

M.Sc. Economics (2 year program)

Organization of the study program

- The program is completed when you received 120 ECTS in the following way:

Basic area:	at least 45 ECTS
Specialization area:	at least 48 ECTS
Master Thesis:	24 ECTS

(Further 3 ECTS have to be earned either in the basic or in the specialization area.)
- The proposed study schedule can be found on the homepage.
- You have to choose one specialization area:
 - Innovation and Change
 - Economics and Strategy
 - World Economy
 - Public Economics
 - Quantitative Macroeconomics
 - Regional Dynamics
 - General Economics
- In the following it is explained how to select the courses according to the study and examination regulations. The details are also described in the module catalogue (Friedolin).
- Legally binding are the official exam regulations, study regulations, and the module catalogue in the Friedolin system (see website of the program).
- A *compulsory* course must be taken and you have to pass it. An *elective* course can be chosen from the given list. Regarding the opportunity to take resits or to exchange an elective course with another one after failed exams, please see the FAQ list!
- An extension of the study program by one additional semester is possible. In case that the program is not completed after the 5th term, you *have to* complete it in the 6th term. A further prolongation is not possible.

Basic Modules (except for specialization area „Regional Dynamics“¹):

- You have to make 18 ECTS in the following compulsory courses:

MW24.1	Empirical Methods	6
MW26.1	Approaches to Economic Science	6
MW26.5	General Key Qualifications	6

- At least* 21 ECTS (= 4 courses) have to be made in elective courses from this list:

MW20.1	Advanced Microeconomics	6
MW21.1	Advanced Macroeconomics	6
MW21.2	Money and Financial Markets	6
MW22.1	Regional Development	6
MW23.6	Advanced Public Finance	6
MW25.1	Public Choice	6
MW32.1	Emergence of a World Economy (not available from winter 18/19)	3

- At most* 6 ECTS (= 1 course) have to be made in elective courses from this list:

MW10.1	Supply Chain Management	6
MW11.2	Marketing Mix Policies	6
MW12.3	Finanzmanagement, Intermediation und Kapitalmarkttheorie	6
MW13.2	Organisationsstrukturen	6
MW14.1	Steuern und Unternehmensbewertung	6
MW15.1	Konzernrechnungslegung	6
MW16.1	Theorien der Firma und strategisches Management	6
MW17.1	Decision Making	6
	Interdisziplinäre Grundlagen	6

- The sum of ECTS must be at least 45.

1 See end of this file.

Specialization area "Innovation and Change"

- You have to pass the following compulsory courses (18 ECTS):

MW20.3	Economics of Innovation I: Innovation Decisions	6
MW21.4	Growth and Innovation	6
MW22.3	Innovation Systems	6

- At least 12 ECTS (= 2 courses) must be from the following list of elective courses:

MW20.4	Economics of Innovation II: Industrial Dynamics and Evolution	6
MW20.5	Economics of Innovation III: Economic Dynamics and Structural Change	6
MW20.6	Economics of Innovation IV: Special Topics	6
MW21.8	Empirical Macroeconomics	6
MW21.6	Topics in Behavioral Economics	6
MW22.2	Innovation Policy	6
MW22.4	Advanced Studies in Entrepreneurship	6
MW23.2	Advanced Public Economics II: Education Economics	6
MW24.2	Quantitative Economics I	6
MW24.5	Quantitative Economics III	6
MW26.2	Topics in Economics	6
MW32.2	History of Technology and Innovation (not available from winter 18/19)	6
MW32.3	Business History (not available from winter 18/19)	6
MW26.3	Topics in Economic Theory and Policy I	6
MW26.4	Topics in Economic Theory and Policy II	3

- You have to take two seminars = 12 ECTS. At least one must be from the following list:

MW20.7	Seminar Economic Theory / Economics of Innovation	6
MW21.7	Seminar Macroeconomics	6
MW22.6	Seminar Entrepreneurship, Innovation and Regional Development	6

- From all mentioned compulsory and elective courses in all specialization areas you have to choose additional courses with at least 6 ECTS.
- The sum of ECTS must be at least 48.

Specialization area "Economics and Strategy"

- You have to pass the following compulsory courses (18 ECTS):

MW20.3	Economics of Innovation I: Innovation Decisions	6
MW24.2	Quantitative Economics I	6
MW24.5	Quantitative Economics III	6

- At least* 12 ECTS (= 2 courses) must be from the following list of elective courses:

MW20.2	Productivity and Efficiency Measurement	6
MW21.6	Topics in Behavioral Economics	6
MW23.5	Advanced Public Economics III: Health Economics	6
MW24.3	Quantitative Economics II	6
MW25.4	IPE III: Guided Reading in International Economics	6
MW21.8	Empirical Macroeconomics	6
MW21.9	Computational Macroeconomics	6
MW21.3	Monetary and Fiscal Policy	6
MW26.2	Topics in Economics	6
MW26.3	Topics in Economic Theory and Policy I	6
MW26.4	Topics in Economic Theory and Policy II	3

- You have to take two seminars = 12 ECTS. At least one must be from the following list:

MW20.7	Seminar Economic Theory / Economics of Innovation	6
MW21.7	Seminar Macroeconomics	6
MW22.6	Seminar Entrepreneurship, Innovation and Regional Development	6
MW24.4	Seminar Quantitative Economics	6

- From all mentioned compulsory and elective courses in all specialization areas you have to choose additional courses with at least 6 ECTS.
- The sum of ECTS must be at least 48.

Specialization area "World Economy"

- You have to pass the following compulsory courses (18 ECTS):

MW21.5	International Trade	6
MW23.1	Advanced Public Economics I: Public Policy in Open Economies	6
MW25.2	IPE I: Trade and Development	6

- At least 12 ECTS (= 2 courses) must be from the following list of elective courses:

MW20.5	Economics of Innovation III: Economic Dynamics and Structural Change	6
MW21.3	Monetary and Fiscal Policy	6
MW22.3	Innovation Systems	6
MW22.5	European competition Policy	6
MW23.2	Advanced Public Economics II: Education Economics	6
MW23.3	Advanced Public Economics IV: Special Topics	6
MW24.2	Quantitative Economics I	6
MW24.3	Quantitative Economics II	6
MW24.5	Quantitative Economics III	6
MW21.8	Empirical Macroeconomics	6
MW21.9	Computational Macroeconomics	6
MW25.3	IPE II: Monetary Macroeconomics	6
MW25.4	IPE III: Guided Reading in International Economics	6
MW26.2	Topics in Economics	6
MW26.3	Topics in Economic Theory and Policy I	6
MW26.4	Topics in Economic Theory and Policy II	3
MW32.3	Business History (not available from winter 18/19)	6

- You have to take two seminars = 12 ECTS. At least one must be from the following list:

MW21.7	Seminar Macroeconomics	6
MW22.6	Seminar Entrepreneurship, Innovation and Regional Development	6
MW23.4	Seminar Public Finance	6
MW24.4	Seminar Quantitative Economics	6
MW25.5	Seminar International Economics	6

- From all mentioned compulsory and elective courses in all specialization areas you have to choose additional courses with at least 6 ECTS.
- The sum of ECTS must be at least 48.

Specialization area "Public Economics"

- You have to pass the following compulsory courses (18 ECTS):

MW23.1	Advanced Public Economics I : Public Policy in Open Economies	6
MW24.5	Quantitative Economics III	6
MW21.3	Monetary and Fiscal Policy	6

- At least 12 ECTS* (= 2 courses) must be from the following list of elective courses:

MW20.2	Productivity and Efficiency Measurement	6
MW22.2	Innovation Policy	6
MW22.5	European Competition Policy	6
MW23.2	Advanced Public Economics II: Education Economics	6
MW23.3	Advanced Public Economics IV: Special Topics	6
MW23.5	Advanced Public Economics III: Health Economics	6
MW24.2	Quantitative Economics I	6
MW24.3	Quantitative Economics II	6
MW21.8	Empirical Macroeconomics	6
MW21.9	Computational Macroeconomics	6
MW25.2	IPE I: Trade and Development	6
MW25.3	IPE II: Monetary Macroeconomics	6
MW32.3	Business History (not available from winter 18/19)	6
MW26.2	Topics in Economics	6
MW26.3	Topics in Economic Theory and Policy I	6
MW26.4	Topics in Economic Theory and Policy II	3

- You have to take two seminars = 12 ECTS. At least one must be from the following list:

MW23.4	Seminar Public Finance	6
MW24.4	Seminar Quantitative Economics	6
MW21.7	Seminar Macroeconomics	6
MW25.5	Seminar International Economics	6

- From all mentioned compulsory and elective courses in all specialization areas you have to choose additional courses with at least 6 ECTS.
- The sum of ECTS must be at least 48.

Specialization area „Quantitative Macroeconomics“

- You have to pass the following compulsory courses (18 ECTS):

MW21.8	Empirical Macroeconomics	6
MW21.3	Monetary and Fiscal Policy	6
MW25.3	IPE II: Monetary Macroeconomics	6

- At least* 12 ECTS (= 2 courses) must be from the following list of elective courses:

MW20.2	Productivity and Efficiency Measurement	6
MW21.4	Growth and Innovation	6
MW21.5	International Trade	6
MW20.5	Economics of Innovation III: Economic Dynamics and Structural Change	6
MW23.1	Advanced Public Economics I: Public Policy in Open Economies	6
MW30.4	Prognoseverfahren (in German language)	6
MW21.9	Computational Macroeconomics	6
MW25.2	IPE I: Trade and Development	6
MW26.2	Topics in Economics	6
MW26.3	Topics in Economic Theory and Policy I	6
MW26.4	Topics in Economic Theory and Policy II	3

- You have to take two seminars = 12 ECTS from the following list:

MW23.4	Seminar Public Finance	6
MW24.4	Seminar Quantitative Economics	6
MW21.7	Seminar Macroeconomics	6
MW25.5	Seminar International Economics	6
MW20.7	Seminar Economic Theory / Economics of Innovation	6
MW22.6	Seminar Entrepreneurship, Innovation and Regional Development	6

- From all mentioned compulsory and elective courses in all specialization areas you have to choose additional courses with at least 6 ECTS.
- The sum of ECTS must be at least 48.

Specialization area „General Economics“

- Students have to choose 4 courses from this list (24 ECTS):

MW23.1	Advanced Public Economics I : Public Policy in Open Economies	6
MW24.5	Quantitative Economics III	6
MW24.2	Quantitative Economics I	6
MW20.3	Economics of Innovation I: Innovation Decisions	6
MW21.4	Growth and Innovation	6
MW22.3	Innovation Systems	6
MW25.2	IPE I: Trade and Development	6
MW21.5	International Trade	6
MW21.8	Empirical Macroeconomics	6
MW21.3	Monetary and Fiscal Policy	6
MW25.3	IPE II: Monetary Macroeconomics	6

- From all mentioned compulsory and elective courses in all specialization areas (except for „Regional Dynamics“) students have to choose additional courses with at least 12 ECTS.
- Two seminars have to be taken from this list:

MW23.4	Seminar Public Finance	6
MW24.4	Seminar Quantitative Economics	6
MW21.7	Seminar Macroeconomics	6
MW25.5	Seminar International Economics	6
MW20.7	Seminar Economic Theory / Economics of Innovation	6
MW22.6	Seminar Entrepreneurship, Innovation and Regional Development	6

Specialization area „Regional Dynamics“

Note that this specialization area is bi-lingual (English, German). It requires German proficiency at level DSH-2 (comparable with C1). Moreover, students who choose this specialization area also have a different structure of the basic area!

Grundlagenbereich:

- **Pflichtmodule:***

GEOG 221	Unternehmen und Region	5
GEOG 222	Globalisierung und Transnationalisierung	5
GEOG 321	Angewandte Wirtschaftsgeographie	5
GEOG 324	Humangeographische Feldforschung <i>oder</i>	5
GEOG 326	Spezielle Themen der Wirtschaftsgeographie <i>oder</i>	
GEOG 327	Spezielle Methoden der Wirtschafts- und Sozialgeographie	

* Bei einem Bachelor-Abschluss mit wirtschaftsgeographischer Ausrichtung können diese Module gemäß §2 (3) der Studienordnung im Rahmen eines individuellen Studienplans teilweise oder vollständig durch volkswirtschaftliche Bachelor-Module ersetzt werden.

- Es sind mindestens vier Kurse aus folgendem **Wahlpflichtbereich** zu belegen:

MW26.6	Regionale Dynamiken (Regional Dynamics)	3
GGF-GG-02	Migration und demographischer Wandel	5
GEOG 111	Einführung in die Geoinformatik	5
MW22.1	Regional Development	6
MW24.1	Empirical Methods	6
MW21.1	Advanced Macroeconomics	6

Spezialisierungsbereich:

Fall A: Bei einem wirtschaftswissenschaftlichen Bachelor-Abschluss sind mindestens 15 ECTS im Bereich der Geographie zu belegen (Modulcodes GEOG bzw. CFG).

Fall B: Bei einem wirtschaftsgeographischen orientierten Bachelor-Abschluss sind mindestens 24 ECTS im Bereich Volkswirtschaftslehre zu belegen (Modulcodes MW).

GEOG 425	Spezielle Methoden der Migrations- und Regionalforschung	5
GEOG 426	Vertiefungsmodul Bevölkerung, Mobilität und Entwicklung	5
GEOG 427	Feldforschung	5
GEOG 521	Globalisierung und regionaler Wandel	10
GEOG 211	Einführung in die räumliche Analyse mit GIS	5
GEOG 403	Geoinformatik-Projekt	5
GEOG 408A	Advanced Statistics for Geospatial Modelling	5
GEOG 408B	Machine Learning for Geospatial Modelling	5
GFG-GG-01	Methoden der Regionalanalyse	5
MW20.3	Economics of Innovation I: Innovation Decisions	6
MW20.4	Economics of Innovation II: Industrial Dynamics and Evolution	6
MW20.5	Economics of Innovation III: Economic Dynamics and Structural Change	6
MW20.6	Economics of Innovation IV: Special Topics	6
MW22.2	Innovation Policy	6
MW22.3	Innovation Systems	6
MW22.4	Advanced Studies in Entrepreneurship	6
MW22.5	European Competition Policy	6
MW23.1	Advanced Public Economics I: Public Policy in Open Economies	6
MW23.2	Advanced Public Economics II: Education Economics	6
MW23.3	Advanced Public Economics IV: Special Topics	6
MW24.2	Quantitative Economics I	6
MW24.3	Quantitative Economics II	6
MW25.2	IPE I: Trade and Development	6
	Interdisziplinäre Grundlagen	5-6

- Es ist folgendes Seminar zu belegen:

CFG-GG-03	Globalisierung und regionale Dynamiken	5
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- Es ist ein volkswirtschaftliches Seminar aus folgender Liste zu belegen:

MW20.7	Seminar Economic Theory / Economics of Innovation	6
MW23.4	Seminar Public Finance	6
MW22.6	Seminar Entrepreneurship, Innovation and Regional Development	6
MW25.5	Seminar International Economics	6