

M.Sc. Economics Organization of the study program
--

The program is completed as soon as you have 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 website.

You have to choose one specialization area:

- Innovation and Change
- Economics and Strategy
- World Economy
- Public Economics
- Quantitative Macroeconomics
- General Economics
- Regional Dynamics

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 on Friedolin.

Legally binding are the official exam regulations, study regulations, and the module catalogue on the Friedolin system (see website of the program).

Please check also the **"FAQ of students"** on the program's website!

Basic Modules (except for specialization area "Regional Dynamics")

Students have to pass the following 3 **compulsory** courses (18 ECTS):

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

At least 21 ECTS (= 4 courses) must be earned from courses in this list of **elective** courses:

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

At most 6 ECTS (= 1 course) can be earned from courses in this list of **elective** courses:

MW10.1	Supply Chain Management	6
MW11.8	Technology Management	6
MW12.3	Finanzmanagement, Intermediation und Kapitalmarkttheorie	6
MW13.2	Organisationsstrukturen	6
MW14.1	Steuern und Unternehmensbewertung	6
MW15.1	Konzernrechnungslegung	6
MW16.1	Grundlagen des Internationalen Managements	6
MW17.1	Decision Making	6
	Interdisziplinäre Grundlagen (Interdisciplinary Foundations)	6

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 earned from courses in this 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: Innovation Policy	6
MW21.8	Empirical Macroeconomics (<i>expired</i>)	6
MW21.10	Open Economy Macroeconomics	6
MW21.6	Topics in Behavioral Economics	6
MW22.4	Advanced Studies in Entrepreneurship	6
MW23.2	Advanced Public Economics II: Education Economics	6
MW22.7	Climate, Sustainable Development and Innovation	6
MW24.2	Quantitative Economics I	6
MW24.5	Quantitative Economics III	6
MW 26.10	Topics in Productivity Analysis	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 pass 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
MW26.9	Seminar in Productivity Analysis	6

You have to choose a further course (6 ECTS) from *any* specialization area (irrespective of compulsory or elective), except for "Regional Development"

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 earned from courses in this 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 (<i>expired</i>)	6
MW21.10	Open Economy Macroeconomics	6
MW21.9	Computational Macroeconomics (<i>expired</i>)	6
MW21.11	Applied Business Cycles Analysis	6
MW21.3	Monetary and Fiscal Policy	6
MW26.7	Topics in Empirical Banking	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 pass 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
MW26.8	Seminar in Regulation of Financial Markets	6

You have to choose a further course (6 ECTS) from *any* specialization area (irrespective of compulsory or elective), except for "Regional Development"

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 earned from courses in this 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 (<i>expired</i>)	6
MW21.10	Open Economy Macroeconomics	6
MW21.9	Computational Macroeconomics (<i>expired</i>)	6
MW21.11	Applied Business Cycles Analysis	6
MW25.3	IPE II: Monetary Macroeconomics	6
MW25.4	IPE III: Guided Reading in International Economics	6
MW22.7	Climate, Sustainable Development and Innovation	6
MW26.7	Topics in Empirical Banking	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 pass 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
MW26.8	Seminar in Regulation of Financial Markets	6

You have to choose a further course (6 ECTS) from *any* specialization area (irrespective of compulsory or elective), except for "Regional Development"

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 earned from courses in this list of **elective** courses:

MW20.2	Productivity and Efficiency Measurement	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 (<i>expired</i>)	6
MW21.10	Open Economy Macroeconomics	6
MW21.9	Computational Macroeconomics (<i>expired</i>)	6
MW21.11	Applied Business Cycles Analysis	6
MW25.2	IPE I: Trade and Development	6
MW25.3	IPE II: Monetary Macroeconomics	6
MW22.7	Climate, Sustainable Development and Innovation	6
MW26.7	Topics in Empirical Banking and Regulation	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 pass 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
MW26.8	Seminar in Regulation of Financial Markets	6

You have to choose a further course (6 ECTS) from *any* specialization area (irrespective of compulsory or elective), except for "Regional Development".

Specialization area "Quantitative Macroeconomics"

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

MW21.8	Empirical Macroeconomics (<i>expired</i>)	6
	or	
MW21.10	Open Economy Macroeconomics	6
MW21.3	Monetary and Fiscal Policy	6
MW25.3	IPE II: Monetary Macroeconomics	6

At least 12 ECTS (= 2 courses) must be earned 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	6
MW21.9	Computational Macroeconomics (<i>expired</i>)	6
MW21.11	Applied Business Cycles Analysis	6
MW25.2	IPE I: Trade and Development	6
MW26.7	Topics in Empirical Banking	6
MW26.10	Topics in Productivity Analysis	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 pass 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

You have to choose a further course (6 ECTS) from *any* specialization area (irrespective of compulsory or elective), except for "Regional Development"

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 (<i>expired</i>)	6
MW21.10	Open Economy Macroeconomics	6
MW21.3	Monetary and Fiscal Policy	6
MW25.3	IPE II: Monetary Macroeconomics	6

You have to choose additional courses worth at least 12 ECTS, to be taken from all mentioned compulsory and elective courses in all specialization areas (except for "Regional Dynamics").

You have to pass 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
MW26.8	Seminar in Regulation of Financial Markets	6
MW26.9	Seminar in Productivity Analysis	6

Abweichender Grundlagenbereich für Studierende im Schwerpunkt "Regional Dynamics "
(Deutsch und Englisch)

Pflichtmodule:*

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

* 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	Regional Dynamics	3
CGF-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

Schwerpunkt "Regional Dynamics"

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

Fall B: Bei einem wirtschaftsgeographisch ausgerichteten Bachelor-Abschluss sind mindestens 24 ECTS im Bereich Volkswirtschaftslehre zu belegen (Modulcodes MWxx.x).

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 411	Fortgeschrittene statistische Methoden der räumlichen Modellierung	5
GEOG 413	Methoden des maschinellen Lernens für die räumliche Modellierung	5
CGF-CC-01	Methoden der Regionalanalyse	5
MW 20.3	Economics of Innovation I: Innovation Decisions	6
MW 20.4	Economics of Innovation II: Industrial Dynamics and Evolution	6
MW 20.5	Economics of Innovation III: Economic Dynamics and Structural Change	6
MW 20.6	Economics of Innovation IV: Innovation Policy	6
MW 22.3	Innovation Systems	6
MW 22.4	Advanced Studies in Entrepreneurship	6
MW 22.5	European Competition Policy	6
MW 23.1	Advanced Public Economics I: Public Policy in Open Economies	6
MW 23.2	Advanced Public Economics II: Education Economics	6
MW 23.3	Advanced Public Economics IV: Special Topics	6
MW 24.2	Quantitative Economics I	6
MW 24.3	Quantitative Economics II	6
MW 25.2	IPE I: Trade and Development	6
	Interdisziplinäre Grundlagen	5-6

Es ist folgendes Seminar zu belegen:

CGF-GG-03	Globalisierung und regionale Dynamiken	5
-----------	--	---

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