V	2	please look up the B1-level writing skills courses currently offered as part of the module		Hertel, Sawallisch	English, German, French
				S/V	2	please look up the B1-level writing skills courses currently offered as part of the module			
						Portfolio exam or Term paper			

CHINESE STUDIES

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for more advanced learners									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have acquired the necessary prerequisites elsewhere.									
■ MA2FWB1114	Digital China	Wi	10	PRS	2	Digital Politics and Society in China I		Shi-Kupfer	English
				PRS	2	Digital Politics and Society in China II			
				Portfolio exam					

ENGLISH STUDIES

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for more advanced learners									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have acquired the necessary prerequisites elsewhere.									
■ MA2FWB1201	Englisch II1+2	Wi/ Su	5	SPÜ	2	Englisch II1		Knopp	Language training module Prerequisite: B1 / UNlcert I or placement test
				SPÜ	2	Englisch II2			
				Language exam					
■ MA2FWB1202	Englisch II3+4	Wi/ Su	5	SPÜ	2	Englisch II3		Knopp	Language training module Prerequisite: „Englisch II1+2“ or placement test
				SPÜ	2	Englisch II4			
				Language exam					
■ MA2FWB1203	Englisch III1+2	Wi/ Su	5	SPÜ	2	Englisch III1		Knopp	Language training module Prerequisite: UNlcert II or placement test
				SPÜ	2	Englisch III2			
				Language exam					
■ MA2FWB1204	Englisch III3+4	Wi/ Su	5	SPÜ	2	Englisch III3		Knopp	Language training module Prerequisite: „Englisch III1+2“ or placement test
				SPÜ	2	Englisch III4			
				Language exam					

■ MA2FWB1207	Research Methods in Empirical Linguistics I	Wi	10	S	2	[LING 701] Special Topic in General Linguistics (WP)		Sand	Two out of three seminars are to be chosen.
				S	2	[LING 702] Applied Linguistics (WP)			
				S	2	[LING 703] Language History and Change (WP)			
				Term paper					
■ MA2FWB1208	Language Variation and Methods	Su	10	S	2	LING 801 Special Topics in General Linguistics (WP)		Sand	Two out of three seminars are to be chosen.
				S	2	LING 802 Special Topics in Applied Linguistics (WP)			
				S	2	LING 803 Language History and Change (WP)			
				Portfolio exam					
■ MA2FWB1206	English Literatures in Post/Colonial, Diaspora, Multicultural and Gender Contexts	Wi	10	V	2	[Lit402V] Basic Survey of Canadian Literature (WP) <i>or</i> Basic Survey of American Literature (nur SoSe) (WP)		Hertel, Sawallisch	
				Ü/S	2	[ALM 301] Histories of Anglophone Literatures and Media			
				Term paper					

GERMAN LANGUAGE CLASSES

Module code	Module title	Sem.	CP	Course Type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for beginners									
The following course offering requires no prior knowledge and particularly addresses students whose programmes allow them to take up to 10 CP in free elective modules.									
■ MA2FWB1155	Deutsch: Grundkurs I (A 1.1) German Beginner I (A1.1)	Wi/ Su	5	SPÜ	4	Deutsch: Grundkurs I (A 1.1)		Knopp	Language training module
				Language exam					
Modules recommended for more advanced learners									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have acquired the necessary prerequisites elsewhere.									
■ MA2FWB1156	Deutsch: Grundkurs II (A1.2) German Beginner II (A1.2)	Wi/ Su	5	SPÜ	4	Deutsch: Grundkurs II (A1.2)		Knopp	Language training module Prerequisite: German Beginner I or placement test
				Language exam					
■ MA2FWB1157	Deutsch: Aufbaukurs I (A2.1) German Pre Intermediate I (A2.1)	Wi/ Su	5	SPÜ	4	Deutsch: Aufbaukurs I (A2.1)		Knopp	Language training module Prerequisite: German Beginner II or placement test
				Language exam					
■ MA2FWB1158	Deutsch: Aufbaukurs II (A2.2) German Pre Intermediate II (A2.2)	Wi/ Su	5	SPÜ	4	Deutsch: Aufbaukurs II (A2.2)		Knopp	Language training module Prerequisite: German Pre Intermediate I or placement test
				Language exam					

■ MA2FWB1159	Deutsch: Mittelkurs I (B1.1) German Intermediate I	Wi/ Su	5	SPÜ	4	Deutsch: Mittelkurs I (B1.1)		Knopp	Language training module Prerequisite: German Pre Intermediate II or placement test
				Language exam					
■ MA2FWB1160	Deutsch: Mittelkurs II (B1.2) German Intermediate II	Wi/ Su	5	SPÜ	4	Deutsch: Mittelkurs II (B1.2)		Knopp	Language training module Prerequisite: German Intermediate I or placement test
				Language exam					
■ MA2FWB1161	Deutsch: Mittelkurs III (B2.1) German Upper Intermediate I	Wi/ Su	5	SPÜ	4	Deutsch: Mittelkurs III (B2.1)		Knopp	Language training module Prerequisite: German Intermediate II or placement test
				Language exam					
■ MA2FWB1162	Deutsch: Mittelkurs IV (B2.2) German Upper Intermediate II	Wi/ Su	5	SPÜ	4	Deutsch: Mittelkurs IV (B2.2)		Knopp	Language training module Prerequisite: German Upper Intermediate I or placement test
				Language exam					

■ MA2FWB1173	Deutsch: Abschlusskurs C1* German Advanced C1	Wi/ Su	5	SPÜ	4	German Advanced C1		Knopp	Language training module Prerequisite: German Upper Intermediate II or placement test
				Language exam					
■ MA2FWB1171	Deutsch: Mündliche Kompetenz A1 German Beginner Oral Skills A1	Wi/ Su	5	SPÜ	4	German Beginner Oral Skills A1		Knopp	Language training module Prerequisite: German Upper Intermediate I or placement test
				Language exam					
■ MA2FWB1172	Deutsch: Mündliche Kompetenz A2 German Elementary Oral Skills A2	Wi/ Su	5	SPÜ	2	German Elementary Oral Skills A2		Knopp	Language training module Prerequisite: German Pre Intermediate II or placement test
				Language exam					
■ MA2FWB1165	Deutsch: Mündliche Kompetenzen I (B1) German Intermediate Oral Skills	Wi/ Su	5	SPÜ	2	please look up the B1-level verbal skills courses currently offered as part of the module		Knopp	Language training module Prerequisite: German Pre Intermediate II or placement test
				SPÜ	3	please look up the B1-level verbal skills courses currently offered as part of the module			
				Language exam					
■ MA2FWB1166	Deutsch: Mündliche Kompetenzen II (B2) German Upper Intermediate Oral Skills	Wi/ Su	5	SPÜ	2	please look up the B2-level verbal skills courses currently offered as part of the module		Knopp	Language training module Prerequisite: German Intermediate II or placement test
				SPÜ	3	please look up the B2-level verbal skills courses currently offered as part of the module			
				Language exam					

■ MA2FWB1167	Deutsch: Schriftliche Kompetenzen I (B1) German Intermediate Writing Skills	Wi/ Su	5	SPÜ	2	please look up the B1-level writing skills courses currently offered as part of the module		Knopp	Language training module Prerequisite: German Pre Intermediate II or placement test
				SPÜ	3	please look up the B1-level writing skills courses currently offered as part of the module			
				Language exam					
■ MA2FWB1168	Deutsch: Schriftliche Kompetenzen II (B2) German Upper Intermediate Writing Skills	Wi/ Su	5	SPÜ	2	please look up the B2-level writing skills courses currently offered as part of the module		Knopp	Language training module Prerequisite: German Intermediate II or placement test
				SPÜ	3	please look up the B2-level writing skills courses currently offered as part of the module			
				Language exam					
■ MA2FWB1169	Deutsch: Wissenschaftlich Arbeiten (B2/C1) German for Academic Purposes (B2/C1)	Wi/ Su	5	SPÜ	2	please look up courses for academic purposes currently offered as part of the module		Knopp	Language training module Prerequisite: German Upper Intermediate I or placement test
				SPÜ	3	please look up courses for academic purposes currently offered as part of the module			
				Language exam					
■ MA2FWB1170	Deutsch: Kultur und Landeskunde (B2/C1) German cultural studies (B2/C1)	Wi/ Su	5	SPÜ	2	please look up cultural studies courses currently offered as part of the module		Knopp	Language training module Prerequisite: German Intermediate II or placement test
				SPÜ	3	please look up cultural studies courses currently offered as part of the module			
				Language exam					

COMPUTATIONAL LINGUISTICS

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for more advanced learners									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have aquired the necessary prerequisites elsewhere.									
■ MA2FWB4104	Machine Learning for Natural Language Understanding: Essentials	Wi	5	V	2	Machine Learning for Natural Language Understanding		Rettinger	
				Ü	1	Machine Learning for Natural Language Understanding			
				Written assignment					
■ MA2FWB4105	Natural Language Processing: Essentials	Su	5	V	2	Natural Language Processing		Naumann	
				Ü	1	Natural Language Processing			
				Written exam (90 min) or Oral exam (20 min)					

COMPUTER SCIENCE

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for more advanced learners									
The following course offering is targeted at advanced learners with prior knowledge in the field, e.g. students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have aquired the necessary prerequisites elsewhere.									
■ MA4FWB4404	Big Data Analytics	Su	5	V	2	Big Data Analytics		Schenkel	
				Ü	1	Big Data Analytics			
				Written exam (120 min) or Oral exam (15–30 min.)					

ENVIRONMENTAL SCIENCES

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for beginners									
The following course offering requires no prior knowledge and particularly addresses students whose programmes allow them to take up to 10 CP in free elective modules.									
■ MA6FWB4701	Environmental Systems Analysis	Wi	5	V+S	2	Environmental Systems Analysis		Bierl	
				Ü	2	Environmental Systems Modelling			
				Written exam (120 min)					
Modules recommended for more advanced learners									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have aquired the necessary prerequisites elsewhere.									
■ MA6FWB4702	Atmospheric Boundary Layer	Wi	5	V	2	Atmospheric Boundary Layer		Heinemann, Drüe	
				Ü	2	Atmospheric Boundary Layer			
				Written exam (120 min)					
■ MA6FWB4703	Advanced Aspects of Environmental Soil Sciences	Wi	5	V	2	Environmental Soil Science		Thiele-Bruhn	
				Ü	2	Advanced Methods in Soil Science			
				Oral exam (30 min)					
■ MA6FWB4704	Nature Conservation, Restoration and Protection	Su	5	S	2	Soil Protection Concepts		Thiele-Bruhn	
				S	2	Nature Conservation			
				Term paper					
■ MA6FWB4705	Polluted Site Remediation	Su	5	V	2	Lecture		Wagner	
				S	1	Seminar			
				GK	1	Field course			
				Written exam (90 min)					

■ MA6FWB4706	Soil Use and Sustainable Management	Wi	5	V	2	Soil Use in Agriculture		Emmerling, Schüler	
				S	1	Forest Site Assessment			
				S	1	Waste Management			
				Written exam (90 min)					
■ MA6FWB4707	Geological Hazards, Risk Assessment and Management	Wi	5	V	2	Lecture		Wagner	
				S	1	Seminar			
				GK	1	Field trip			
				Written exam (90 min)					
■ MA6FWB4708	Fluvial Hydrology	Su	5	V+S	2	Particulate Transport in River catchments		Bierl	
				S	2	Water Quality Modeling			
				Oral exam (20 min)					

GEOINFORMATICS

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for beginners									
The following modules requires no prior knowledge. They particularly address students whose programmes allow them to take up to 10 CP in free elective modules.									
■ MA6FWB4301	Introduction to Geoinformatics	Wi	5	Ü	4	Computer course: Introduction to Geoinformatics		Udelhoven	
				Written exam (60 min)					
■ MA6FWB4302	Fundamentals of Environmental Remote Sensing	Wi	5	V	2	Fundamentals of Environmental Remote Sensing		Udelhoven	
				Ü	2	Fundamentals of Environmental Remote Sensing			
				Written exam (60 min)					

STATISTICS

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for more advanced learners									
The following course offering is targeted at advanced learners with prior knowledge in the field, e.g. students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have acquired the necessary prerequisites elsewhere.									
■ MA4FWB4601	Statistical Literacy	Su	10	V+ Ü	5	Statistical Literacy		Münnich	Prerequisites: Basic knowledge of descriptive and inductive statistics
				Poster presentation <i>and</i> written exam (60 min) or Term paper <i>and</i> written exam (60 min)					

BUSINESS ADMINISTRATION

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for more advanced learners									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have aquired the necessary prerequisites elsewhere.									
■ MA4FWB5105	Strategy and Innovation I	Wi	10	V/S	2	Strategic Management I		Block	
				V/S	2	Innovation Management I			
				S	2	Tutorial Strategic Management and Innovative Management I			
				Written exam (90 min) or Written assignment					
■ MA4FWB5105	Strategy and Innovation II	Su	10	V/S	2	Strategic Management II		Block	
				V/S	2	Innovation Management II			
				Written exam (90 min) or Written assignment					
■ MA4FWB5107	Finance A	Wi	10	S	2	Finance A		Adam-Müller	
				Ü	2–4	Finance A			
				Written exam (90 min) or Written assignment					
■ MA4FWB5108	Finance C	Wi	10	S	2	Finance C		Rieger	
				Ü	2–4	Finance C			
				Written exam (90 min) or Oral exam (15-20 min)					
■ MA4FWB5109	Finance D	Su	10	S	2	Finance D		Rieger	
				Ü	2–4	Finance D			
				Written exam (90 min) or Oral exam (15-20 min)					

■ MA4FWB5110	Human Resource Management, Personnel Economics, and Organization A	Wi	10	V/+Ü	2-4	Arbeit und Organisation in der Wissensökonomie		Goerke, Muehlfeld, Semrau	German/ English - contact the module convenor for detailed information on the language of instruction. Two out of the four classes have to be chosen.
				V/+Ü	2-4	Arbeitskontrakte (Employment Contracts)			
				V/+Ü	2-4	Change and Organizational Behavior			
				V/+Ü	2-4	Aktuelle Themen der Organisation, Personalwirtschaft und Personalökonomik			
				Written exam (90 min) <i>or</i> Portfolio exam					
■ MA4FWB5111	Human Resource Management, Personnel Economics, and Organization B	Su	10	S	2-4	Theory/Research in International Human Resource Management and Comparative Industrial Relations (WP1)		Goerke, Muehlfeld, Semrau	You may choose one out of the three pairs of seminars (e.g. WP1 or WP2 or WP3).
				S	2-4	Cases on International Human Resource Management and Comparative Industrial Relations (WP1)			
				S	2-4	Topics in Personnel Economics (WP2)			
				S	2-4	Research on Personnel Economics (WP2)			
				S	2-4	Research on Organizational Behavior and Change (WP3)			
				S	2-4	Cases on Organizational Behavior and Change (WP3)			
				Portfolio exam <i>or</i> Term paper <i>and</i> Graded coursework assessment					

■ MA4FWB5114	Retail Management and International B2C-Marketing	Wi	10	V	2	Handelsmanagement (WP)		Swoboda	German/ English - contact the module convenor for detailed information on the language of instruction. Two out of three courses have to be chosen.
				S/Ü	4	International Brand Management (WP)			
				S/Ü	2	Ausgewählte Themen im Online-Handel und Distribution (WP)			
				Written exam (90 min) or Written assignment					

ECONOMICS

Module code	Module title	Sem.	CP	Course type	Hours per week	Course title	Assessment type	Module convenor	Annotations
Modules recommended for beginners									
The following course offering requires no prior knowledge and particularly addresses students whose programmes allow them to take up to 10 CP in free elective modules.									
■ MA4FWB5308	Introduction to Economics for Non-Economists	Su	5	V	2	Introduction to Economics for Non-Economists		Matschke	
				Ü	1	Introduction to Economics for Non-Economists			
				Written exam (60 min)					
Modules recommended for more advanced learners									
The following modules require prior knowledge of the subject. They particularly address students who are enrolled in programmes that allow them take more than 10 CP in free elective modules, who have already successfully completed the introductory modules, or who have aquired the necessary prerequisites elsewhere.									
■ MA4FWB5301	Advanced Microeconomics	Wi	10	V	2	Advanced Microeconomics		Jirjahn, Matschke	
				Ü	2	Advanced Microeconomics			
				K	2	Mathematics for Economists			
				Written exam (120 min)					
■ MA4FWB5302	Advanced Macroeconomics	Wi	10	V	2	Advanced Macroeconomics		Neuenkirch	
				Ü	2	Advanced Macroeconomics			
				Written exam (120 min)					
■ MA4FWB5303	Econometrics	Wi	10	V	2	Econometrics		Neuenkirch	
				Ü	2	Econometrics			
				Written exam (120 min)					
■ MA4FWB5304	Incentives in Organizations and Innovation	So	10	V	2	Incentives in Organizations		Jirjahn	
				S	2	Incentives in Organizations			
				Written exam (60 min) and Term paper					

■ MA4FWB5305	Health Economics	Su+ Wi	10	V	2	Health Economics		Lorenz	
				Ü	1	Health Economics			
				S	1	Health Economics			
				Written exam (90 min)					

INTERDISCIPLINARY COMPETENCIES

Module code	Module title	Sem.	CP	Course type	Hours per week		Assessment type	Module convenor	Annotations
Modules recommended for beginners									
The following course offering requires no prior knowledge and particularly addresses students whose programmes allow them to take up to 10 CP in free elective modules.									
■ BA3FWB6001/ MA3FWB6001	EurIdentity Basic Level: Foundations of Europe	Wi/ Su	5	V	3	EurIdentity Basic Level: Foundations of Europe		Schild	
				Written exam (60 min)					

List of abbreviations

Compulsory attendance courses

EX	Field trip/Day field trip	LAB	Lab/Lab course	PRS	Practical seminar
GÜ	Field training	PRA	Internship	PRÜ	Practical exercise course
KOS	Colloquial seminar	PRO	Project/Project seminar	SPÜ	Language practice course

Courses not subject to attendance requirements

EL	E-learning course	LK	Reading course	TUT	Tutorial
FK	Special course	OS	Advanced seminar	Ü	Practical course
HS	Master's-level seminar	PRP	Preparatory course	V	Lecture
KOL	Colloquium	PS	Bachelor's-level seminar	V+Ü	Lecture with practical course
K	Course	S	Seminar		

Other abbreviations

LP	Credit points	So	Summer semester	Wi/Su	The module is offered in the winter semester as well as in the summer semester.
P	Compulsory module	Wi	Winter semester		
Sem	Semester	Wi+So	The module extends over two semesters (winter and summer semesters).		
SWS	Hours			WP	Compulsory elective