Modulkatalog SoSe 25 und WiSe 25/26

M.Sc. International Economics and Business

Änderungen vorbehalten
Änderungen werden ggf. zunächst nur auf der Fakultätswebsite kommuniziert und nicht umgehend in den Katalog eingetragen.
Prüfungs- und Modulnummern beinhalten Platzhalter aufgrund der aktuellen Umstellung auf die neue Prüfungs- und Modulnummern-Logik.

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MRIEB20232-XX-M26	Tba	Unregelmäßig
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Modulgruppe D: Governance, Institutions and Development

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MRIEB20232-03-12-M30	Evaluation of Development Policies	SoSe
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MRIEB20232-03-12-M39	Seminar: The Economics of Corruption	Unregelmäßig
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MRIEB20232-XX-M33	Environmental and Health Economics	SoSe
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MRIEB20232-03-12-M34	Health, Development and Public Policy	SoSe
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MRIEB20232-03-12-M35	Growth, Inequality and Poverty	WiSe
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MRIEB20232-XX-M36	Seminar in Development Economics	SoSe
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International Accounting		
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MRIEB20232-03-11-M44	Advanced International Accounting	SoSe
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MRIEB20232-XX-M45	Tba	Tba
Electronic Markets		
MRIEB20232-XX-M46	Digital Markets and Online Platforms	WiSe
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MRIEB20232-XX-M47	Organizational Behavior - Unternehmensführung und Verhalten in Organisationen	SoSe
International Cooperation and Networks		
MRIEB20232-03-11-M49	International Cooperation and Networks	WiSe
Lectures in Advanced Business Administration		
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Modulgruppe F: Wirtschaftsfremdsprache

Es kann jede vom Sprachenzentrum angebotene Fremdsprache gewählt werden. In Englisch, Französisch und Spanisch (Wirtschaftsfremdsprache) sind Vorkenntnisse nachzuweisen, die mindestens zum Besuch der FFA Hauptstufe 1 (Niveaustufe C1 GER) berechtigen. Ist im Rahmen eines ersten Hochschulabschlusses eine höhere Niveaustufe in der entsprechenden Wirtschaftsfremdsprache nachgewiesen, so ist die FFA Hauptstufe 2 (Niveaustufe C2 GER) zu wählen. In allen anderen Sprachen sind Vorkenntnisse nachzuweisen, die zum Besuch der FFA Aufbaustufe berechtigen. Werden höhere Vorkenntnisse nachgewiesen, so ist die auf diesen Vorkenntnissen aufbauende Stufe zu besuchen.

Modulgruppe G: Interdisziplinäre Module

Diese Modulgruppe umfasst Veranstaltungen anderer Fakultäten zu Fortgeschrittenen Methoden, Globalisierung, Internationaler Handel, Finanzen, Entwicklung, Institutionen und Governance. Studierende erlernen Theorien und wenden Methoden aus dem Blickwinkel einer anderen Fakultät an, um ihre Veranstaltungen aus den Modulgruppen A bis D synergetisch zu ergänzen. Im Modulkatalog können weitere Module angeboten werden, sofern diese hinsichtlich des Lehrinhalts und der Lernziele zum Erwerb der gemäß Sätze 1 und 2 zu erwerbenden Kompetenzen geeignet sind. Die Veranstaltungen gemäß Satz 3 werden spätestens zu Beginn des jeweiligen Semesters im Modulkatalog bekannt gemacht.

MRIEB2 0232- XX-M54	Interdisziplinäre Vertiefung 1
MRIEB2 0232- XX-M55	Interdisziplinäre Vertiefung 2
MRIEB2 0232- XX-M56	Interdisziplinäres Hauptseminar

Begriffsbestimmungen

In den kommenden Bestimmungen werden folgende Abkürzungen verwendet:

FFA = **Fachspezifische Fremdsprachenausbildung**

FFP = **Fachspezifische Fremdsprachenprüfung**

h = **Stunden**

LP = **Leistungspunkte nach dem European Credit Transfer System**

SE = **Seminar**

SWS = **Semesterwochenstunden**

Ü = **Übung**

V = **Vorlesung**

WÜ = **Wissenschaftliche Übung.**

Präambel

Workload-Berechnung:

Die Zuordnung von Leistungspunkten geht von der Arbeitsbelastung eines oder einer durchschnittlichen Studierenden aus. Ein Leistungspunkt entspricht in diesem Rahmen ca. 30 Arbeitsstunden. Dieser Durchschnitt wird im vorliegenden Studiengang einheitlich für alle Fächer und Lehrveranstaltungstypen angenommen.

Da die hochschulpolitische und die allgemeinpolitische Diskussion um den Bologna-Prozess gezeigt hat, dass die modularisierten Studiengänge im Allgemeinen als verschult und unwissenschaftlich wahrgenommen werden, haben wir uns im Rahmen dieses Modells für eine relativ hohe Bepunktung entschieden, im Vertrauen auf die Fähigkeit unserer Studierenden, die Freiheit zum selbständigen Lernen gut zu nutzen.

Die konzeptionelle Philosophie der Wirtschaftswissenschaftlichen Fakultät der Universität Passau hat zwei Schwerpunkte: Klar und möglichst einfach strukturierte Studiengänge und große Freiheit zur selbständigen Arbeit. Das bedeutet ein einfach nachvollziehbares Punkte-Schema für alle Lehrveranstaltungstypen, je nach deren Semesterwochenstunden und insgesamten Workload (5 ECTS-LP für V+Ü, 7 ECTS-LP für Masterseminare). Die Veranstaltungen an der Wirtschaftswissenschaftlichen Fakultät sind so konzipiert, dass der größere Teil des Workloads auf die Eigenarbeit der Studierenden entfällt. Diese Eigenarbeit ist bei der Vor- und Nachbereitung von Lehrveranstaltungen zu erbringen.

Prüfende:

Die in diesem Modulkatalog genannten Modulverantwortlichen sind auch Prüferinnen und Prüfer der von ihnen verantworteten Module.

Anwesenheitspflicht:

Grundsätzlich besteht keine Anwesenheitspflicht. Bei Seminaren und Workshops gilt dagegen in der Regel regelmäßige Anwesenheitspflicht. Abweichungen entnehmen Sie bitte den Angaben in Stud-IP.

Wiederholungsmöglichkeit:

Prüfungsmodule können gem. der Fachstudien- und Prüfungsordnung des Masterstudiengangs „International Economics and Business" wiederholt werden.

Seminare:

Grundsätzlich bieten Lehrstühle regelmäßig Seminare an. Allerdings gibt es auch Ausnahmen. Bitte beachten Sie dazu die Seminar-Ankündigungen auf den Webseiten der Lehrstühle.

Module

Modulgruppe A: Core Courses

Econometric Methods

Module number
MRIEB20232-XX-M1
Course name
Econometric Methods
Module coordinator
Prof. Dr. Harry Haupt

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-001	5	3+2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	1

Workload
Lecture 3 SWS (42 h Contact hours and 28 h Self-study) and Tutorial 2 SWS (28 h Contact hours, 42 h Self-study). We are calculating with 15 semester weeks (Lecture, Tutorial and Exam). Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24:   Modulgruppe A: Core Courses   **MIEB Version WiSe 18/19:**   Modulgruppe A: Core Courses
Reference to the LPO I
Recommended prerequisites
Bachelor's level understanding of calculus and matrix algebra, introductory statistics including inferential methods, regression analysis, and testing methods. Basic knowledge of R statistical software is an advantage.
Requirements
None
Language of instruction
English

Content
This module provides an introduction into the core methods of modern econometrics at international standard master's level. The following content is covered: Regression analysis and estimation principles, econometric models, hypothesis testing in regression, exact and asymptotic inference, endogeneity, and heteroscedasticity.

Intended learning outcomes (ILOs)
Students who have successfully completed the module are able: • to give a systematic overview of the core principles of modern econometrics. • to understand regression estimation and inference methods and their basic interpretations • to apply the acquired methods and principles to data-based problems. • to perform econometric analyses and will know the underlying mathematical assumptions and the corresponding statistical properties of important regression-based testing and estimation procedures. • to critically assess empirical results, identify potential pitfalls, falsify statements while quantifying the underlying uncertainty, and develop and interpret sound simple models.
Teaching methods
Interactive frontal teaching and discussion of the course content. Teaching of theoretical principles and illustration by examples in lecture and tutorial. Weekly (accessible) lecture and exercise materials and required literature. Some of the tutorials are hands-on using the open-source statistical software R.
Required attendance
Examination (type of examination, scope)
Written exam or home performance assessment (60 minutes) or oral (online) exam
Overall grade relevance
100%
Exam resit opportunities
Recommended reading
- Hansen, B. (2021), Econometrics. http://www.ssc.wisc.edu/~bhansen/econometrics/ - Davidson, R. & J.G. MacKinnon (2009), Econometric Theory and Methods, Oxford Univ. Press. - Stock J.H. & M.M.Watson (2019) Introduction to Econometrics. 4e. Pearson. - Angrist J.D. & J.S. Pischke (2009) Mostly Harmless Econometrics. Princeton Univ. Press.
Additional notes

Natural and Field Experiments

Module number
MRIEB20232-03-12-M2
Course name
Natural and Field Experiments
Module coordinator
Prof. Dr. Stefan Bauernschuster

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-002	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	3

Workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Uebung 2 SWS (30 hours class instruction; 45 hours self-study) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe A: Core Courses **MIEB Version WiSe 18/19:** Modulgruppe A: Core Courses
Reference to the LPO I
Recommended prerequisites
Solid knowledge in (undergraduate) statistics/econometrics
Requirements
Language of instruction
English

Content
This course provides an introduction to applied microeconometric program evaluation and thereby creates a valuable basis for understanding a wide range of empirical work not only in economics but also in management, sociology, or political science. Understanding how specific policies/historical events/institutions affect human beings is at the very heart of empirical research in social sciences. Although these questions appear universally, the answers are complicated by the fact that the clean identification of cause and effect goes far beyond the demonstration of naive correlations. This course introduces empirical methods that explicitly aim at distinguishing naive correlation from actual causation. Among the methods discussed are fixed effects strategies, difference-in-differences approaches, instrumental variable techniques, regression discontinuity designs, and field experiments with random assignment to treatment. After a theoretical introduction to the respective

methods, seminal empirical research papers applying these methods are discussed in detail. These research papers improve our understanding of how we can apply microeconometric techniques to answer policy relevant questions in a causal way.

Table of Contents:
Chapter 1: The experimental ideal
Chapter 2: Regression, correlation, and causality
Chapter 3: Fixed effects
Chapter 4: Difference-in-differences
Chapter 5: Instrumental variables
Chapter 6: Regression Discontinuity Designs
Chapter 7: Field experiments

Intended learning outcomes (ILOs)

Students who have successfully participated in "Natural and Field Experiments" are able to
- distinguish between naïve correlations and causal effects
- recognize the importance of the clean identification of cause and effect for policy advice
- understand microeconometric techniques tailored for estimating causal effects and explain their main features and key identifying assumptions
- use this knowledge to critically evaluate the validity of the methods in a variety of applied empirical research papers and discuss them with their peers
- apply quasi-experimental methods to sample data sets and perform microeconometric analyses using Stata

Teaching methods

Classroom lecture with interactive elements (Vorlesung mit Seminarcharakter)
Uebung with tutorials and student presentations

Required attendance

Examination (type of examination, scope)

Final exam (90 minutes)
or portfolio (final exam (90 minutes) and oral presentation)

Overall grade relevance

100% final exam or 80% final exam and 20% oral presentation

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

- Angrist, J. (1998), Estimating the Labor Market Impact of Voluntary Military Service Using Social Security Data on Military Applicants, Econometrica, 66(2), 249-288.
- Angrist, J. (1990), Lifetime Earnings and the Vietnam Era Draft Lottery: Evidence from Social Security Administrative Records, American Economic Review, 80(3), 313-336.
- Angrist, J. & Krueger A. (1991), Does Compulsory School Attendance Affect Schooling and Earnings? Quarterly Journal of Economics, 106(4), 979-1014.
- Angrist, J., Pischke, J.-S. (2009), Mostly Harmless Econometrics, Princeton & Oxford: Princeton University Press .
- Angrist, J., Pischke, J.-S. (2015), Mastering Metrics, Princeton & Oxford: Princeton University Press.
- Ashenfelter, O. & Krueger, A. (1994), Estimates of the Economic Returns to Schooling from a New Sample of Twins, American Economic Review, 84(5), 1157-1173.
- Bauernschuster, S., Hener, T., Rainer, H. (2017), When Labor Disputes Bring Cities to a Standstill: The Impact of Public Transit Strikes on Traffic, Accidents, Air Pollution and Health, American Economic Journal: Economic Policy, 9 (1), 1-37.
- Becker, S. & Wößmann, L. (2009), Was Weber Wrong? A Human Capital Theory of Protestant Economic History, Quarterly Journal of Economics, 124(2), 531-596.

- Bound, J. & Solon, G. (1999), Double Trouble: On the Value of Twins Based Estimation of the Return to Schooling, Economics of Education Review, 18, 169-182.
- Card, D. & Krueger, A.B. (1994), Minimum Wages and Employment: A Case Study of the Fast-Food Industry in New Jersey and Pennsylvania, American Economic Review, 84(4), 772-793.
- Card, D. & Krueger, A.B. (2000), Minimum Wages and Employment: A Case Study of the Fast-Food Industry in New Jersey and Pennsylvania: Reply, American Economic Review, 90(5), 1397-1420.
- Cunningham, S. (2021), Causal Inference: The Mixtape, New Haven: Yale University Press.
- Fairlie, R., London, R. (2012), The Effects of Home Computers on Educational Outcomes: Evidence from a Field Experiment with Community College Students, Economic Journal, 122(561), 727-753.
- Goodman-Bacon, A. (2021), Difference-in-Differences with Variation in Treatment Timing, Journal of Econometrics, 225(2), 254-277.
- Harrison, G., List, J. (2004), Field Experiments, Journal of Economic Literature, 42(4), 1009-1055.
- Havnes, T., Mogstad, M. (2011), Money for Nothing? Universal Child Care and Maternal Employment, Journal of Public Economics, 95(11-12), 1455– 1465.
- Imbens, G., Lemieux, T. (2008), Regression Discontinuity Designs: A Guide to Practice, Journal of Econometrics, 142- 615-635.
- Lalive, R. (2008), How do Extended Benefits Affect Unemployment Duration? A Regression Discontinuity Approach, Journal of Econometrics, 142, 785-806.
- Lalive, R., Zweimüller, J. (2009), Does Parental Leave Affect Fertility and Return-to-Work? Evidence from Two Natural Experiments, Quarterly Journal of Economics, 24(3), 1363-1402.
- LaLonde, R. (1986), Evaluating the Econometric Evaluation of Training Programs with Experimental Data, American Economic Review, 76(4), 604- 620
- Lemieux, T., Milligan, K. (2008), Incentive Effects of Social Assistance: A Regression Discontinuity Approach, Journal of Econometrics, 142, 807- 828.
- Levitt, S., List, J. (2009), Field Experiments in Economics: The Past, the Present, and the Future, European Economic Review, 53(1), 1-18.
- List, J. (2006), Field Experiments: A Bridge between Lab and Naturally Occurring Data, Advances in Economic Analysis & Policy, 6(2), Art.8.
- List, J. (2011), Why Economists Should Conduct Field Experiments and 14 Tips for Pulling One Off, Journal of Economic Perspectives, 25(3), 3-16.
- Miguel, E., Kremer, M. (2004), Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities, Econometrica, 72(1), 159-217.
- Nakagawa, A., Grunebaum, M., Ellis, S., Oquendo, M., Kashima, H., Gibbons, R., Mann, J. (2007), Association of Suicide and Antidepressant Prescription Rates in Japan, 1999–2003, Journal of Clinical Psychiatry, 68(6), 908-916.
- Sun, L. & Abraham, S. (2021), Estimating Dynamic Treatment Effects in Event Studies with Heterogeneous Treatment Effects, Journal of Econometrics, 225(2), 175-199.
- Yeh, R., Valsdottir, L., Yeh, M., Shen, C., Kramer, D., Strom, J., Secemsky, E., Healy, J. Domeier, R., Kazi, D., Nallamothu, B. (2018), Parachute Use to Prevent Death and Major Trauma when Jumping from Aircraft: Randomized Controlled Trial, British Medical Journal, 363:k5094.

Additional notes

Exam question can be answered in English or German

Fundamentals of International Trade

Module number
MRIEB20232-03-12-M3
Course name
Fundamentals of International Trade
Module coordinator
Prof. Dr. Sebastian Krautheim

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-003	5	2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture: 2 SWS (30 hours of attendance and 45 hours of independent study time) Exercise class: 2 SWS (30 hours of attendance and 45 hours of independent study time) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe A: Core Courses **MIEB Version WiSe 18/19:** Modulgruppe A: Core Courses
Reference to the LPO I
Recommended prerequisites
Solid knowledge of undergraduate (Bachelor-level) Microeconomics is recommended.
Requirements
Language of instruction
English

Content
Both theoretical and empirical research on international trade has surged in the last two decades. All these recent developments are deeply rooted in two fundamental and analytically very tractable models of international trade like, for example, the basic two-country-two-goods Ricardian model and the model by Krugman (1980). One of the main objectives of this module will be to put students in a position to solve such models analytically and to deepen their understanding of economic modeling in general. More recent state of the art models are covered on an intuitive basis. Standard empirical tools like, for example, gravity estimation are introduced in this module. Moreover, criteria for a critical evaluation of models in economics are developed.
Intended learning outcomes (ILOs)
Students who have successfully participated in the module "Fundamentals of International Trade"

- explain the key quantitative patterns of international trade flows; assumptions and mechanics of some major fundamental theories of International Trade as well as the main features of theoretical and empirical gravity analysis.
- interpret recent developments in international trade flows in the light of these theories and how recent state-of-the-art models can better account for them.
- perform, where appropriate, a complete analytical (algebraic) analysis (under autarky and trade) of the models' general equilibrium.
- illustrate how the models can be used to make predictions on the effects of trade liberalizations as well as the introduction of impediments to trade like tariffs or non-tariff trade barriers.
- assess pros and cons of different modeling assumptions as well as the appropriateness of different estimation approaches for the empirical analysis of international trade flows.
- develop suggestions for the modification of the existing models to accommodate relevant issues as well as criteria for a critical evaluation of the models covered against the background of current debates.

Teaching methods

Lecture and exercise classes taught in English.

Required attendance

Examination (type of examination, scope)

Written exam, 90 min., 100%

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

This course provides the basis for further courses related to International Trade and Globalization like "The Empirics of International Trade" and "Advanced International Trade".

Micro Development Economics

Module number
MRIEB20232-03-12-M4
Course name
Micro Development Economics
Module coordinator
Prof. Dr. Michael Grimm

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-004	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture 2 SWS (28 h Contact hours and 48 h Self study) Tutorial 2 SWS (24 h Contact hours and 24 h Self study) Exam Preparation (2 h Contact hours and 24 h Self study) We are calculating with 15 semester weeks (14 lecture + 1 examination week). Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe A: Core Courses **MIEB Version WiSe 18/19:** Modulgruppe A: Core Courses
Reference to the LPO I
Recommended prerequisites
An understanding of intermediate micro and macro-economics and basic econometrics is required. Prior knowledge in development economics is an advantage. Students without any prior knowledge in development economics may read the books by either Perkins (2012), Ray (1998) or Todaro and Smith (2006) (see course book for details).
Requirements
Language of instruction
English

Content
This course is motivated by the idea that development requires a transformation in economic processes and changes in the underlying micro structures of a country so that the development potential of a country may be released. Accordingly, the aim of this course is to study and analyse households, firms and institutions engaged in the process of economic development. The course will rely mainly on micro economic analysis to study the interactions between these various agents. The course is broadly conceived and will draw on material from neoclassical economics, institutional economics, and behavioural/experimental economics.

The course will introduce students to current debates and research in the microeconomics of development and examine the role of market imperfections, market failure and non-market institutions in shaping decisions. For example, the decision to attend school or to work may depend on credit constraints, the social and cultural environment in which households are located and investments made by the government in the Availability and quality of schooling. The source of market imperfections, and the evolution of various non-market and governance institutions may in turn depend on various factors (e.g., history, location, factor endowments), which can help provide explanations of development or the lack of it.

Current research in this area blends theoretical models and empirical application. Accordingly, the course will draw on both types of work and will be divided into three broader blocks.

Intended learning outcomes (ILOs)

Students who have successfully participated in the Module "Micro Development Economics"
- understand the role of incentives and institutions in driving economic growth, reducing inequality and poverty, enhancing human development.
- apply advanced micro-economic theory to real world problems of development.
- assess and analyze the relevant economic and non-economic relations underlying the response of different agents such as individuals, households, firms, and government to processes of change.
- explain various methods to test micro-economic models empirically.
- interpret the findings from evaluations of targeted policy interventions and quasi-experiments.

Teaching methods

This lecture is organised in a set of lectures and tutorials (Übungen). Students are explicitly invited to actively participate in the lecture through questions and input for discussion. In the tutorials students solve set problems in relation to the lecture. In addition, students are invited to indicate those parts of the course for which they need additional training. This may refer to a particular theoretical model, an empirical method or a certain debate in development politics. Readings are essential to prepare the class and the exam.

Required attendance

Examination (type of examination, scope)

Written exam 90 min

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

General background readings:
- Banerjee, A.V. and E. Duflo (2005), Growth Theory through the Lens of Development Economics. In Philippe Aghion and Steven Durlauf (eds.), Handbook of Economic Growth, edition 1, volume 1, chapter 7, pages 473-552 Elsevier. A working paper version can be downloaded at: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=651483
- Banerjee, A.V. and E. Duflo (2011), Poor Economics, Penguin Books.
- Bardhan, P. and C. Udry (1999), Development Microeconomics. Oxford University Press: Oxford.
- Basu K. (1997), Analytical Development Economics, Cambridge: MIT Press.
- De Janvry, A. and E. Sadoulet (2016), Development Economics. Theory and Practice. Routledge, London.

- Fafchamps, M. (2003), Rural Poverty, Risk and Development. Edward Elgar Publishing, Cheltenham.
- Platteau, J.P. (2000), Institutions, social norms and economic development. Harwood Academic Publishers.
- Perkins, D.H., S. Radelet, D.L. Lindauer and S.A. Block (2012), Economics of Development, Norton & Company.
- Ravallion, M. (2001), The Mystery of the Vanishing Benefits: An Introduction to Impact Evaluation.
- World Bank Economic Review 15 (1): 115-140. [Download: http://www.eclac.cl/ilpes/noticias/paginas/2/40352/ravallion__mystery_2001.pdf]
- Ray D. (1998), Development Economics. Princeton University Press: Princeton.
- Todaro M.P. and S.C. Smith (2006), Economic Development. 9th edition (or newer), Pearson: Essex.
- "Economic Development" by Michael P. Todaro and Stephen C. Smith is available as an e-book in our university library. You can also use this direct link: https://elibrary.pearson.de/book/99.150005/9781292291208

Additional notes

Advanced Macroeconomics

Module number
MRIEB20232-03-12-M5
Course name
Advanced Macroeconomics
Module coordinator
Prof. Dr. Johann Graf Lambsdorff

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-004	5	4
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture: 2 SWS, attendance time (in hours) = 30, working time (in hours) = 45. Tutorial: 2 SWS, attendance time (in hours) = 30, working time (in hours) = 45.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe A: Core Courses **MIEB Version WiSe 18/19:** Modulgruppe A: Core Courses
Reference to the LPO I
Recommended prerequisites
Basic knowledge in microeconomics and macroeconomics recommended.
Requirements
Language of instruction
English

Content
The lecture presents state-of-the-art macroeconomic models based on micro-founded methods of dynamic optimization and pricing, related to Calvo pricing, the Phillips-curve, lifecycle consumption, the Taylor rule, the zero-lower bound and the term structure of the interest rate. It employs experimental games in class to detect behaviorally founded limitations to these models (higher-order beliefs, myopia …). Students learn to analyze macroeconomies and related policies and to recommend policies for governments as well as financial investment decisions for the private sector. Table of Contents: - The Business Cycle   - Monetary Policy   - Fiscal Policy   - Inflation and the Phillips Curve

• The Term Structure of Interest Rates • Policy Failures and the Liquidity Trap

Intended learning outcomes (ILOs)
Students who have participated in the module "Advanced Macroeconomics", • describe macroeconomic relationships between output, output gap, consumption, savings, investment, employment, inflation and interest rates at an advanced level, • use real-world data on these variables and interpret them in a macroeconomic context, • combine aggregates and interpret them within the framework of advanced formal mathematical models • evaluate the adequacy of current macroeconomic policy measures • theorize about the effects of shocks and economic policy measures at the frontier of current research, • produce recommendations for economic policy measures.

Teaching methods
Lecture + Tutorial Classroom lecture with interactive elements. Students write 4 out of 5 (300-word) policy briefs during the semester, in which they apply the Content of each chapter to a current topic in politics and finance.

Required attendance

Examination (type of examination, scope)
60 % final exam (60 minutes), 40% short policy briefs

Overall grade relevance

Exam resit opportunities
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

Advanced Microeconomics (Game Theory)

module number
MRIEB20232-XX-M6
Course name
Advanced Microeconomics
module coordinator
Prof. Dr. Stefan Bauernschuster / Dr. Benedikt Janzen

examination number	credit points (ECTS)	hours per week (SWS)
XX-VL-006	5	2+2
availability	**duration**	**recommended semester**
Winter semester	1 semester	1

workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Uebung 2 SWS (30 hours class instruction; 45 hours self-study) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
module applicability
MIEB Version WiSe 23/24: Modulgruppe A: Core Courses **MIEB Version WiSe 18/19:** Modulgruppe A: Core Courses
reference to the LPO I
recommended requirements
Solid knowledge in (undergraduate) microeconomics
obligatory requirements
language
English

content
This course provides students with the core elements of microeconomic theory. We start by studying consumer theory including welfare evaluation. In this part of the module, we assume that choices result in perfectly certain outcomes. We relax this assumption in the second part of the course, when we analyze choice under uncertainty. We finally focus on game theory, where we apply what we learn in choice under uncertainty to the study of simultaneous- and dynamic-games. Although the focus of the course is theoretical, empirical applications of the models will also be discussed. Table of contents: Chapter 1: Preferences, utility and choices Chapter 2: Consumer preferences and utility

Chapter 3: Consumer choice Chapter 4: Duality Chapter 5: Substitution and wealth effects Chapter 6: Welfare evaluation Chapter 7: Choice under uncertainty Chapter 8: Non-cooperative game theory: Basic elements Chapter 9: Simultaneous-move games Chapter 10: Dynamic games of complete information Chapter 11: Repeated games
intended learning outcomes (ILOs)
Students who have successfully participated in this module are be able to • demonstrate a comprehensive understanding of the key elements of microeconomic theory including the concepts, assumptions and mechanics of consumer theory, choice under uncertainty and game theory • comment critically on the limitations of these theories • assess how they can be applied to real-world situations
teaching methods
Classroom lecture with interactive elements (Vorlesung mit Seminarcharakter) Uebung with tutorials and student presentations
required attendance
examination (type of examination, scope)
Final exam (90 minutes)
overall grade relevance
100% final exam
possibility of retake exam
reading list
• Mas-Colell, A., Whinston, M. D. and Green, J. R. (1995), Microeconomic Theory, Oxford University Press. • Muñoz-Garcia, F. (2017) Advanced Microeconomic Theory. An Intuitive Approach with Examples, MIT-Press. • Espinola-Arredondo, A., & Muñoz-Garcia, F. (2023). Game Theory: An Introduction with Step-by-step Examples, Springer
additional notes
Exam question must be answered in English

Modulgruppe B: Advanced Methods

Topics in Applied Econometrics

Module number
MRIEB20232-03-13-M7
Module title
Topics in Applied Econometrics
Module coordinator
Prof. Dr. Harry Haupt, Prof. Dr. Joachim Schnurbus

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-13-VL-007	5	2+2
Availability	**Duration**	**Recommended semester**
Usually every summer term	1 semester	2/4

Workload
Lecture 2 SWS (28 h Contact hours and 28 h Self-study) and Tutorial 2 SWS (28 h Contact hours, 28 h Self-study). We are calculating with 15 semester weeks (Lecture, Tutorial and Exam). Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
An understanding of introductory statistics including inferential methods and regression analysis and test methods on bachelor level. Basic knowledge of R statistical software is an advantage.
Requirements
Language of instruction
English

Content
This module covers a selection (usually divided in three to four blocks) of fundamental research methods and techniques in applied econometrics. Topics included are: Maximum-Likelihood estimation and inference (for specification tests and various fields of microeconometric applications), advanced applications of least squares and GMM (for modeling heterogeneity and endogeneity in empirical practice), smoothing methods such as kernel and spline regression, robust inferential methods such as quantile regression and their interpretation, machine learning methods (and their applications in econometrics), and simulation-based methods (such as Bootstrap-, Monte Carlo-, and Bayesian techniques).

Intended learning outcomes (ILOs)
Students who have successfully completed the module: • develop a basic understanding of some of the core methods of applied econometrics. • are able to reflect the underlying elementary mathematical foundations and corresponding assumptions of estimation and inference for the covered techniques, while developing an awareness of potential pitfalls in empirical practice. • can implement the methods in the statistical software R, apply the methods to empirical datasets and are able to provide economic interpretations and critically reflect the modeling results.
Teaching methods
Interactive frontal teaching and discussion of the course content. Teaching of theoretical principles and illustration by examples in lecture and tutorial. Weekly (accessible) lecture and exercise materials and required literature. Some of the tutorials are hands-on using the open-source statistical software R. Students are explicitly invited to play an active role in lectures and tutorials through questions and input for discussions. Additionally, students are invited to indicate those parts of the course for which they need additional training. Readings are essential to prepare the class and the exam.
Required attendance
Examination (type of examination, scope)
Portfolio, consisting of two parts: •   Part 1 (1/3): Short presentation of (a part of) a scientific paper or an application. •   Part 2 (2/3): Oral (online) exam or performance assessment at home.
Overall grade relevance
One overall grade, 100%
Exam resit opportunities
Recommended reading
Among others and depending on the selection of topics: Angrist, J.D. & Pischke J.-S. (2009); Mostly Harmless Econometrics, Princeton. Cameron, C.A. & Trivedi, P.K. (2005), Microeconometrics: Methods & Applications, Cambridge. Franses, P.H., van Dijk, D. & A. Opschoor (2014), Time Series Models for Business and Economic Forecasting, Cambridge. Kleiber, C. & Zeileis, A. (2008), Applied Econometrics with R, Springer. Verbeek, M.. (2017), A Guide to Modern Econometrics, 5e, Wiley
Additional notes

Multivariate Verfahren/Paneldatenanalyse (deutschsprachig)

Modulnummer
MRIEB20232- XX-M16
Veranstaltungstitel
Multivariate Verfahren
Modulverantwortliche/r Prüfer*innen
Prof. Dr. Joachim Schnurbus

Prüfungsnummer	ECTS	SWS
XX-VL-016	5	4
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
Wintersemester	1 Semester	1

Workload
4 SWS, davon ca. 3 SWS Vorlesung, ca. 1 SWS Übung. Dies entspricht 57 St. Präsenzzeit und 93 St. Eigenarbeitszeit. Es wird mit 15 Semesterwochen gerechnet (14 Vorlesungs- + 1 Prüfungswoche) und jede SWS geht mit 60 Minuten in die Berechnung ein.
Verwendbarkeit
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Bezug zur LPO I
Empfohlene Voraussetzungen
Grundlegende Mathematik- und Statistik-Kenntnisse.
Verpflichtende Voraussetzungen
Unterrichtssprache
Deutsch

Inhalte
Multivariate Verfahren sind ein wichtiger Bestandteil in der empirischen Forschungspraxis, unter anderem im Bereich der Marktforschung. In diesem Modul werden grundlegende Analysetechniken für multivariate Datenstrukturen sowie deren theoretische Fundierung behandelt. Neben einer Einführung in die Grundlagen multivariater Analysemethoden umfasst das Modul folgende Themengebiete: • Hauptkomponentenanalyse • Regressionsanalyse • Faktorenanalyse • Varianzanalyse • Diskriminanzanalyse • Clusteranalyse

Lernergebnisse Lernziele
Studierende, die erfolgreich an dem Modul teilgenommen haben: • sind in der Lage, Fragestellungen, Anwendungsfelder und Potenziale von multivariaten statistischen Verfahren zu erkennen. Sie verstehen die grundlegenden strukturentdeckenden Verfahren (wie Clusteranalyse) und grundlegenden strukturprüfenden Verfahren (wie Regressionsanalyse) und deren Annahmen. • können die Verfahren anwenden und kombinieren, sowie Modellschätzungen und Hypothesentests durchführen und analysieren. • können Berechnungen, die mit der Statistiksoftware R erzeugt wurden, reproduzieren und den zugehörigen R-Code interpretieren. • sind in der Lage, empirische Ergebnisse kritisch zu bewerten und weiterführende Literatur zu den Verfahren zu verstehen und zu diskutieren.
Lehr- und Lernformen
Interaktiver Frontalunterricht und Diskussion von Lehrinhalten. Vermittlung der theoretischen Grundlagen und Illustration anhand von Beispielen in der Vorlesung und Übung. Berechnen und besprechen von Übungsaufgaben. Anwenden der Statistiksoftware R (R-Vorkenntnisse werden nicht vorausgesetzt). Barrierefreie Vorlesungs- und Übungsmaterialien, Pflichtliteratur sowie Software sind ab Kursstart verfügbar.
Anwesenheitspflicht
Prüfungsleistung (Prüfungsform, Umfang)
Klausur oder häusliche Leistungsfeststellung (60 Min.), oder mündliche (Online-)Prüfung.
Gesamtnotenrelevanz
100 %
Wiederholungsmöglichkeit
Literatur
• Handl, A. & T. Kuhlenkasper (2017), Multivariate Analysemethoden, Springer. • Johnson, R.A. & D.W. Wichern (2007), Applied Multivariate Statistical Analysis, Pearson Prentice Hall. • Ligges, U. (2008), Programmieren mit R, Springer. • Kleiber, C. & A. Zeileis (2008), Applied Econometrics with R, Springer.
Weitere Hinweise

Multivariate Verfahren/Paneldatenanalyse (deutschsprachig)

Modulnummer
MRIEB20232-XX-M16
Veranstaltungstitel
Paneldatenanalyse
Modulverantwortliche*r / Prüfer*innen
Prof. Dr. Harry Haupt, Dr. Markus Fritsch

Prüfungsnummer	ECTS	SWS
XX-VL-016	5	2+2
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
Jedes Sommersemester	1 Semester	2

Workload
Vorlesung 2 SWS (30 St. Präsenzzeit und 45 St. Eigenarbeitszeit) und Übung 2 SWS (30 St. Präsenzzeit und 45 St. Eigenarbeitszeit). Es wird mit 15 Semesterwochen gerechnet (Vorlesung, Übung und Prüfung) und jede SWS geht mit 60 Minuten in die Berechnung ein.
Verwendbarkeit
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Bezug zur LPO I
Empfohlene Voraussetzungen
Kenntnis der Inhalte von „Econometric Methods". Dies umfasst eine detaillierte Kenntnis des multiplen linearen Regressionsmodells für Querschnittsdaten (OLS-Schätzung, Tests sowie entsprechende zugrundeliegende Annahmen, Projektionsmatrizen) sowie solide Kenntnisse im Umgang mit der Statistiksoftware R. Kenntnisse von Modellen für Zeitreihendaten sind hilfreich, werden jedoch nicht vorausgesetzt.
Verpflichtende Voraussetzungen
keine
Unterrichtssprache
Deutsch

Inhalte
Zentraler Gegenstand des Moduls ist die Schätzung von Regressionsmodellen für Paneldaten. Hierbei werden neben grundlegenden Schätzverfahren und Fehlerkomponentenmodellen unter anderem die Fixed-Effects- und Random-Effects-Schätzung behandelt. Weitere Kursinhalte sind dynamische Paneldatenmodelle sowie Test- und Prognoseverfahren für Paneldaten (Stichwort: Best linear unbiased prediction). Die Vermittlung der Kursinhalte erfolgt in Form von Modelltheorie und Anwendung sowie mittels Besprechung und Diskussion ausgewählter Literatur. Die Inhalte werden auch anhand von Beispielen in der Statistiksoftware R veranschaulicht.

Lernergebnisse Lernziele
Nach erfolgreicher Teilnahme am Modul sind die Studierenden in der Lage: • Fragestellungen, Anwendungsfelder und Potenziale von Panelmodellschätzungen zu erkennen. • die zentralen Annahmen für statische und dynamische Panelmodellschätzer erläutern und kritisch reflektieren. • geeignete Schätzverfahren für Paneldaten auf Basis der zugrundeliegenden Modelltheorie auszuwählen. • statische und dynamische Panelmodellschätzungen in der Statistiksoftware R implementieren und die Schätzergebnisse interpretieren zu können. • Hypothesen- und Modellspezifikationstests für Panelmodellschätzer anzuwenden und deren Ergebnisse einzuordnen und kritisch zu reflektieren. • aktuelle Literatur zu lesen, zu verstehen und zu diskutieren.
Lehr- und Lernformen
Interaktiver Frontalunterricht und Diskussion von Lehrinhalten. Vermittlung der theoretischen Grundlagen und Illustration anhand von Beispielen in der Vorlesung und Übung. Die Theorie wird auch durch Beispiele in der Statistiksoftware R veranschaulicht. Wöchentliche Vorlesungs- und Übungsmaterialien sowie Pflichtliteratur.
Anwesenheitspflicht
Prüfungsleistung (Prüfungsform, Umfang)
Schriftliche Prüfung oder häusliche Leistungsfeststellung (60 Minuten) oder mündliche (Online-)Prüfung
Gesamtnotenrelevanz
100%
Wiederholungsmöglichkeit
Literatur
Basisliteratur (andere Auflagen dieser Bücher sind ebenfalls verwendbar): - Wooldridge, J.M. (2019), Introductory Econometrics, 7A, Thomson South-Western. - Stock, J.H. und M.W. Watson (2019), Introduction to Econometrics, 4A, Pearson. - Greene, W.H. (2019), Econometric Analysis, 8A., Pearson. Weiterführende Literatur: - Baltagi, B.H. (2021), Econometric Analysis of Panel Data, 6A., Wiley. - Wooldridge, J. (2010), Econometric Analysis of Cross Section and Panel Data, 2A, MIT Press. - Arellano, M. (2004), Panel Data Econometrics, Oxford University Press. - Angrist, J.D. und J.-S. Pischke (2009), Mostly Harmless Econometrics, Princeton University Press.
Weitere Hinweise
Die Theorie wird auch anhand von Beispielen in der Statistiksoftware R illustriert.

Fundamentals of Business Analytics

Module number
MRIEB20232-XX-M17
Course name
Fundamentals of Business Analytics
Module coordinator
Prof. Dr. Harry Haupt, Prof. Dr. Dirk Totzek, PD Dr. Joachim Schnurbus, Prof. Dr. Marc Goerigk

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-017	5	5
Availability	**Duration**	**Recommended semester**
Every semester	Block	1

Workload
5 SWS (150h of own work)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
Basic knowledge in quantitative methods at the level of a management-oriented or economics-oriented bachelor's degree
Requirements
None
Language of instruction
English

Content

Data Literacy (i.e., competencies in Data Analytics and Data-Driven Decision Making) and Mathematical Literacy (i.e., the fundamentals in Mathematics and Statistics) form a fundamental framework of modern management. These core competencies are refreshed and strengthened in this course. The course covers four subject areas:
1) Fundamentals of Mathematics:
   Sums, products, sets, linear equations, inequalities
   Calculus (functions, limits, derivatives and integration)
   Linear algebra (matrix algebra and systems of linear equations)
2) Fundamentals of Statistics
   Random variables and stochastic modeling
   Estimation and test theory
   Regression modeling

3) Fundamentals of Management Science
    Modeling of optimization problems
    Introduction to algorithms, heuristics and metaheuristics
    Linear programming
4) Fundamentals of Empirical Research Methods
    Business research process
    Primary and secondary data collection methods
    Hypothesis testing

Intended learning outcomes (ILOs)

Students who have successfully participated in the module "Fundamentals of Business Analytics" are able to

identify appropriate quantitative methods to address questions and challenges in modern data-driven management,

are able to reflect on the underlying elementary mathematical, statistical, optimization foundations and on the corresponding empirical research process,

apply the methods and interpret the result from a management or economic perspective.

Teaching methods

E-learning/online course with supporting live sessions
Intensive block course at the beginning of the semester (~ 4 weeks)
individual learning organization, based on knowledge and competencies identified in the placement test

Required attendance

Examination (type of examination, scope)

Portfolio examination. The final grade depends on the successful completion of e-assessments qualifying in all four subject areas of the course.

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

Online course

Seminar Applied Statistics

Module number
MRIEB20232-XX-M18
Module title
Applied Statistics (Master Seminar)
Module coordinator
Prof. Dr. Harry Haupt, Prof. Dr. Joachim Schnurbus

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-SE-018	7	2
Availability	**Duration**	**Recommended semester**
Usually in summer semester	1 semester	4

Workload
Seminar 2 SWS (30 hrs. attendance and 180 hrs. self-study). The calculation is based on 15 semester weeks and each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
According to the study & examination regulations for the respective degree. Completion of courses in the field of statistics/mathematics/data science prior to the seminar is recommended.
Requirements
The theoretical foundations and computer-based applications of statistical methods as well as the interpretation of the empirical results obtained is a core competence in various professional fields. In this module, these core competencies are trained and further developed by systematical deepening selected techniques of scientific work in the context of statistics and data analytics. The thematic focus of the seminar varies and covers a wide range of topics in theoretical and applied statistics and econometrics.
Language of instruction
English

Content
The theoretical foundations and computer-based applications of statistical methods as well as the interpretation of the empirical results obtained is a core competence in various professional fields. In this module, these core competencies are trained and further developed by systematical deepening selected techniques of scientific work in the context of statistics and data analytics. The thematic focus of the seminar varies and covers a wide range of topics in theoretical and applied statistics and econometrics.

Intended learning outcomes (ILOs)
Students who have successfully completed the module "Applied Statistics (Master's Seminar)" are able • to outline the state of the relevant scientific literature on their chosen topic. • to present the main results of their work taking into account general scientific aspects (e.g. scientific writing and presentation, literature research and handling of sources, time management, general organization of scientific work) as well as subject-specific aspects (e.g. design of data simulations, use of specific databases, journals and methods). • to conduct an analysis along their selected core literature and justify the focus and structure of the term paper and presentation. • to evaluate the advantages and disadvantages of the different approaches in the literature and how they contribute to a better understanding of the topic, using theoretical or empirical arguments. • to develop starting points for the introduction of novel issues and research questions into the literature at the frontier.
Teaching methods
Seminar. Writing, presenting and discussing seminar paper.
Required attendance
Examination (type of examination, scope)
Seminar paper with approximately 15 pages of text. Presentation of about 30 minutes, including 10 minutes discussion. Both performances enter the grade (seminar paper: 70%, presentation: 30%).
Overall grade relevance
One overall grade, 100%
Exam resit opportunities
Recommended reading
Core literature depends on the thematic focus of the seminar and will be announced prior to the seminar. Students are expected to provide further literature.
Additional notes

Advanced Data Analytics

Module number
MRIEB20232-03-13-M8
Course name
Advanced Data Analytics
Module coordinator
Prof. Dr. Harry Haupt, Dr. Markus Fritsch

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-13-VL-008	5	2+2
Availability	**Duration**	**Recommended semester**
Usually every winter semester	1 semester	3.

Workload
Lecture 2 SWS (28 h Contact hours and 28 h Self-study) and Tutorial 2 SWS (28 h Contact hours, 28 h Self-study). We are calculating with 15 semester weeks (Lecture, Tutorial, and Exam). Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
Basic understanding of calculus and matrix algebra, introductory statistics including inferential methods, regression analysis, and testing methods. Basic knowledge of statistical software *R* is an advantage.
Requirements
Language of instruction
English

Content
This module covers key state of the art techniques in statistical learning/machine learning. The emphasis of the course is on techniques from supervised learning in the context of regression modeling. The following content is covered: Fundamental concepts (bias-variance trade-off, curse of dimensionality, flexibility vs. interpretability, resampling techniques), key building blocks (parametric polynomials, spline-regression, tree-based modeling), and frequently employed algorithms (lasso, backfitting, random forest, boosting). Prediction and inference are discussed. Selected applications are used to motivate the different algorithms.
Intended learning outcomes (ILOs)
Students who have successfully completed the module are able to: • explain and reflect the main principles and key assumptions of the covered techniques.

- choose suitable and problem-adequate modeling approaches in the context of supervised learning.
- implement the approaches in the statistical software R.
- develop and evaluate predictive models for particular applications.
- interpret and critically assess the modeling results.
- discuss selected considerations regarding inference for predictive models and implement the approaches.

Teaching methods

Interactive frontal teaching and discussion of the course content. Teaching of theoretical principles and illustration by examples in lecture and tutorial. Weekly (accessible) lecture and exercise materials and required literature. Some of the tutorials are hands-on using the open-source statistical software R. Students are explicitly invited to play an active role in lectures and tutorials through questions and input for discussions. Readings are essential to prepare the class and the exam.

Required attendance

Examination (type of examination, scope)

Written exam or performance assessment at home (60 minutes)
or oral (online) exam

Overall grade relevance

100%

Exam resit opportunities

Recommended reading

Hastie, T., R. Tibshirani, R., and J. Friedman (2017), The Elements of Statistical Learning, 2A, Springer.
James, G., Witten, D., Hastie, T., and R. Tibshirani (2023), An Introduction to Statistical Learning, 2A, Springer.
Kuhn, M. and K. Johnson (2013), Applied Predictive Modeling, Springer.
Efron, B. and T. Hastie (2016), Computer Age Statistical Inference: Algorithms, Evidence, and Data Science, Cambridge University Press.

Additional notes

Computational Statistics – Regression in R

Module number
MRIEB20232-XX-M9
Course name
Computational Statistics – Regression in R
Module coordinator
Prof. Dr. Joachim Schnurbus

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-009	3	2
Availability	**Duration**	**Recommended semester**
Every winter semester; if possible every semester	1 semester (or block course)	

Workload
Computer lectures and exercises: 30 hrs. attendance and 60 hrs. self-study The calculation is based on 15 semester weeks (14 lectures + 1 examination week) and each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
The course aims at students with a basic knowledge in statistics and complements some of the topics treated in 'Methods in Econometrics'.
Requirements
Language of instruction
English

Content
The course focuses on estimating and evaluating regression models with the statistical software R. Model evaluation procedures discussed in class range from graphical methods, classic validation techniques and tests to simulation-based approaches. The course includes model selection (i.e., finding the best model from a large number of possible models), model validation (i.e., checking whether the presumed best specification satisfies the model assumptions), and model interpretation (for linearly and/or nonlinearly transformed variables). Additionally, different data structures such as cross-sections, time series, and panel data are shortly discussed.
Intended learning outcomes (ILOs)
Students who have successfully passed the module: • are able to perform and interpret a regression analysis in the statistical software R.

• have the skill to select an appropriate statistical model, critically judge the validity of a model and in detail interpret the estimation results in order to provide decision support.   • are able to create Monte Carlo-simulations in order to perform a simulation-based assessment of statistical methods or models.   • understand statistical tests and can select, apply, and interpret the appropriate tests in regression context.

Teaching methods
Interactive frontal teaching and discussion of the R-Codes. Exercises that are worked on independently in R and then discussed together. Students are expected to deepen their knowledge by completing self-contained R-exercises. Accessible lecture and exercise materials and required literature.

Required attendance

Examination (type of examination, scope)
Exam or performance assessment at home (60 minutes) or portfolio.   R-skills are certified via a certificate when the exam is passed.

Overall grade relevance
100%

Exam resit opportunities

Recommended reading
- Kleiber, C. & A. Zeileis (2008), Applied Econometrics with R, Springer.   - Field, A. & Miles, J. & Field, Z. (2012), Discovering Statistics using R, SAGE.   - Wooldridge, J. (2013), Introductory Econometrics, 5Ed., South Western.   - Greene, W.H. (2012), Econometric Analysis, Pearson.   - Ligges, U. (2008), Programmieren mit R, Springer.

Additional notes

Computational Statistics – Statistical Learning in R

Module number
MRIEB20232-XX-M10
Course name
Computational Statistics – Statistical Learning in R
Module coordinator
Prof. Dr. Joachim Schnurbus

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-010	3	2
Availability	**Duration**	**Recommended semester**
Every summer semester, if possible every term.	1 semester (or block course)	2

Workload
Computer lectures and exercises: 30 hrs. attendance and 60 hrs. self-study The calculation is based on 15 semester weeks (14 lectures + 1 examination week) and each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
The course aims at students with a basic knowledge in statistics (especially regression methods) and basic knowledge of R (e.g. via 'Computational Statistics – Regression in R').
Requirements
Language of instruction
English

Content
Statistical Learning sums up methods from computational statistics that are designed to deal with high dimensional, complex large-scale data sets. Various topics that facilitate modeling of and gaining a deeper insight into these data sets are introduced. Supervised (classification and regression) and unsupervised statistical learning techniques (like neural nets, boosting, clustering) are presented, discussed, and applied. Further topics comprise preprocessing (transformation of variables), resampling (cross-validation, bootstrapping), meta-parameter selection, model evaluation.
Intended learning outcomes (ILOs)
Students who have successfully passed the module: • are able to apply and interpret unsupervised and supervised learning methods in the statistical software R.

• have the skill to select a problem-adequate statistical learning method, to configure and employ the corresponding R-functions, to critically judge the validity of the outcomes, and to interpret the results in order to provide decision support.
• will be able to relate to recent literature on statistical learning.

Teaching methods

Interactive frontal teaching and discussion of the R-Codes. Exercises that are worked on independently in R and then discussed together. Students are expected to deepen their knowledge by completing self-contained R-exercises. Accessible lecture and exercise materials and required literature.

Required attendance

Examination (type of examination, scope)

Exam or performance assessment at home (60 minutes) or portfolio.
R-skills are certified via a certificate when the exam is passed.

Overall grade relevance

100%

Exam resit opportunities

Recommended reading

- Kuhn, M. & Johnson, K. (2013), Applied Predictive Modeling, Springer.
- Hastie, T., Tibshirani, R. & Friedman, J. (2009), The Elements of Statistical Learning: Data Mining, Inference, and Prediction, 2Ed., Springer.
- Efron, B., Hastie, T. (2016), Computer Age Statistical Inference, Cambridge University Press.
- Torgo, L. (2017), Data Mining with R: Learning with Case Studies, 2Ed., CRC Press.
- James, G., Witten, D., Hastie, T & Tibshirani, R. (2015), An Introduction to Statistical Learning: with Applications in R, Springer.

Additional notes

Behavioral Game Theory

Module number
MRIEB20232-XX-M11
Course name
Behavioral Game Theory
Module coordinator
Dr. Kevin Grubiak, Prof. Dr. Johann Graf Lambsdorff

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-011	5	4
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture: 4 SWS, attendance time (in hours) = 60, self-work time (in hours) = 90.
Module applicability
MIEB Version WiSe 23/24:   Modulgruppe B: Advanced Methods   **MIEB Version WiSe 18/19:**   Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
Knowledge in (advanced) microeconomics and/or game theory recommended.
Requirements
Language of instruction
English

Content
The module analyses the influence of non-standard preferences (fairness, inequality and reciprocity) on human behavior by help of ultimatum and trust games. It introduces to non-standard decision-making and non-standard expectations in order to understand systematic errors in a variety of games, ranging from zero-sum games with mixed strategy equilibria, bargaining games, dominance-solvable games such as the beauty contest and dirty faces game, coordination games and the role of communication. The lecture will be given in English.
Intended learning outcomes (ILOs)
Students who have participated in the module " Behavioral Game Theory",   • recognize standard concepts in game theory such as roles, stages, strategies, Nash equilibria, deletion of iteratively dominated strategies and mixed strategy equilibria   • interpret non-standard types of preferences such as altruism, inequality aversion or reciprocity and non-standard types of expectations (such as level-k) or decision-making (such as present bias),

- implement an experiment to be run in class, based on the relevant literature
- test the outcomes from their experiments against pure game theoretic predictions and related findings from experiments,
- relate variations in designs to an identification of behavioural drivers, produce their own presentation on their findings.

Teaching methods

Lecture with practical part. Students have to implement and present their own experiments.

Required attendance

Examination (type of examination, scope)

Portfolio examination: Written final examination of 60 minutes (50 points).
Presentation of 2 experiments in interactive form of about 30 minutes (50 points in total).

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

Experimental Economics (Own Experiment)

Module number
MRIEB20232-XX-M12 / MRIEB20232-XX-M13
Course name
Lab and Field Experiments: Corruption, Conflict & Cooperation
Module coordinator
Prof. Dr. Johann Graf Lambsdorff, Dr. Katharina Werner

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-SE-012 / XX-SE-013	7 (group project) / 10 (individual)	4
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Class attendance time (in hours) = 60, out-of-class study time (in hours) = 240 (150 in case of a group work).

Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe B: Advanced Methods
Reference to the LPO I
Recommended prerequisites
Requirements
Behavioral Game Theory and / or Economics of Corruption
Language of instruction
English

Content
Intended learning outcomes (ILOs)
Students who have participated in the module "Lab and Field Experiments: Corruption, Conflict & Cooperation",

- recognize experimental standards on anonymity, double blindness, incentives, deception and experimenter demand-effects,
- compare the relevant literature to their own design,
- program their own experiment and implement it in the lab or the field,
- test the outcomes from their experiment against pure game theoretic predictions and related findings from other experiments,
- combine a statistical analysis of their findings with a discussion of the literature, a description of their procedures and the hypotheses,

- produce their own experimental research project and scientific paper.

Teaching methods
Seminar with own research project (experiment).

Required attendance

Examination (type of examination, scope)
100% report

Overall grade relevance

Exam resit opportunities
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes
Students can also run a group project. Groups of 2 (or in case of a reasonable and sound application even more) persons develop a joint idea for a research question. They design and run the experiment, analyze and present the data and write the seminar paper together. In the seminar paper, it must be clearly distinguishable which of the group members wrote which chapters. For such a group project, students receive 7 ECTS, because the Workload per group member will be approximately 150 hours.

Lectures in Advanced Methods 1 – Empirical Finance

Module number
MRIEB20232-XX-M14
Module name
Empirical Finance
Module coordinator
Dr. Patrizia Perras, Prof. Dr. Niklas Wagner

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-014	5	3
Availability	**Duration**	**Recommended semester**
summer semester	1 semester	3 or 4

Workload
Lecture 3 SWS (33,75 hours class instruction; 116,50 hours self-study) Calculation is based on: every hr./sem.-week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe B: Advanced Methods **MIEB Version WiSe 18/19:** Modulgruppe E: Business
Reference to the LPO I
Recommended prerequisites
Recommended prerequisites are fundamental skills in statistics and probability (random variables and their distributions, statistical methods, testing and inference), as well as the Contents of an introductory course in corporate finance (valuation of bonds and stocks, capital market theory, asset pricing).
Requirements
According to § 3 der Studien- und Prüfungsordnung für den Masterstudiengang Business Administration
Language of instruction
English

Content
The course introduces to the principles of empirical methods in modern capital market research. Among the major issues to be discussed are the underlying economic models and assumptions, common statistical and econometric methods, as well as their application. Students participate actively via self-prepared presentations on studies in capital market research.
Intended learning outcomes (ILOs)
Students who have successfully participated in the module "Empirical Finance" •   know the fundamental problems of empirical capital market research. •   learn the various methods of empirical capital market research.

• apply the methods learned to carry out well-founded forecasts of capital market time series, event studies and asset pricing analyses. • understand and evaluate results of empirical studies. • present empirical research results. • independently work on problems in the area of empirical capital market research, especially as part of a master's thesis.
Teaching methods
The module consists of a lecture (interactive frontal teaching) with intensive preparation and follow-up of the individual sessions and a seminar accompanying the lecture. In addition to comprehensively deepening knowledge in the area of empirical capital market research, the module equips students with the ability to acquire new knowledge and independently formulate research-oriented problems.
Required attendance
Examination (type of examination, scope)
100% final exam (60 minutes) / summer semester
Overall grade relevance
Exam resit opportunities
None; Exam resits are detailed in § 6 of the subject-specific study and examination regulation.
Recommended reading
Campbell/Lo/McKinlay (1997), The Econometrics of Financial Markets, Princeton University Press
Additional notes
In the seminar part, a maximum of 6 bonus points can be earned for the exam.

Modulgruppe C: Global Economy, International Trade, and Finance

Advanced International Trade

Module number
MRIEB20232-03-12-M19
Course name
Advanced International Trade
Module coordinator
Prof. Dr. Sebastian Krautheim

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-019	5	2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Lecture: 2 SWS (30 hours of attendance and 45 hours of independent study time) Exercise class: 2 SWS (30 hours of attendance and 45 hours of independent study time) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 week courses + 1 week exam.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Having completed the course "Fundamentals of International Trade" is highly recommended. Otherwise a good knowledge of the two-countries-two-goods Ricardian model as well as the Krugman (1980) model is needed to follow the course.
Requirements
Language of instruction
English

Content

Over the last two decades, academic research on international trade, foreign direct investment (FDI), outsourcing and trade policy has been booming. This literature is at the core of this module. Possible topics may include among others:
  1. International trade and firm heterogeneity (Melitz 2003, Chaney 2008)
  2. The international organization of production (Antràs 2003)

3. International Trade, Global Sourcing and International NGO activity
4. Foundations for quantitative trade analysis: Eaton and Kortum (2002)
5. Into the machine room of our models – the CES price index
6. Trade Policy and Identity Politics: how to make sense of political support for Trump's trade policy (Grossman and Helpman 2021)

Intended learning outcomes (ILOs)

Students who have successfully participated in the module "Advanced International Trade "

- explain assumptions, mechanics and key innovations of the seminal contributions providing the basis for state-of-the-art research in International Trade.
- describe relationships between these models and their academic "ancestors" and the recent empirical findings these models can accommodate.
- perform, where appropriate, a complete analytical (algebraic) analysis (under autarky and trade) of the models' general equilibrium.
- illustrate how the models can be used to make predictions on the effects of trade liberalizations as well as the introduction of impediments to trade like tariffs or non-tariff trade barriers.
- assess pros and cons of different modelling assumptions as well as the appropriateness of different estimation approaches for the empirical analysis of international trade flows.
- develop starting points for the introduction of novel issues and research questions into the literature at the frontier.

Teaching methods

Lectures and exercise classes taught in English.

Required attendance

Examination (type of examination, scope)

Written exam, 90 min., 100%

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

The Empirics of International Trade

Module number
MRIEB20232-03-12-M28
Course name
The Empirics of International Trade
Module coordinator
Dr. Davide Sala, Prof. Dr. Sebastian Krautheim

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-028	5	2
Availability	**Duration**	**Recommended semester**
Irregular	1 semester	

Workload
Lecture: 2 SWS (30 hours of attendance and 45 hours of independent study time) Exercise class: 2 SWS (30 hours of attendance and 45 hours of independent study time) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 week courses + 1 week exam.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Knowledge of microeconomics, international economics, and econometrics (bachelor level) is highly desirable. Knowledge of microeconometrics or international trade theories (e.g., from the course "Fundamentals of International Trade") is an asset (but not required).
Requirements
Language of instruction
English

Content
Trade in commodities or final goods is today only a minimal part of international trade. The bulk of international trade is actually made of intermediate parts, components, and services exchanged along international global value chains. This course encompasses some of these aspects (trade in value added, outsourcing, GVCs, FDI, partnerships), which find little coverage in basic trade classes, but characterize a modern and

globalized economy. The focus lies on issues that animate the public debate (mapping GVCs, the impact of outsourcing on jobs and wages, FDI motives …).

A second part of the course is dedicated to one of the most robust empirical finding in economics, the *gravity equation*, which, for this reason, has also become the workhorse tool to investigate the effects of trade policy and regional economic integration. Article headings like "Can *Brexi*t defy gravity?" will suddenly make sense …

A detailed syllabus of the class containing the course structure and the readings for the course will be handed out to students at the beginning of the semester in the classroom (and StudIP).

Intended learning outcomes (ILOs)

Students who successfully participated in the module "The Empirics of International Trade"

- define and describe modern features of a trading economy (e.g., trading components, GVCs, FDI).
- express an empirical question (e.g., economic effects of outsourcing)
- interpret the empirical findings.
- recognize an empirical methodology (e.g., OLS, IV and "matching" estimation methods)
- appraise problems in bringing theory to the data
- synthesize critically the literature
- compare and justify different empirical approaches

Teaching methods

Lectures and exercise classes taught in English. Discussion of papers and introduction of empirical estimation methods.

Required attendance

Examination (type of examination, scope)

Written exam

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

Recent Topics in International Trade

Module number
MRIEB20232-03-12-M29
Course name
Seminar Recent Topics in International Trade
Module coordinator
Prof. Dr. Sebastian Krautheim

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-SE-029	7	2
Availability	**Duration**	**Recommended semester**
Irregular	1 semester	

Workload
Seminar: 2 SWS (30 hours of attendance and 180 hours of independent study time) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Solid knowledge of undergraduate (Bachelor-level) Microeconomics and Macroeconomics is recommended. Besides, students should have basic knowledge of International Economics, for example from the course "Fundamentals of International Trade". Knowledge from "Advanced International Trade" is an advantage, but not required.
Requirements
Language of instruction
English

Content
This seminar covers different topics in the fields of international trade, international macroeconomics, international organization of production, trade policy, identity politics and globalization backlash.
Intended learning outcomes (ILOs)
Students who have successfully participated in the module "Recent Topics in International Trade"   - describe the principles of good scientific practice as well as strategies for academic writing.   - outline the state of the literature that relates to their specific topic.

- present the main results of their work in a term paper and an oral presentation including the relation to findings in the literature.
- perform, where appropriate, an analysis along the lines of a specific paper (depending on the topic this may be on an intuitive level or a graphical, algebraic or empirical analysis).
- justify the exact focus and structure chosen for the term paper and the presentation.
- assess pros and cons of different approaches in the literature and how they contribute to a better understanding of the topic and, where appropriate, to academic or policy debates.
- develop and explore starting points for the introduction of novel issues and research questions into the literature at the frontier.

Teaching methods

- Seminar meetings and discussions.
- Advice and feedback on the term paper and the final presentation.
- The seminar will be held in English (term paper, presentation, discussion, literature).

Required attendance

Examination (type of examination, scope)

Students write a term paper on a topic that is assigned at the beginning of the seminar. The term paper should have 8–12 pages (13000–15600 characters). Besides, students present their work in the seminar and engage in discussions.

Portfolio: The final grade consists of
- 50% term paper
- 50% final presentation

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

International Monetary Economics

Module number
MRIEB20232-03-12-M20
Course name
International Monetary Economics
Module coordinator
Prof. Dr. Johann Graf Lambsdorff

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-020	5	4
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Lecture: 2 SWS, presence time (in hours) = 30, own working time (in hours) = 45. Exercise: 2 SWS, presence time (in hrs.) = 30, own working time (in hrs.) = 45.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
During the first six weeks, the lecture will cover material that is relevant for the seminar "Advanced Macroeconomics". This enables participants to participate in the seminar during the same semester.
Requirements
Kenntnisse in Mikro- und Makroökonomik aus einem ersten Hochschulabschluss oder vergleichbaren Abschluss.
Language of instruction
English

Content
Starting with the balance of payments and models of purchasing power parity, interest rate parity, foreign exchange market and a Keynesian consensus model of an open economy, the effects of economic policy measures and disturbances are examined under constant and variable inflation. Various exchange rate regimes are addressed, overshooting, original sin, credit risk, and international financial architecture issues. The possible failure of the interest rate parity is explained using various approaches. The models are enriched by case studies, interactive classroom games using classEx and empirical methods..

Intended learning outcomes (ILOs)

Students who have participated in the module "International Monetary Economics",
   - reproduce macroeconomic relationships between current account, purchasing power, exchange rates, interest rates, output gap, inflation and interest rates at an advanced level,
   - interpret international transactions in the area of monetary economics,
   - perform state-of-the-art experiments to understand models on exchange rates and interest rates,
   - evaluate the role of international institutions and their impact on international flows of money and goods,
   - combine models on the closed economy with international influences on interest rates, exchange rates and inflation to obtain an integrated model-based understanding at the frontier of current research,
   - produce a critical viewpoint on international institutions such as the IMF

Teaching methods
Lecture with tutorial. The tutorial embraces assignments and case studies. With the help of classEx interactive teaching forms are integrated. Lecture with a seminar character "Vorlesung mit Seminarcharakter"

Required attendance

Examination (type of examination, scope)
100% written exam (90 minutes)

Overall grade relevance

Exam resit opportunities
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

Seminar Advanced Macroeconomics

Module number
MRIEB20232-XX-M21
Course name
Masterseminar
Module coordinator
Prof. Dr. Johann Graf Lambsdorff

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-SE-021	7	3
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Seminar: 3 SWS, attendance time (in hours) = 30, own working time (in hours) = 180.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Requirements
Attendance of the lectures Advanced Macroeconomics and International Monetary Economics.
Language of instruction
English

Content
This seminar addresses current macroeconomic challenges related to central bank policy, fiscal policy, interest rate structure, the business cycle, inflation dynamics, exchange rate parity, interest rate parity and exchange rate policies. Based on this, forecasts and investment decisions are inferred for the private sector.
Intended learning outcomes (ILOs)
Students who have participated in the seminar "Advanced Macroeconomics",   - explain self-retrieved macroeconomic data on output, output gap, consumption, savings, investment, employment, inflation, interest rates, current account, exchange rates, inflation or interest rates,   - interpret national and international transactions in the area of monetary economics,   - elaborate on recommendations to policymakers for stabilization policies or to private actors on investment opportunities in light of current economic challenges,

• evaluate their recommendations in light of adequate macroeconomic models and theories, • compose their own policy brief in a style that is informative to policymakers or investors at the frontier of current research, • produce a position that illuminates the shortcomings and inadequacies in market expectations or prevailing media narratives.	
Teaching methods	
Seminar	
Required attendance	
Examination (type of examination, scope)	
Students have to write 2 "policy briefs" of 5000 characters each and contribute to the seminar discussions. In group work, they have to create a 3-minute video on one of the previous policy briefs.	
Overall grade relevance	
Exam resit opportunities	
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.	
Recommended reading	
Additional notes	

Neue Standorttheorien - Regional- und Stadtökonomik in Theorie und Praxis

Modulnummer
MRIEB20232-XX-M22
Veranstaltungstitel
Standorttheorien - Regional- und Stadtökonomik in Theorie und Praxis
Modulverantwortliche/r Prüfer*innen
Dr. Oliver Farhauer

Prüfungsnummer	ECTS	SWS
XX-VL-022	5	4
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
jedes Wintersemester	1 Semester	1 oder 3 Semester

Workload
60 h Kontaktstudium, 90 h Selbststudium
Verwendbarkeit
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Bezug zur LPO I
Empfohlene Voraussetzungen
Gute mikroökonomische Grundkenntnisse
Verpflichtende Voraussetzungen
Unterrichtssprache
Deutsch

Inhalt
In der Veranstaltung werden sowohl traditionelle als auch neuere und neueste Theorien zur Standortwahl vorgestellt. Die traditionellen Standorttheorien umfassen die klassische Standortlehre, die Agglomerationsökonomik sowie die Untersuchung der Effekte unterschiedlicher Branchenstrukturen auf eine Stadt oder Region. Daneben werden neuere Ansätze wie die Cluster- und Netzwerktheorie von Michael Porter und neueste Erklärungsmodelle wie die Neue Ökonomische Geographie und die Theorie der Kreativen Klasse präsentiert. Sie alle machen Gründe für die räumliche Ballung wirtschaftlicher Aktivität anschaulich. Von Interesse ist aber auch die Entwicklung von Regionen und Ballungsgebieten. Deshalb werden ebenfalls Theorien zu regionaler Entwicklung und regionalem Wachstum ausführlich thematisiert. Damit die Studierenden regional- und stadtökonomische Untersuchungen (z.B. im Rahmen von Seminar- und Abschlussarbeiten, Kurzanalysen etc.) selbst durchführen können, wird auch Wissen über die empirische Methodik vermittelt. So werden verschiedenste Maße der räumlichen Konzentration und regionalen Spezialisierung vorgestellt sowie die Durchführung einer Shift-Share- und Input-Output-Analyse demonstriert.

Lernergebnisse Lernziele
Studierende, die an dem Modul "Standorttheorien" teilgenommen haben, • erläutern sowohl traditionelle als auch neuere und neueste Theorien zur Standortwahl anhand von komplexeren Modellen. • können Zusammenhänge zwischen modelltheoretischen Ansätzen der Standortlehre darstellen. • nutzen diese Modelle, um fundierte Aussagen zu Effekten der Regionalpolitik zu treffen. • illustrieren qualitativ mit Hilfe grafischer Analysemethoden die Wirkungen von Produktivitätsschocks auf regionaler Ebene. • entwickeln Kenntnisse über die Aussagekraft von unterschiedlichen empirischen Kennziffern, durch die der Grad der Branchenkonzentration und der regionalen Spezialisierung bestimmt werden kann. • entwickeln klare Kriterien für die Qualität und Angemessenheit von Modellen für die ökonomische Analyse und reflektieren deren Prämissen kritisch. • beurteilen, wie zielführend verschiedene kommunale Politiken in Abhängigkeit der Branchenstruktur der Kommune sind und welche kommunalpolitischen Eingriffe die regionale Wettbewerbsfähigkeit verbessern können.
Lehr- und Lernformen
Interaktiver Frontalunterricht, gemeinsame Anwendungen der Kompetenzen, damit es nicht um die Vermittlung von Fach- und Faktenwissen geht, sondern vielmehr anwendbares Wissen vermittelt wird, das befähigt, das Gelernte eigenständig zu reproduzieren und anzuwenden.
Anwesenheitspflicht
Prüfungsleistung (Prüfungsform, Umfang, Gewichtung)
Klausur, 90 Minuten, 100 %
Gesamtnotenrelevanz
Wiederholungsmöglichkeit
Bei Nichtbestehen können alle Veranstaltungen gemäß § 6 der Fachstudien- und -prüfungsordnung wiederholt werden.
Literatur
Weitere Hinweise

Advanced Corporate Finance 1

Module number
MRIEB20232-XX-M23
Course name
Financial Engineering and Structured Finance
Module coordinator
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-023	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours) Exercise class 2 SWS (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Introductory module in Finance and solid knowledge of statistics recommended; further (Bachelor) Finance modules an advantage.
Requirements
Language of instruction
English

Content
- Fixed income: spot market and symmetric derivatives (yield curve estimation, swaps, forwards, futures)   - Equities: Options (value limits, single and multi-period binomial trees, Black/Scholes, European and American derivatives)   - Fixed income: interest rate and bond options (caps, floors, Black model, yield curve models such as Vasicek and Cox/Ingersoll/Ross)   - Fixed-income: certificates and structured products (market overview, capped, floored, collared floaters, reverse and fixed-maxi floaters, callable step-up bonds, capital market floaters, etc.)   - Equities: certificates and structured products (market overview, index certificates, reverse convertibles, discount certificates, quanto certificates, turbo certificates, etc.)

• Structural models (liability positions as derivatives on corporate assets, agency-conflicts between equity and debt capital providers, covenants, determinants of optimal corporate default, impact analysis of capital structure measures, rating from market prices, estimation of asset values and volatilities from liability positions and derivatives) • Reduced form models • Asset backed securities (ABS, CLOs etc), credit default swaps and structured debt

Intended learning outcomes (ILOs)
Students who have successfully completed the module, • explain and interpret the theoretical principles of modern financial securities and particularly derivatives valuation in depth. They characterise the economic principles as well as their possibilities and limitations. • recognise and structure valuation problems and develop practical solutions. • Recognise and assess possible applications of various financial instruments and their risk structure. • quickly transfer their knowledge to the valuation of innovative financial instruments. • recognise and analyse a company as a complex system of derivative claims and, in particular, characterise the impact of specific capital structure measures on existing financing instruments.

Teaching methods
Interactive lecture Excercises

Required attendance

Examination (type of examination, scope)
Exam 60 minutes (100%)

Overall grade relevance

Exam resit opportunities
According to the examination and study regulations for the Master's degree program.

Recommended reading
Given in class

Additional notes

Advanced Corporate Finance 1

Module number
MRIEB20232-XX-M23
Course name
Corporate Finance and Capital Markets
Module coordinator
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-023	5	2+2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	1-3

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours) Exercise session (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Introductory module in Finance
Requirements
Language of instruction
English

Content
- Advanced methods of company valuation (APV, entity, equity approach, autonomous vs. value-based financing, annuity vs. two-phase model, equity costs and beta leverage, capital structure, taxes, multiplier method)   - Determinants of stock price performance (basic performance measures, multifactor models, size and value factors, advanced factors such as liquidity)   - Risk-oriented corporate management concepts (RORAC, RAROC, optimal capital allocation for different target values)   - Optimal risk policy and hedging (basics, foreign currency risks, hedging of currency risks, risk policy for perfect and unperfect markets, risk policy and optimal capital structure, empirical evidence: company value and risk policy for currency risks)

Intended learning outcomes (ILOs)
Students who have successfully completed the module,   • identify and interpret in-depth methods of company valuation and characterize the possibilities and limitations of different methods. They apply these methods to specific problems.   • identify and interpret the influence of various value determinants on the share price performance of companies and apply methods of external performance measurement.   • identify and interpret capital market-oriented methods for internal corporate management and capital allocation and characterize the possibilities and limitations of the methods.   • identify and interpret the theoretical foundations of optimal corporate risk policy and implement specific risk reduction decisions using the appropriate financial instruments.
Teaching methods
Interactive lecture   Excercises
Required attendance
Examination (type of examination, scope)
Exam 60 minutes (100%)
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Given in class
Additional notes

Advanced Corporate Finance 1

Module number
MRIEB20232-XX-M23
Course name
Master-Workshop Finance and Banking
Module coordinator/ examiner(s)
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-023	5	2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	1-3

Workload
2 SWS (30h presence time and 120h own working time)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
LPO I applicability (only for Teacher Education Programmes
Recommended prerequisites
Introductory module in Finance and solid knowledge of statistics recommended; further (Bachelor) Finance modules an advantage.
Requirements
Language of instruction
English

Content
In this module, teams of two students work on the content of selected papers that have been published in leading international journals in the field of finance. The papers are usually empirical in nature. The focus of the workshop varies.
Intended learning outcomes (ILOs)
Students who have successfully completed the module,   - explain, structure and assess topics currently discussed in research in the field of finance.   - explain and summarize the main methods and results of the papers presented.   - recognize the international rules and standards for academic work and research.   - assess the strengths and weaknesses of the papers presented.   - create a presentation, present the papers effectively and discuss them constructively.

Teaching methods
Vorlesung mit Seminarcharakter Presentation, discussion
Required attendance
Obligatory
Examination (type of examination, scope)
Portfolio: Presentation (approx. 40 min. per person, 70%), discussion (30%). An overall grade is awarded.
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Given in class
Additional notes
Participation in the Master-Workshop Finance and Banking is only possible by prior registration at the chair. The registration form and further information can be found in Stud.IP.

Advanced Corporate Finance 1

Module number
MRIEB20232-XX-M23
Course name
Quantitative Methods in Finance
Module coordinator/ examiner(s)
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-023	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter/ summer semester	1 semester	1-3

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours) Exercise session (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
LPO I applicability
Recommended prerequisites
An introductory module in finance is recommended; further (bachelor's) finance modules are an advantage. A solid knowledge of Excel and statistics and of a statistics program is helpful.
Requirements
Language of instruction
English

Content
• Introduction to empirical analysis of financial data • Cross-sectional, time series and panel regressions in Stata • Logit and probit regressions in Stata • Stata programming and automation as well as advanced commands • Numerical methods in VBA • Valuation of derivatives using simulation in VBA
Intended learning outcomes (ILOs)
Students who have successfully completed the module • explain and interpret key quantitative methods that are very frequently used in finance and related fields to solve business management issues. • assess the possibilities and limitations of the methods.

• apply the methods in a targeted manner using Stata and VBA.
• develop solution concepts based on the methods to answer complex business management questions.
Teaching methods
Interactive Lecture; in the exercise, the concepts covered in the corresponding lecture are implemented directly afterwards on real data sets in Stata (part 1) or in real valuation problems in VBA (part 2).
Required attendance
Examination (type of examination, scope)
Exam, 60 minutes, 100%
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Additional notes

Advanced Corporate Finance 2

Module number
MRIEB20232-XX-M24
Course name
Deep Learning and Text Analysis in Finance
Module coordinator
Prof. Dr. Ralf Kellner

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-024	5	4
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	4

Workload
150 h (60 h contact studies / 90 h self-studies)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe E: Business
Reference to the LPO I
Recommended prerequisites
Fundamentals of mathematics and statistics.
Requirements
Language of instruction
English

Content

• Text Preprocessing
• Simple frequency-based text models
• Quantitative basics for understanding advanced text models
• Word2Vec, Doc2Vec
• Text models with attention mechanisms: encoder and decoder models
• Use of text models in the financial sector
    ○ Information processing of capital market participants
    ○ Quantification of capital market reactions
    ○ Identification of companies with risks in relation to climate change and the transformation to a CO_2-neutral economy

Intended learning outcomes (ILOs)
Students who have successfully completed this course • develop a deep understanding of how modern text models work • establish the connection between general machine learning methods and modern text modelling

• assess which form of text analysis is suitable for different situations • use modern text models to analyse and evaluate important documents from the field of economics
Teaching methods
• Interactive lectures incl. digital documents • Interactive exercise units
Required attendance
Examination (type of examination, scope)
• Written exam
Overall grade relevance
Exam resit opportunities
In case of failure, all courses can be repeated according to § 6 of the subject study and examination regulations.
Recommended reading
• Machine Learning for Text (2018) – Aggarwal, C. C., Springer Verlag • When Is a Liability Not a Liability? Textual Analysis, Dictionaries, and 10-Ks (2011) – Loughran and McDonald, The Journal of Finance 66(1) • Disclosure Sentiment: Machine Learning vs. Dictionary Methods (2022) – Frankel et. al, Management Science 68(7)
Additional notes

Advanced Corporate Finance 2

Module number
MRIEB20232-XX-M24
Course name
Financial Engineering and Structured Finance
Module coordinator
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-024	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours)
Exercise class 2 SWS (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 23/24:
Modulgruppe C: Global Economy, International Trade, and Finance
MIEB Version WiSe 18/19:
Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Introductory module in Finance and solid knowledge of statistics recommended; further (Bachelor) Finance modules an advantage.
Requirements
Language of instruction
English

Content
• Fixed income: spot market and symmetric derivatives (yield curve estimation, swaps, forwards, futures)
• Equities: Options (value limits, single and multi-period binomial trees, Black/Scholes, European and American derivatives)
• Fixed income: interest rate and bond options (caps, floors, Black model, yield curve models such as Vasicek and Cox/Ingersoll/Ross)
• Fixed-income: certificates and structured products (market overview, capped, floored, collared floaters, reverse and fixed-maxi floaters, callable step-up bonds, capital market floaters, etc.)
• Equities: certificates and structured products (market overview, index certificates, reverse convertibles, discount certificates, quanto certificates, turbo certificates, etc.)

• Structural models (liability positions as derivatives on corporate assets, agency-conflicts between equity and debt capital providers, covenants, determinants of optimal corporate default, impact analysis of capital structure measures, rating from market prices, estimation of asset values and volatilities from liability positions and derivatives) • Reduced form models • Asset backed securities (ABS, CLOs etc), credit default swaps and structured debt

Intended learning outcomes (ILOs)

Students who have successfully completed the module,
- explain and interpret the theoretical principles of modern financial securities and particularly derivatives valuation in depth. They characterise the economic principles as well as their possibilities and limitations.
- recognise and structure valuation problems and develop practical solutions.
- Recognise and assess possible applications of various financial instruments and their risk structure.
- quickly transfer their knowledge to the valuation of innovative financial instruments.
- recognise and analyse a company as a complex system of derivative claims and, in particular, characterise the impact of specific capital structure measures on existing financing instruments.

Teaching methods

Interactive lecture
Excercises

Required attendance

Examination (type of examination, scope)

Exam 60 minutes (100%)

Overall grade relevance

Exam resit opportunities

According to the examination and study regulations for the Master's degree program.

Recommended reading

Given in class

Additional notes

Advanced Corporate Finance 2

Module number
MRIEB20232-XX-M24
Course name
Corporate Finance and Capital Markets
Module coordinator
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-024	5	2+2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	1-3

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours) Exercise session (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Introductory module in Finance
Requirements
Language of instruction
English

Content
- Advanced methods of company valuation (APV, entity, equity approach, autonomous vs. value-based financing, annuity vs. two-phase model, equity costs and beta leverage, capital structure, taxes, multiplier method)   - Determinants of stock price performance (basic performance measures, multifactor models, size and value factors, advanced factors such as liquidity)   - Risk-oriented corporate management concepts (RORAC, RAROC, optimal capital allocation for different target values)   - Optimal risk policy and hedging (basics, foreign currency risks, hedging of currency risks, risk policy for perfect and unperfect markets, risk policy and optimal capital structure, empirical evidence: company value and risk policy for currency risks)

Intended learning outcomes (ILOs)
Students who have successfully completed the module, • identify and interpret in-depth methods of company valuation and characterize the possibilities and limitations of different methods. They apply these methods to specific problems. • identify and interpret the influence of various value determinants on the share price performance of companies and apply methods of external performance measurement. • identify and interpret capital market-oriented methods for internal corporate management and capital allocation and characterize the possibilities and limitations of the methods. • identify and interpret the theoretical foundations of optimal corporate risk policy and implement specific risk reduction decisions using the appropriate financial instruments.
Teaching methods
Interactive lecture Excercises
Required attendance
Examination (type of examination, scope)
Exam 60 minutes (100%)
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Given in class
Additional notes

Advanced Corporate Finance 2

Module number
MRIEB20232-XX-M24
Course name
Master-Workshop Finance and Banking
Module coordinator/ examiner(s)
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-024	5	2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	1-3

Workload
2 SWS (30h presence time and 120h own working time)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
LPO I applicability (only for Teacher Education Programmes
Recommended prerequisites
Introductory module in Finance and solid knowledge of statistics recommended; further (Bachelor) Finance modules an advantage.
Requirements
Language of instruction
English

Content
In this module, teams of two students work on the content of selected papers that have been published in leading international journals in the field of finance. The papers are usually empirical in nature. The focus of the workshop varies.
Intended learning outcomes (ILOs)
Students who have successfully completed the module,   - explain, structure and assess topics currently discussed in research in the field of finance.   - explain and summarize the main methods and results of the papers presented.   - recognize the international rules and standards for academic work and research.   - assess the strengths and weaknesses of the papers presented.   - create a presentation, present the papers effectively and discuss them constructively.

Teaching methods
Vorlesung mit Seminarcharakter
Presentation, discussion

Required attendance
Obligatory

Examination (type of examination, scope)
Portfolio: Presentation (approx. 40 min. per person, 70%), discussion (30%). An overall grade is awarded.

Overall grade relevance

Exam resit opportunities
According to the examination and study regulations for the Master's degree program.

Recommended reading
Given in class

Additional notes
Participation in the Master-Workshop Finance and Banking is only possible by prior registration at the chair. The registration form and further information can be found in Stud.IP.

Advanced Corporate Finance 2

Module number
MRIEB20232-XX-M24
Course name
Quantitative Methods in Finance
Module coordinator/ examiner(s)
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-024	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter/ summer semester	1 semester	1-3

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours) Exercise session (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance   **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
LPO I applicability
Recommended prerequisites
An introductory module in finance is recommended; further (bachelor's) finance modules are an advantage. A solid knowledge of Excel and statistics and of a statistics program is helpful.
Requirements
Language of instruction
English

Content
• Introduction to empirical analysis of financial data   • Cross-sectional, time series and panel regressions in Stata   • Logit and probit regressions in Stata   • Stata programming and automation as well as advanced commands   • Numerical methods in VBA   • Valuation of derivatives using simulation in VBA
Intended learning outcomes (ILOs)
Students who have successfully completed the module   • explain and interpret key quantitative methods that are very frequently used in finance and related fields to solve business management issues.   • assess the possibilities and limitations of the methods.

• apply the methods in a targeted manner using Stata and VBA.
• develop solution concepts based on the methods to answer complex business management questions.
Teaching methods
Interactive Lecture; in the exercise, the concepts covered in the corresponding lecture are implemented directly afterwards on real data sets in Stata (part 1) or in real valuation problems in VBA (part 2).
Required attendance
Examination (type of examination, scope)
Exam, 60 minutes, 100%
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Additional notes

Seminar Advanced Corporate Finance

Module number
MRIEB20232-XX-M25
Course name
Master Seminar Finance and Banking
Module coordinator/ examiner(s)
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-SE-025	7	2
Availability	**Duration**	**Recommended semester**
Every winter/ summer semester	1 semester	2 or 3

Workload
30h presence time and 180h own working time
Module applicability
MIEB Version WiSe 23/24: Modulgruppe C: Global Economy, International Trade, and Finance **MIEB Version WiSe 18/19:** Modulgruppe C: Global Economy, International Trade, and Finance
LPO I applicability
Recommended prerequisites
In the best case, the other Master's lectures of the chair have already been completed or are attended in parallel. This includes in particular 'Quantitative Methods in Finance'. Other courses in the Finance major and in statistics/econometrics are recommended.
Requirements
Language of instruction
English

Content
In this module, two-person student teams carry out their own, clearly defined scientific investigation, which is usually based on a current research paper from a leading international journal. As a rule, the students' own research is empirically orientated.
Intended learning outcomes (ILOs)
Students who completed the module successfully, - explain, structure and assess topics currently being discussed in research in the field of finance. - prepare an independent academic research paper. - effectively conduct, structure and reflect on relevant literature research. - create a database for their analyses. - understand the necessary empirical methods and apply them independently.

- recognize the international rules and standards for scientific work and research and apply these to their research work. - present their research work effectively and discuss it constructively.
Teaching methods
Presentation, discussion
Required attendance
Compulsory
Examination (type of examination, scope)
Portfolio: seminar paper (approx. 25,000 characters per person, 60%), presentation (approx. 40 minutes per person, 30%), discussion (10%). An overall grade is awarded.
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Given in class
Additional notes

Modulgruppe D: Governance, Institutions and Development

<table>
<tr><td style="background-color:orange">Evaluation of Development Policies</td></tr>
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Module number
MRIEB20232-03-12-M30
Course name
Evaluation of Development Policies
Module coordinator
Prof. Dr. Michael Grimm

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-030	5	2+2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Lecture 2 SWS (28 h Contact hours and 48 h Self study) Tutorial 2 SWS (24 h Contact hours and 24 h Self study) Exam Preparation (2 h Contact hours and 24 h Self study) We are calculating with 15 semester weeks (14 lecture + 1 examination week). Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe D: Governance, Institutions and Development **MIEB Version WiSe 18/19:** Modulgruppe D: Governance, Institutions and Development
Reference to the LPO I
Recommended prerequisites
Basic knowledge in Econometrics is required. Prior knowledge in development economics/development studies is an advantage.
Requirements
Language of instruction
English

Content
Slow economic growth in many parts of the world has led to development aid pessimism. While some believe aid in general does not work and argue that development cannot be planned others think that in fact aid was simply not significant enough to be successful. Hence the former argue in favour of smaller steps and to build on what works, while the latter ask for a substantial increase of aid. This debate has raised the interest in and need of rigorous policy and project evaluations which can in a credible way establish a link between cause and effect. This course introduces students to

the concept and various methods of experimental and quasi experimental impact evaluations. All methods are presented using real world examples. Hence policies and projects are discussed in conjunction with the methods that can be used to evaluate them. Examples include conditional cash transfer programs, the implementation of health insurance, unemployment insurance and a school construction programme among many others.

The methods that are discussed in this course are similar to those used in OECD countries to evaluate for example active labour market policies and social security reforms. Hence, the course is not only of interest for students with a special interest in development, but for all students that aim to get experience in policy evaluation more generally.

The course is accompanied by a tutorial in which students acquire hands-on experience on how to assess impacts using real data and an econometric software package, STATA. The first few lessons help students to get acquainted with STATA, the leading statistical software package in economics and other social sciences.

Intended learning outcomes (ILOs)

Students who have successfully participated in the Module "Evaluation of Development Policies":

- explain the concept of causal inference.
- identify an adequate evaluation strategy for a given policy or project.
- develop the theory of change associated with a policy or project.
- perform power calculations and alternative sampling strategies.
- analyse the data in line with the various evaluation methods using the Stata software package.
- interpret results from impact evaluations.
- complement quantitative evidence with relevant qualitative research to further illustrate the underlying mechanisms linking project inputs to outcomes and ultimate impacts.
- assess critically the quality of impact evaluations.
- derive policy recommendations from impact evaluations.

Teaching methods

"Vorlesung mit Seminarcharakter"
Lecture with interactive elements, hands-on exercises in the computer lab. Students discuss concepts and evaluation problems in class using real world case studies. They engage in group work to solve problem sets and to discuss review questions.

The course starts with 2 lectures per week, lectures ending presumably 4 weeks before the end of the semester. The accompanying exercises are held until the end of the semester.

Required attendance

Examination (type of examination, scope)

Assignment to be submitted (100%). The assignment consists of an evaluation problem that has to be solved using a data set and the Stata software package. Students submit a corresponding research note explaining the evaluation problem, the used evaluation approach, the main results and a policy relevant conclusion.

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

- A course book with detailed information about the course.
- Lecture notes.
- Readings (for details, see course book).

Additional notes
One guest-lecture

Economics of Corruption

Module number
MRIEB20232-03-12-M39
Course name
Seminar: The Economics of Corruption
Module coordinator
Prof. Dr. Johann Graf Lambsdorff, Dr. Katharina Werner

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-SE-039	7	4
Availability	**Duration**	**Recommended semester**
Irregular	1 semester (2 Wochen geblockt)	

Workload
Online-Videos: Required total time = 30 hrs., Self-work time 60 hrs. for preparing introductory exam and final exam.   Face-to-face event: 60 hours, Writing of report 60 hrs.   Calculation is based on the Workload for 7 ECTS (210 hrs.).
Module applicability
MIEB Version WiSe 23/24:   Modulgruppe D: Governance, Institutions and Development   **MIEB Version WiSe 18/19:**   Modulgruppe D: Governance, Institutions and Development
Reference to the LPO I
Recommended prerequisites
Knowledge in microeconomics and institutional economics is strongly recommended.   Interest in experimental economics and game theory is helpful.
Requirements
Language of instruction
English

Content
The course introduces into the economic analysis of corruption, defined as the misuse of public power for private benefit. A focus is put on institutional, behavioral and experimental economics, seeking to address how citizens behave and how officials react to corrupt incentives and sanctions. Approaches to reform, particularly based on the United Nations Convention Against Corruption (UNCAC), are critically discussed and confronted with behavioral insights. Topics covered embrace the 4-eyes principle, Abuse of Office, Corruption Perceptions Index, Debarment, Diffusion of Responsibility, Limiting Discretion, Illicit Enrichment, Intermediaries, Intrinsic Motivation, Job Rotation, Leniency, Nullity of the Basic Contract, Procurement, Separation of Functions and the Tone at the Top.

Intended learning outcomes (ILOs)
Students who have participated in the module "The Economics of Corruption", - identify situations of corruption and recall methods for measuring levels of corruption including red flags as well as institutional and behavioural approaches to understanding corruption and reform, - interpret human behaviour as a conflict between selfish interests and honesty and integrity, - implement their own experiment in groups of students, - characterize the results of their experiment through the lens of behavioural models, shedding light on frames, incentives, nudges or similar influences, - produce their own experimental design as a joint work with other students, based on their self-developed research question; combine a statistical analysis of their findings with a discussion of the relevant literature.

Teaching methods
Students must work through 3-hours of lectures that are supplied as pre-recorded videos, to be found in the "video"-section. The slides can be found in the "Dateien"-section on StudIP. Students must prove their understanding of this material in an introductory online-exam in the form of a single-choice test. The test takes place on Sep 29. The exam must be passed for being accepted to the subsequent workshop, which is conducted as a face-to-face event. Guest presentations, case studies, games and simulations are core ingredients of the face-to-face part of the course. These motivate and guide participants in developing their own experiment. This development and subsequent implementation is deepened by help of group-work. Groups jointly develop, design and run an experiment related to corruption and present the findings briefly in the plenary. Each individual participant then submits a final report on the findings. The deadline for the reports will be announced during the workshop.

Required attendance

Examination (type of examination, scope)
For 7 ECTS Portfolio exam (Master IEB, DS and other programs): 15 points introductory online-exam (20 minutes), 25 points (40 minutes) for a final test and 60 points short report (5,000 characters) on the research findings from the group work, where the own contribution to the group work is explained. For 10 ECTS Portfolio exam (Master Governance only!): 15 points introductory online-exam (20 minutes), 20 points (40 minutes) for a final test and 55 points short report (5,000 characters) on the research findings from the group work, where the own contribution is explained, 10 points home assignment (8,000 characters) on a topic about anti-corruption.

Overall grade relevance

Exam resit opportunities
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

Population Economics

module number
MRIEB20232-03-12-M40
Course name
Population Economics
module coordinator
Prof. Dr. Stefan Bauernschuster

examination number	credit points (ECTS)	hours per week (SWS)
03-12-VL-040	5	2+2
availability	**duration**	**recommended semester**
Summer semester	1 semester	2

workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Uebung 2 SWS (30 hours class instruction; 45 hours self-study) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
module applicability
MIEB Version WiSe 23/24: Modulgruppe D: Governance, Institutions and Development **MIEB Version WiSe 18/19:** Modulgruppe D: Governance, Institutions and Development
reference to the LPO I
recommended requirements
Solid knowledge in (undergraduate) microeconomics Solid knowledge in microeconometrics, in particular quasi-experimental methods
obligatory requirements
language
English

content
We start the lecture with a look into the period from 1300 to 1800 and investigate the Malthusian theory of population and the question to which degree the Great Plague affected mortality, fertility and income per person. Then, we move to the end of the 19th and the beginning of the 20th century, when Western countries experienced a massive decline in fertility and mortality rates, and analyze the driving forces behind this great demographic transition. In the second half of the 20th century, we observe a further decline in fertility, which is often ascribed to the emergence of the birth control pill. At the same time, education and female labor supply substantially rose, and the age at which people married increased. We analyze these developments using Becker's theory of fertility (quantity-quality trade-off), Katz and Goldin's economic theory of the pill as well as theories of the division of labor

within families and (female) labor supply and a rich set of empirical studies on these issues. In recent decades, family policies have been adapted to enhance the reconciliation of work and family life and thus support females' position in the labor market. Apart from analyzing the impact of these policies, we aim at understanding to which degree discrimination still weakens women's position in labor markets. Finally, we put the focus on international migration which plays an important role in population dynamics and changing labor markets. Here, we first use Roy's model for the selection of migrants to understand who migrates and then analyze the impact of migration on destination countries' labor markets using both theory and empirics.

Table of contents:
Chapter 1: Introduction
Chapter 2: Malthusian theory of population
Chapter 3: Mortality transition
Chapter 4: Fertility transition
Chapter 5: Economic effects of the „pill"
Chapter 6: Gender differences in labor supply and wages
Chapter 7: Discrimination in the labor market
Chapter 8: Evaluation of family policies
Chapter 9: Migration

intended learning outcomes (ILOs)

Students who have successfully participated in the module are able to
- describe the major areas of population economics and place them in historical context
- outline and critically discuss the main theoretical models in the field of population economics
- analyze and interpret the empirical evidence on the topics discussed, distinguish correlation from causality, and evaluate empirical studies with respect to their merits and problems
- draw policy relevant conclusions and participate in well-informed debates in the area of the population economics
- communicate research findings effectively in oral and written formats

teaching methods

Classroom lecture with interactive elements (Vorlesung mit Seminarcharakter)
Uebung with tutorials and student presentations

required attendance

examination (type of examination, scope)

Final exam (90 minutes)
or portfolio (final exam (90 minutes) and oral presentation)

overall grade relevance

100% final exam or 80% final exam and 20% oral presentation

possibility of retake exam

reading list

- Ager, P., Herz, B., Brueckner, M. (2020), Structural Change and the Fertility Transition, Review of Economics and Statistics, 102(4), 806-822
- Alsan, M., Goldin, C. (2019), Watersheds in Infant Mortality: The Role of Effective Water and Sewarage Infrastructure, 1880 to 1920, Journal of Political Economy, 127(2), 586-638.
- Bailey, M. (2006), More Power to the Pill: The Impact of Contraceptive Freedom on Women's Life Cycle Labor Supply, The Quarterly Journal of Economics, 121(1), 289-320.
- Bailey, M. (2010), "Momma's Got the Pill": How Anthony Comstock and Griswold v. Connecticut Shaped US Childbearing, American Economic Review, 100(1), 98-129.
- Bailey, M., Hershbein, B., Miller, A. (2012), The Opt-In Revolution? Contraception and the Gender Gap in Wages, American Economic Journal: Applied Economics, 4(3), 225-254.

- Bauernschuster, S., Driva, A., Hornung, E. (2020), Bismarck's Health Insurance and the Mortality Decline, Journal of the European Economic Association, 18(5), 2561-2607.
- Bauernschuster, S., Hener, T., Rainer, H. (2016), Children of a (Policy) Revolution: The Introduction of Universal Child Care and its Effect on Fertility, Journal of the European Economic Association, 14 (4), 975-1005.
- Bauernschuster, S., Schlotter, M. (2015), Public Child Care and Mothers' Labor Supply - Evidence from Two Quasi Experiments, Journal of Public Economics, 123, 1-16
- Bertrand, M., Goldin, C., Katz, L., (2010), Dynamics of the Gender Gap for Young Professionals in the Financial and Corporate Sectors, American Economic Journal: Applied Economics, 2(3), 228-55.
- Black, S., Devereux, P., Salvanes, K. (2005), The More the Marrier? The Effect of Family Size and Birth Order on Children's Education, Quarterly Journal of Economics, 120(2), 669-700.
- Boeri, T., van Ours, J. (2008), The Economics of Imperfect Labor Markets, Princeton: Princeton University Press.
- Borjas, G. (2013), Labor Economics, New York: McGraw-Hill.
- Cavalcanti, T., Tavares, J. (2008), Assessing the „Engines of Liberation": Home Appliances and Female Labor Force Participation", Review of Economics and Statistics, 90 (1), 81-88.
- Clark, G. (2007), A Farewell to Alms: A Brief Economic History of the World, Princeton: Princeton University Press.
- Cutler, D., Deaton, A., Lleras-Muney, A. (2006), The Determinants of Mortality, Journal of Economic Perspecitves, 20(3), 97- 120.
- Doepke, M., Hannusch, A., Kindermann, F., Tertilt, M. (2022), The Economics of Fertility: A New Era, NBER Working Paper 29948.
- Dorn, D., Zweimüller, J. (2021), Migration and Labor Market Integration in Europe, Journal of Economic Perspectives, 35(2), 49-76.
- Dustmann, C., Schönberg, U., Stuhler, J. (2017), Labor Supply Shocks, Native Wages, and the Adjustment of Local Employment, Quarterly Journal of Economics, 132(1), 435-483.
- Ehrenberg, R.G., Smith, R.S. (2013), Modern Labor Economics, Boston: Prentice Hall.
- Ermisch, J. (2003), An Economic Analysis of the Family, Princeton: Princeton University Press.
- Galor, O. (2005), From Stagnation to Growth: Unified Growth Theory, in: Aghion, Philippe, Durlauf, Steven, Handbook of Economic Growth, Vol.1A, 171-293.
- Goldin, C. (1984), The Historical Evolution of Female Earnings Functions and Occupations, Explorations in Economic History, 21, 1-27.
- Goldin, C., Katz, L. (2002), The Power of the Pill: Oral Contraceptives and Women's Career and Marriage Decisions, Journal of Political Economy, 110(4), 730-770
- Goldin, C., Rouse, C. (2000), Orchestrating Impartiality: The Impact of „Blind" Auditions on Female Musicians, American Economic Review, 90(4), 715-741.
- Kleven, H., Landais, C., Posch, J., Steinhauer, A., Zweimüller, J. (2019) c, American Economic Review Papers & Proceedings, 109, 122-126
- Malthus, T. R. (1826), Essay on the Principle of Population, London: John Murray.
- Olivetti, C., Petrongolo, B. (2008), Unequal Pay or Unequal Employment? A Cross-Country Analysis of the Gender Gaps, Journal of Labor Economics, 26(4), 621-654.
- Parey, M., Ruhose, J., Waldinger, F., Netz, N. (2017), The Selection of High-Skilled Emigrants, The Review of Economics and Statistics, 99(5), 776-792.
- Voigtländer, N., Voth, H.-J. (2009), Malthusian Dynamism and the Rise of Europe: Make War, Not Love, American Economic Review: Papers and Proceedings, 99(2), 248-254.

additional notes
Exam questions can be answered in English or German

Behavioral Public Economics

Module number
MRIEB20232-03-12-M41
Course name
Behavioral Public Economics
Module coordinator
Prof. Dr. Stefan Bauernschuster

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-041	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	3

Workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Uebung 2 SWS (30 hours class instruction; 45 hours self-study) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe D: Governance, Institutions and Development **MIEB Version WiSe 18/19:** Modulgruppe D: Governance, Institutions and Development
Reference to the LPO I
Recommended prerequisites
Solid knowledge in (undergraduate) microeconomics and statistics/econometrics Solid knowledge in (undergraduate) public economics
Requirements
Language of instruction
English

Content
The model figure of homo economicus, a rational perfectly informed and self-interested individual who maximizes her utility, is a simple yet powerful tool in theoretical economic models. However, sometimes it fails to provide an adequate picture of individual decision-making processes. In this lecture, we complement the standard approach with insights from behavioral economics to analyze which (new) implications can be drawn from this perspective for the field of public economics. Amongst the topics covered in the lecture are time-inconsistent behavior (hyperbolic discounting) and its implications for the taxation of sin goods such as alcohol or unhealthy food, mental accounting and its implications for labelling social transfers, the salience of information and its

implications for attitudes and behavior, reference points and loss aversion and its implications for labor supply, and the role of default options for retirement and health insurance.

Table of Contents:
Chapter 1: Neoclassical vs. behavioral economics?
Chapter 2: Hyperbolic discounting and sin taxes
Chapter 3: Reference points and loss aversion
Chapter 4: Mental accounting and narrow bracketing
Chapter 5: Limited attention and lack of information
Chapter 6: Status quo bias and default options
Chapter 7: Debating soft paternalism

Intended learning outcomes (ILOs)

Students who have successfully participated in the module "Behavioral Public Economics" are able to

- demonstrate a clear understanding of the main features and assumptions of neoclassical public economics
- identify situations in which individuals' behavior deviates from the predictions of neoclassical theory and explain these deviations with the help of behavioral economic concepts
- develop suggestions in which way insights from behavioral economics might improve policy decisions,
- use this knowledge to assess applied research papers, interpret the findings and critically discuss the policy conclusions with their peers

Teaching methods

Classroom lecture with interactive elements (Vorlesung mit Seminarcharakter)
Uebung with tutorials and student presentations

Required attendance

Examination (type of examination, scope)

final exam (90 minutes)
or portfolio (final exam (90 minutes) and oral presentation)

Overall grade relevance

100% final exam or 80% final exam and 20% oral presentation

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

- Abadie, A., Gay, S. (2006), The Impact of Presumed Consent Legislation on Cadaveric Organ Donation: A Cross-Country Study, Journal of Health Economics, 25, 599-620.
- Abeler, J., Marklein, F. (2017), Fungibility, Labels, and Consumption, Journal of the European Economic Association, 15(1), 99–127.
- Allcot, H. (2011), Social Norms and Energy Conservation, Journal of Public Economics, 95, 1082-1095.
- Allcot, H., Lockwood, B., Taubinsky, D. (2019), Should We Tax Sugar-Sweetened Beverages? An Overview of Theory and Evidence, Journal of Economic Perspectives, 33(3), 202-227.
- Angner, E. (2012), A Course in Behavioral Economics, New York: Palgrave McMillan.
- Angrist, J., Azoulay, P., Ellison, G., Hill, R., Feng Lu, S. (2017), Economic Research Evolves: Fields and Styles, American Economic Review: Papers&Proceedings, 107(5), 293–297.
- Bauernschuster, S., Rekers, R. (2022), Speed Limit Enforcement and Road Safety, Journal of Public Economics, 210,104663.

- Benhassine, N., Devoto, F., Duflo, E., Dupas, P., Pouliquen, V. (2015), Turning a Shove into a Nudge? A Labeled Cash Transfer for Education, American Economic Journal: Economic Policy, 7(3), 86-125.
- Bernheim, D., Rangel, A. (2005), Behavioral Public Economics: Welfare and Policy Analysis with Non-Standard Decision-Makers, NBER Working Paper 11518.
- Blumenstock, J., Callen,M., Ghani, T. (2018), Why Do Defaults Affect Behavior? Experimental Evidence from Afghanistan, American Economic Review, 108(10), 2868-2901.
- Brownback, A., Sadoff, S., (2020), Improving College Instruction through Incentives, Journal of Political Economy, 128(8), 2925-2972.
- Carroll, G., Choi, J. Laibson, D., Madrian, B., Metrick, A. (2009), Optimal Defaults and Active Decisions, The Quarterly Journal of Economics, 124(4), 1639-1674.
- Chetty, R. (2015), Behavioral Economics and Public Policy: A Pragmatic Perspective, American Economics Review: Papers & Proceedings, 105(5), 1-33.
- Chetty, R., Looney, A,. Kroft, K. (2009), Salience and Taxation: Theory and Evidence, American Economic Review, 99(4), 1145-1177.
- Choi, J., Laibson, D., Madrian, B., Metrick, A. (2004), For Better or for Worse: Default Effects and 401(k) Savings Behavior, in: Wise, D. (ed.), Perspectives on the Economics of Aging, Chicago: University of Chicago Press.
- Congdon, W., Kling, J., Mullainathan, S. (2011), Policy and Choice – Public Finance through the Lens of Behavioral Economics, Washington D.C.: Brookings Institution Press
- DellaVigna, S. (2009), Psychology and Economics: Evidence from the Field, Journal of Economic Literature, 47(2), 315-372.
- DellaVigna, S., Malmendier, U. (2006), Paying Not to Go to the Gym, American Economic Review, 96(3), 694-719
- Dhami, S. (2016), The Foundations of Behavioral Economic Analysis, Oxford: Oxford University Press
- Dolls, M., Doerrenberg, P., Peichl, A., Stichnoth, H. (2018), Do Retirement Savings Increase in Response to Information about Retirement and Expected Pensions?, Journal of Public Economics, 158, 168-179.
- Fryer, R., Levitt, S., List, J., Sadoff, S. (2022), Enhancing the Efficacy of Teacher Incentives through Framing: A Field Experiment, American Economic Journal: Economic Policy, 14(4), 269-299.
- Gabaix, X. (2019), Behavioral Inattention, in: Handbook of Behavioral Economics, edited by Bernheim, D., DellaVigna, S., Laibson, D., vol. 2, Elsevier, pp. 261-343.
- Gruber, J., Mullainathan, S. (2005), Do Cigarette Taxes Make Smokers Happier, Advances in Economic Analysis & Policy5(1), Article4.
- Kooreman, P. (2000), The Labeling Effect of a Child Benefit System, American Economic Review, 90(3), 571-583.
- Laibson, D. (1997), Golden Eggs and Hyperbolic Discounting, Quarterly Journal of Economics, 112(2), 443-477.
- O'Donoghue, T., Rabin, M. (2003), Studying Optimal Paternalism, Illustrated by a Model of Sin Taxes, American Economic Review, Papers & Proceedings, 93(2), 186-191.
- Seiler, S., Tuchmann, A., Yao, S. (2021), The Impact of Soda Taxes: Pass-through, Tax Avoidance, and Nutritional Effects, Journal of Marketing Research, forthcoming.
- Sunstein, C. (2013), The Storrs Lectures: Behavioral Economics and Paternalism, Yale Law Journal.
- Thaler, R., Benartzi, S. (2004), Save More Tomorrow: Using Behavioral Economics to Increase Employee Saving, Journal of Political Economy, 112(1), S164-S187.
- Thaler, R., Sunstein, C. (2003), Libertarian Paternalism, American Economic Review: Papers & Proceedings, 93(2), 175-179.
- Thaler, R., Sunstein, C. (2009), Nudge – Improving Decisions About Health, Wealth and Happiness, London: Penguin.

Additional notes

Exam question can be answered in English or German

Seminar in Public Economics

module number
MRIEB20232- XX-M31
Course name
Seminar in Public Economics - Replicating Empirical Research
module coordinator
Prof. Dr. Stefan Bauernschuster

examination number	credit points (ECTS)	hours per week (SWS)
XX-SE-031	7	2
availability	**duration**	**recommended semester**
Winter semester	1 semester	3

workload
Seminar 2 SWS (30 hours class instruction; 180 hours self-study) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
module applicability
MIEB Version WiSe 23/24: Modulgruppe D: Governance, Institutions and Development **MIEB Version WiSe 18/19:** Modulgruppe D: Governance, Institutions and Development
reference to the LPO I
recommended requirements
Basic knowledge in STATA or R
obligatory requirements
In-depth microeconometric knowledge (in particular on quasi-experimental methods) acquired for example in the courses "Natural and Field Experiments" or "Evaluation of Development Policies"
language
English

content
This course introduces students to the replication of empirical research papers. It is divided into two parts. In the first part, students work in groups of two to replicate the main results of a published empirical research paper. The results of this exercise (including the code developed by the students themselves) are then presented to the rest of the class. In the second part, students individually prepare a short seminar paper in which they extend the replication of the paper by conducting further analyses. The research papers assigned will be in the broad area of public economics and the software used can either be Stata or R.
intended learning outcomes (ILOs)
Students who have successfully participated in the module are able to

• analyze and interpret research papers in the area of applied microeconometrics, and evaluate their identifying strategy   • assess the importance of replication in applied research   • develop and strengthen their data literacy skills by working with different types of data sets   • apply econometric methods in Stata or R to replicate research papers   • identify relevant research ideas and implement them by independently extending the analyses conducted in the research paper   • effectively communicate the main results of the empirical exercise in oral and written form, and critically discuss problems encountered
teaching methods
Introductory sessions with interactive elements   Seminar as a blocked course with student presentations and discussions
required attendance
examination (type of examination, scope)
Portfolio (presentation and seminar thesis (6 pages))
overall grade relevance
50% presentation and 50% seminar thesis
possibility of retake exam
reading list
The research papers for replication will be presented in the introductory session.
additional notes
The first part of the seminar mainly consists of the reproduction of a research paper's original findings; we will provide the students with the underlying data set. The students are supposed to explore whether the results replicate and present their replication exercise in the presentation session. While the first part consists of the reproduction of the original study results, the goal of the second part of the course, i.e. the seminar paper, is to shortly summarize the original study and then review and extend the paper's methods and findings. Therefore, each student should independently analyze the robustness of the results and summarize the findings in a short seminar paper.

Economics of Education

module number
MRIEB20232-03-12-M32
Course name
Economics of Education
module coordinator
Prof. Dr. Stefan Bauernschuster

examination number	credit points (ECTS)	hours per week (SWS)
03-12-VL-032	5	2+2
availability	**duration**	**recommended semester**
Every summer semester	1 semester	2

workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study)   Uebung 2 SWS (30 hours class instruction; 45 hours self-study)   Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
module applicability
MIEB Version WiSe 23/24:   Modulgruppe D: Governance, Institutions and Development   **MIEB Version WiSe 18/19:**   Modulgruppe D: Governance, Institutions and Development
reference to the LPO I
recommended requirements
Solid knowledge in (undergraduate) microeconomics   Solid knowledge in microeconometrics, in particular quasi-experimental methods
obligatory requirements
language
English

content
Human capital is a key factor for growth and prosperity of nations. Due to the crucial role of education, Germany's bad performance in recent international school achievement tests has induced heated debates on problems of the current school system and necessary reforms. The first part of this lecture deals with the role of education for the economic development of countries and the effects of schooling on wages and the risk of getting unemployed. Apart from these labor market related impacts, we also look at the effects of schooling on health, crime, and social engagement. It becomes apparent that education is not only about cognitive but also about non-cognitive skills. The second part of the lecture evolves around the question how educational systems should be designed in order to provide the best possible results for children and youths. In addition to the investigating effects of early childhood education, we focus on the effects of class size, (early) educational

tracking, school autonomy as well as the role of teachers. This analysis is based on an in-depth inspection of seminal empirical research papers.

Table of contents:
1) Human capital and growth
2) Human capital theory
3) Signalling theory
4) Cognitive and non-cognitive skills
5) Education and health
6) Education, citizenship, and crime
7) Early childhood education
8) Class size effects
9) Effects of (early) tracking
10) The role of teachers

intended learning outcomes (ILOs)

Students who have successfully participated in the module are able to

- illustrate the most important theoretical models in the field of economics of education, such as the human capital theory, signaling theory, or the technology of skill formation
- describe and critically discuss the determinants and effects of education
- interpret empirical evidence on the topics discussed, and assess the merits and limitations of empirical studies
- demonstrate a clear understanding of methods used in empirical research, such as RDD, Difference-in-Differences, and IV
- develop informed policy conclusions and contribute to debates on the economics of education
- communicate research findings effectively in oral and written formats

teaching methods

Classroom lecture with interactive elements (Vorlesung mit Seminarcharakter)
Uebung with tutorials and student presentations

required attendance

examination (type of examination, scope)

Final exam (90 minutes)
or portfolio (final exam (90 minutes) and oral presentation)

overall grade relevance

100% final exam or 80% final exam and 20% oral presentation

possibility of retake exam

reading list

- Angrist, J., Krueger A.B. (1991), Does Compulsory School Attendance Affect Schooling and Earnings? Quarterly Journal of Economics, 106(4), 979-1014.
- Becker, G. (1974), A Theory of Social Interactions, Journal of Political Economy, 82(6), 1063–1093.
- Becker, G., Murphy, K. (1988), The Family and the State, Journal of Law and Economics, 31, 1-18.
- Becker, S., Grosfeld, I., Grosjean, P., Voigtländer, N., Zhuravskaya, E. (2020), Forced Migration and Human Capital: Evidence from Post-WWII Population Transfers, American Economic Review, 110(5), 1430-1463.
- Borjas, G. (2013), Labor Economics, New York: McGraw-Hill.
- Buckles, K., Hagemann, A., Malamud, O., Morrill, M., Wozniak, A. (2016), The Effect of College Education on Mortality, Journal of Health Economics, 50, 99-114.

- Case, A., Deaton, A. (2021), The Great Divide: Education, Despair, and Death, NBER Working Paper 129241.
- Case, A., Deaton, A. (2023), Accounting for the Widening Mortality Gap Between Adult Americans With and Without a BA, NBER Working Paper 31236.
- Chetty, R., Friedman, J., Rockoff, J. (2014), Measuring the Impacts of Teachers II: Teacher Value-Added and Student Outcomes in Adulthood, American Economic Review 104(9), 2633-2679.
- Clark, D., Royer, H. (2013), The Effect of Education on Adult Mortality and Health: Evidence from Britain, American Economic Review, 103(6), 2087-2120.
- Clark, D., Martorell, P. (2014), The Signaling Value of a High School Diploma, Journal of Political Economy, 122(2), 282-318.
- Cunha, F., Heckman, J. (2007), The Technology of Skill Formation, American Economic Review, 97(2), 31-47.
- Datta Gupta, N., Simonsen, M. (2010), Non-cognitive Child Outcomes and Universal High Quality Child Care, Journal of Public Economics, 94, 30-43.
- Dustmann, C., Puhani, P, Schönberg, U. (2016), The Long-Term Effects of Early Track Choice, Economic Journal, 127, 1348-1380.
- Edin, P.-A., Fredriksson, P., Nybom, M., Öckert, B. (2022), The Rising Return to Noncognitive Skill, American Economic Journal: Applied Economics, 14(2), 78-100.
- Ermisch, J. (2003), An Economic Analysis of the Family, Princeton: Princeton University Press.
- Goldin, C. (2003), The Human Capital Century, Education Next, 3(1), 73-78.
- Groot, W., Oosterbeek, H. (1994), Earnings Effects of Different Components of Schooling: Human Capital Versus Screening, The Review of Economics and Statistics, 76(2), 317-321.
- Grossman, M. (2006), Education and Nonmarket Outcomes, in: Hanushek, Eric, Welch, Finis (ed.), Handbook of the Economics of Education, Vol.1, 577-634.
- Gust, S., Hanushek, E., Woessmann, L. (2024), Global Universal Basic Skills: Current Deficits and Implications for World Development, Journal of Development Economics, 166, 103205.
- Hanushek, E., Rivkin, S. (2010), Generalizations about Using Value-Added Measures of Teacher Quality, American Economic Review P&P, 100, 267-271.
- Hanushek, E., Woessmann, L. (2006), Does Educational Tracking Affect Performance and Inequality? Difference-in-Differences Evidence Across Countries, Economic Journal, 116, D63-D76.
- Hanushek, E., Woessmann, L. (2008), The Role of Cognitive Skills in Economic Development, Journal of Economic Literature, 46(3), 607- 668.
- Havnes, T., Mogstad, M. (2011), No Child Left Behind: Subsidized Child Care and Children's Long-run Outcomes , American Economic Journal: Economic Policy, 3(2), 97-129.
- Heckman, J., Pinto, R., Savelyev, P. (2013), Understanding the Mechanisms Through Which an Influential Early Childhood Program Boosted Adult Outcomes, American Economic Review, 103(6), 2052- 2086.
- Jackson, C.K. (2018), What Do Test Scores Miss? The Importance of Teacher Effects on Non-Test Score Outcomes, Journal of Political Economy, 126(5), 2072-2107.
- Lochner, L., Moretti, E. (2004), The Effect of Education on Crime: Evidence from Prison Inmates, Arrests, and Self-Reports, American Economic Review, 94(1), 155-189.
- Meara, E., Richards, S., Cutler, D. (2008), The Gap Gets Bigger: Changes in Mortality and Life Expectancy by Education, 1981-2000, Health Affairs, 27(2), 350-360.
- Milligan, K., Moretti, E., Oreopoulos, P. (2004), Does Education Improve Citizenship? Evidence from the US and the UK, Journal of Public Economics, 88 (9-10), 1667-1695.
- Oreopoulos, P. (2006), Estimating Average and Local Average Treatment Effects of Education when Compulsory Schooling Laws Really Matter, American Economic Review, 96(1), 152-175.
- Spence, M. (1973), Job Market Signaling, Quarterly Journal of Economics, 87(3), 355-374.
- Taylor, L. (1999), Government's Role in Primary and Secondary Education, Federal Reserve Bank of Dallas: Economic Review (1), 15-24

• Vandenbussche, J., Aghion, P., Meghir, C. (2006), Growth, Distance to Frontier and Composition of Human Capital, Journal of Economic Growth, 11, 97–127.

additional notes
Exam questions can be answered in English or German

Economics of Crime

Module number
MRIEB20232-XX-M33
Course name
Economics of Crime
Module coordinator
Dr. Aixa Maria Garcia-Ramos, Prof. Dr. Stefan Bauernschuster

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-033	5	2+2
Availability	**Duration**	**Recommended semester**
Summer semester	1 semester	2

Workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Uebung 2 SWS (30 hours class instruction; 45 hours self-study) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe D: Governance, Institutions and Development **MIEB Version WiSe 18/19:** Modulgruppe D: Governance, Institutions and Development
Reference to the LPO I
Recommended prerequisites
Solid knowledge in (undergraduate) microeconomics and statistics/econometrics
Requirements
Language of instruction
English

Content
This module introduces students to the theoretical and empirical contributions of economists to the understanding of crime. The economic approach to crime assumes that individuals choose whether to commit a crime based on a rational comparison of its expected costs and benefits. We start by reviewing the theoretical model of crime developed by Becker (1968), which has been the seminal work in the field. After introducing the key elements and implications of this model, we focus on the growing number of empirical studies that have attempted to test its predictions. More specifically, the module covers topics such as the role of policing, imprisonment, labour market opportunities, education, immigration, drug policy, and guns. We also examine the recent contributions in the subfields of intimate partner violence and organised crime. Throughout the course we will become

familiar with a variety of sources of crime data, as well as policy evaluation methods commonly used in these empirical analyses.

Table of Contents:
Chapter 1: Introduction
Chapter 2: Economic models of crime
Chapter 3: Taking the model to the data
Chapter 4: Probability of apprehension
Chapter 5: Severity of punishment
Chapter 6: Labour market
Chapter 7: Education
Chapter 8: Immigration
Chapter 9: Returns to crime
Chapter 10: Illegal drugs
Chapter 11: Social interactions
Chapter 12: Intimate partner violence
Chapter 13: Organised crime

Intended learning outcomes (ILOs)

Students who have successfully participated in this module should be able to
- demonstrate a clear understanding of the main topics in the field of the economics of crime including Becker's theoretical model and the role of several determinants of crime
- interpret and think critically about Becker's theoretical model and approximately 15 empirical studies reviewed in the lectures and tutorials
- synthesise and communicate the Content of the reviewed papers effectively in written and oral forms
- conduct rigorous research and participate in well-informed debates on the area of the economics of crime.

Teaching methods

Classroom lecture with interactive elements (Vorlesung mit Seminarcharakter)
Uebung with tutorials and student presentations

Required attendance

Examination (type of examination, scope)

Portfolio (final exam and presentation or seminar paper and presentation)

Overall grade relevance

75% final exam and 25% presentation or 60% seminar paper and 40% presentation

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

- Aizer, A. (2010). The gender wage gap and domestic violence. The American Economic Review, 100(4), 1847-1859.
- Becker, G. (1968) Crime and punishment: An economic approach. Journal of Political Economy, 76(2): 169-217.
- Bell, B., Fasani, F., Machin, S. (2013). Crime and immigration: Evidence from large immigrant waves. Review of Economics and statistics, 21(3): 1278–1290.
- Brassiolo, P. (2016). Domestic violence and divorce law: When divorce threats become credible. Journal of Labor Economics, 2(34), 443-477.
- Cameron, S. (1988). The economics of crime deterrence: A survey of theory and evidence. Kyklos, 41: 301-323.
- Chalfin, A., McCrary, J. (2017). Criminal deterrence: A review of the literature. Journal of Economic Literature, 55(1): 5-48.

- Cook, P. J., Kang, S. (2016). Birthdays, schooling, and crime: Regression-discontinuity analysis of school performance, delinquency, dropout, and crime initiation. American Economic Journal: Applied
- Economics, 8(1): 33-57.
- Corno, L. (2017). Homelessness and crime: do your friends matter? The Economic Journal, 127(602): 959-995.
- Di Tella, R., Schargrodsky, E. (2013). Criminal recidivism after prison and electronic Monitoring. Journal of Political Economy, 121(1): 28-73.
- Dobkin, C., Nicosia, N. (2009). The War on Drugs: methamphetamine, public health, and crime. The American Economic Review, 99(1): 324-349.
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- Dube, O., Garcia-Ponce, O., Thom, K. (2016). From maize to haze: agricultural shocks and the growth of the Mexican drug sector. Journal of the European Economic Association, 14(5): 1181-1224.
- Ehrlich, I. (1973) Participation in illegitimate activities: A theoretical and empirical investigation. Journal of Political Economy, 81(3): 521-65.
- Gould, E. D., Weinberg, B. A., Mustard, D. B. (2002). Crime rates and local labor market opportunities in the United States: 1979-1997. The Review of Economics and Statistics, 84(1): 45-61.
- Monteiro, J., Rocha, R. (2017). Drug battles and school achievement: Evidence from Rio de Janeiro's favelas. The Review of Economics and Statistics, 99(2): 213-228.
- Pinotti, P. (2015). The causes and consequences of organised crime: preliminary evidence across countries. The Economic Journal, 125(586): F158-F174.

Additional notes
Exam questions must be answered in English

Economics of Crime

module number
MRIEB20232-XX-M33
module title
Environmental and Health Economics
module coordinator
Dr. Benedikt Janzen

examination number	credit points (ECTS)	hours per week (SWS)
	5	2+2
Availability	**duration**	**recommended semester**
Summer semester	1 semester	2

Workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study)   Uebung 2 SWS (30 hours class instruction; 45 hours self-study)   Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
module applicability
MIEB Version WiSe 23/24:   Modulgruppe D: Governance, Institutions and Development   **MIEB Version WiSe 18/19:**   Modulgruppe D: Governance, Institutions and Development
reference to the LPO I
recommended requirements
Solid knowledge in (undergraduate) microeconomics   Solid knowledge in microeconometrics, in particular quasi-experimental methods
obligatory requirements
language
English

Content
This course focuses on the economic analysis of health and the environment. We begin by introducing the theoretical concepts of environmental economics, including the theories of externalities and environmental policy. While these concepts provide a foundation, the primary focus of the course is empirical. We start by exploring the causal impact of temperature extremes on human health (and other aspects of human life) and the environmental policies aimed at mitigating or adapting to these effects. We will discuss different approaches to measuring the social cost of carbon, a key tool for effective climate policy design. We then turn our focus to other environmental hazards resulting from increased human economic activity—such as air pollution, water pollution, noise pollution, toxic substances, and biodiversity loss—and their causal impact on human health,

while assessing the effectiveness of various environmental policies in mitigating these risks. We will look at inequalities in environmental exposure and damages from an economic perspective, and discuss the distributional impacts of environmental policies. Finally, we will explore international environmental issues, such as transboundary pollution and pollution-haven effects, and their connections to human health.

intended learning outcomes (ILOs)

Students who have successfully participated in this module should be able to
- demonstrate a clear understanding of theoretical concepts in the field of environmental economics
- interpret empirical evidence on the topics discussed and assess the merits and limitations of empirical studies
- describe and discuss the impact of environmental stressors on human health and other aspects of human life
- asses the relative strengths and weaknesses of environmental policies and contribute to well-informed debates on the intersection of environmental and health economics

teaching methods

Classroom lecture with interactive elements (Vorlesung mit Seminarcharakter)
Uebung with tutorials and student presentations

required attendance

examination (type of examination, scope)

Portfolio (final exam and presentation)

overall grade relevance

80% final exam and 20% presentation

possibility of retake exam

reading list

Textbook
Phaneuf, D. J., & Requate, T. (2016). *A course in environmental economics: Theory, policy, and practice*. Cambridge University Press.
Articles
Graff Zivin, J., & Neidell, M. (2013). Environment, health, and human capital. *Journal of Economic Literature*, *51*(3), 689-730.
Dell, M., Jones, B. F., & Olken, B. A. (2014). What do we learn from the weather? The new climate-economy literature. *Journal of Economic literature*, *52*(3), 740-798.
Auffhammer, M. (2018). Quantifying economic damages from climate change. *Journal of Economic Perspectives*, *32*(4), 33-52.
Banzhaf, S., Ma, L., & Timmins, C. (2019). Environmental justice: The economics of race, place, and pollution. *Journal of Economic Perspectives*, *33*(1), 185-208.
Hsiang, S., Oliva, P., & Walker, R. (2019). The distribution of environmental damages. *Review of Environmental Economics and Policy*.
Carleton, T., Jina, A., Delgado, M., Greenstone, M., Houser, T., Hsiang, S., ... & Zhang, A. T. (2022). Valuing the global mortality consequences of climate change accounting for adaptation costs and benefits. *The Quarterly Journal of Economics*, *137*(4), 2037-2105.
Barreca, A., Clay, K., Deschenes, O., Greenstone, M., & Shapiro, J. S. (2016). Adapting to climate change: The remarkable decline in the US temperature-mortality relationship over the twentieth century. *Journal of Political Economy*, *124*(1), 105-159.
Deryugina, T., Heutel, G., Miller, N. H., Molitor, D., & Reif, J. (2019). The mortality and medical costs of air pollution: Evidence from changes in wind direction. *American Economic Review*, *109*(12), 4178-4219.
Barwick, P. J., Li, S., Lin, L., & Zou, E. Y. (2024). From fog to smog: The value of pollution information. *American Economic Review*, *114*(5), 1338-1381.

Zou, E. Y. (2021). Unwatched pollution: The effect of intermittent monitoring on air quality. *American Economic Review*, *111*(7), 2101-2126.

Ebenstein, A. (2012). The consequences of industrialization: Evidence from water pollution and digestive cancers in China. *Review of Economics and Statistics*, *94*(1), 186-201.

Marcus, M. (2022). Testing the water: Drinking water quality, public notification, and child outcomes. *Review of Economics and Statistics*, *104*(6), 1289-1303.

Keiser, D. A., Mazumder, B., Molitor, D., & Shapiro, J. S. (2023). Water works: Causes and consequences of safe drinking water in America, mimeo.

Dean, J. T. (2024). Noise, cognitive function, and worker productivity. *American Economic Journal: Applied Economics*, *16*(4), 322-360.

Taylor, M. S. (2011). Buffalo hunt: International trade and the virtual extinction of the North American bison. *American Economic Review*, *101*(7), 3162-3195.

Frank, E., & Sudarshan, A. (2024). The social costs of keystone species collapse: Evidence from the decline of vultures in India. *American Economic Review*, *114*(10), 3007-3040.

Hollingsworth, A., & Rudik, I. (2021). The effect of leaded gasoline on elderly mortality: Evidence from regulatory exemptions. *American Economic Journal: Economic Policy*, *13*(3), 345-373.

Marcus, M. (2021). Going beneath the surface: Petroleum pollution, regulation, and health. *American Economic Journal: Applied Economics*, *13*(1), 72-104.

Banzhaf, H. S., Ma, L., & Timmins, C. (2019). Environmental justice: Establishing causal relationships. *Annual Review of Resource Economics*, *11*(1), 377-398.

Colmer, J., & Voorheis, J. (2020). The intergenerational effects of early-life pollution exposure, mimeo.

Currie, J., Voorheis, J., & Walker, R. (2023). What caused racial disparities in particulate exposure to fall? New evidence from the Clean Air Act and satellite-based measures of air quality. *American Economic Review*, *113*(1), 71-97.

Hernandez-Cortes, D., & Meng, K. C. (2023). Do environmental markets cause environmental injustice? Evidence from California's carbon market. *Journal of Public Economics*, *217*, 104786.

Tanaka, S., Teshima, K., & Verhoogen, E. (2022). North-South displacement effects of environmental regulation: The case of battery recycling. *American Economic Review: Insights*, *4*(3), 271-288.

Heo, S. W., Ito, K., & Kotamarthi, R. (2025). International spillover effects of air pollution: Evidence from mortality and health data. *Review of Economics and Statistics, forthcoming*.

additional notes

Health, Development and Public Policy

Module number
MRIEB20232-03-12-M34
Course name
Health, Development and Public Policy
Module coordinator
Prof. Dr. Michael Grimm

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-034	5	2+2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Lecture 2 SWS (28 h Contact hours and 48 h Self study) Tutorial 2 SWS (24 h Contact hours and 24 h Self study) Exam Preparation (2 h Contact hours and 24 h Self study) We are calculating with 15 semester weeks (14 lecture + 1 examination week). Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe D: Governance, Institutions and Development **MIEB Version WiSe 18/19:** Modulgruppe D: Governance, Institutions and Development
Reference to the LPO I
Recommended prerequisites
An understanding of intermediate micro and macro-economics and basic quantitative analysis is required. Prior knowledge in development economics is an advantage, but not necessary.
Requirements
Language of instruction
English

Content
Health and nutrition are important inputs to individual well-being and economic development. Individual and population health in turn are driven by individual income and public resources allocated to the health sector. This two-way relationship renders the link between health and economic development complex and the evaluation of the economic impacts of health interventions a challenging endeavour. The course is designed to illustrate these challenges and deals with three broad issues • the linkages between health and economic growth, in particular, in the context of developing countries,

- the evaluation of specific policy interventions in the health sector, and
- an examination of the rationale for public provision of health care, factors driving resource allocation and the effectiveness of public health spending including public health insurance.

Intended learning outcomes (ILOs)

Students who have successfully participated in the Module "Health, Development and Public Policy":
- define the concept of health in health economics.
- understand possible transmission channels between health and development.
- assess models explaining health related behavior and health investment.
- illustrate specific health problems and develop possible solutions.
- reflect on the economic, political and social rationale for the public provision of health expenditure.
- interpret the results from impact evaluations of health interventions and policy reforms.

Teaching methods

Lecture, class room discussions, tutorials (Übungen).

Required attendance

Examination (type of examination, scope)

Written exam 90 min

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

- A course book with detailed information about the course.
- Lecture notes in form of power points (downloadable).
- Readings (for details, see course book)

Additional notes

Growth, Inequality and Poverty

Module number
MRIEB20232-03-12-M35
Course name
Growth, Inequality and Poverty
Module coordinator/ examiner(s)
Prof. Dr. Michael Grimm

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-12-VL-035	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture 2 SWS (28 h Contact hours and 48 h Self study)   Tutorial 2 SWS (24 h Contact hours and 24 h Self study)   Exam Preparation (2 h Contact hours and 24 h Self study)   We are calculating with 15 semester weeks (14 lecture + 1 examination week).   Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24:   Modulgruppe D: Governance, Institutions and Development   **MIEB Version WiSe 18/19:**   Modulgruppe D: Governance, Institutions and Development
LPO I applicability
Recommended prerequisites
An understanding of intermediate micro and macro-economics and basic econometrics is required. Prior knowledge in development economics is an advantage. Students without any prior knowledge in development economics may read the books by either Perkins (2012), Ray (1998) or Todaro and Smith (2006) (see course book for details).
Requirements
Language of instruction
English

Content
The first part of this course, which is delivered by Michael Grimm, discusses the statistical tools and concepts to investigate these dynamics along with many case studies, including an analysis of the driving forces of pro-poor growth in Indonesia, of slow structural change and conflict in Burkina Faso, of impacts of conditional cash transfer programs in Latin America, of the rise of inequality and reduced intergenerational mobility in China, and of the growth and poverty effects of land reform in India.

The second part of the course, which is delivered by Johannes Jütting, focusses on how development policies and development co-operation can contribute to inclusive growth, help fighting poverty and addressing inequality. It starts with an introduction to official development assistance, what it entails and how to measure it, followed by a short recap of the main development strategies from the 1950s to today with a discussion on the Sustainable Development Goals and the Agenda 2030. The course will then turn to the question how digitalization and AI can provide new opportunities for sustainable growth and improving well-being of the population. This part of the course ends with a reflection on the contours of a new narrative for development co-operation in an emerging multi-polar world, shifting wealth from west to east and rising populism in donor countries questioning the effectiveness of multilateral approaches.

Intended learning outcomes (ILOs)

Students who have successfully participated in the Module "Growth, Inequality and Poverty"

• understand the theoretical foundations of commonly used welfare measures.
• reflect on alternative welfare measures and approaches.
• apply the techniques necessary to analyse statistically growth, poverty and inequality dynamics.
• explain recent theories linking economic growth and inequality.
• discuss changing paradigms in countries' development strategies as well as international development cooperation.
• illustrate potential determinants of successful development cooperation and enable critical assessments of the link between development cooperation, poverty and inequality.

Teaching methods

This lecture is organized in a set of lectures and tutorials (Übungen).

Students are explicitly invited to actively participate in the lecture through questions and input for discussion. In the tutorial students solve set problems in relation to the lecture. In addition, students are invited to indicate those parts of the course for which they need additional training. This may refer to a particular concept, an empirical method or a certain debate in development politics. Readings are essential to prepare the class and the exam.

Required attendance

Examination (type of examination, scope)

Written exam 90 min

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

General background readings:
• De Janvry, A. and E. Sadoulet (2016), Development Economics. Theory and Practice. Routledge, London.
• Grimm M., A. McKay and S. Klasen (2007), Determinants of Pro-Poor Growth: Analytical Issues and Findings from Country Cases. London: Palgrave-Macmillan.
• Haughton, J. and S. R. Khandker (2009), Handbook on Poverty and Inequality. World Bank, Washington D.C.
• Perkins, D.H., S. Radelet, D.L. Lindauer and S.A. Block (2012), Economics of Development, Norton & Company.
• Ray D. (1998), Development Economics. Princeton University Press: Princeton.
• Shorrocks, A.F. and R. van der Hoeven (2004), Growth, Inequality and Poverty. Prospects for Pro-Poor Economic Development, Oxford: Oxford University Press.
• Szirmai, A. (2015), Socio-Economic Development. 2nd edition, Cambridge University Press.

- Todaro, M.P. and S.C. Smith (2006), Economic Development. 9th edition (or newer), Pearson: Essex.   - World Bank (2006), World Development Report: Equity and Development. World Bank, Washington D.C.   "Economic Development" by Michael P. Todaro and Stephen C. Smith is available as an e-book in our university library. You can also use this direct link: https://elibrary.pearson.de/book/99.150005/9781292291208
Additional notes

Seminar in Development Economics

Module number
MRIEB20232-XX-M36
Course name
Masterseminar
Module coordinator
Prof. Dr. Michael Grimm

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-SE-036	7	2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
30 h Contact hours and 180 h Self-study   We are calculating with 15 semester weeks (14 lecture + 1 examination week).   Each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24:   Modulgruppe D: Governance, Institutions and Development   **MIEB Version WiSe 18/19:**   Modulgruppe D: Governance, Institutions and Development
Reference to the LPO I
Recommended prerequisites
Basic knowledge in econometrics as well as micro- and macroeconomics is required. While a strong mathematical or statistical background is not necessary to follow the course, students will be expected to engage with several papers using regression analysis and data science. Prior knowledge in development economics and/or political economy is an advantage but not necessary..
Requirements
Language of instruction
English

Content
The seminar focuses on fundamental problems of socio-economic development at an advanced level. If offers an integrated mix of theories, empirical testing, policy evaluations and political debate. The topics change from year to year.
Intended learning outcomes (ILOs)
Students who have successfully participated in the Module "Seminar: Development Economics":   • developed a basic understanding in a certain field of development economics.   • identified, reviewed and synthesized relevant scientific literature.   • explain the basics of the theoretical and theoretical approaches used in the literature.

• wrote and presented a scientific research paper based on the reviewed literature.
• assess own empirical material to complement their literature review.
• identified research gaps in the literature.
• engaged in scientific debates with other students.
• critically reflect on the seminar papers by other students.

Teaching methods
The seminar can be organized as a block seminar during the lecture period or as a series of introductory lectures and discussions, followed by students' presentations of one of the research articles from the course and a prepared referee report on this article. Please see syllabus and course book.

Required attendance

Examination (type of examination, scope)
Students are expected to choose one of the research articles from the list, write a three-to-five page referee report or research proposal based on the paper chosen, and present both the summary of the research paper and referee report/research proposal in the class. The grade will consist of a Presentation (30%) + Referee report (50%) + Discussion and participation in class (20%).

Overall grade relevance

Exam resit opportunities
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading
Materials from the course (i.e. academic papers, published in international journals and referee reports)

Additional notes

Modulgruppe E: Business

Organization Theory and Sustainable Leadership

Module number
MRIEB20232-02-11-M42
Course name
Organization Theory and Sustainable Leadership
Module coordinator
Prof. Dr. Suleika Bort

Examination number	Credit points (ECTS)	Hours per week (SWS)
02-11-VL-042	5	3
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
3 SWS
Module applicability
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business
Reference to the LPO I
Recommended prerequisites
According to § 3 of the study and examination regulations for the Master's degree program in International Economics and Business.
Requirements
Language of instruction
English

Content
This course provides an overview of the key issues and arguments within organization theory and critically discusses and applies them in the context of sustainability, justice, and social responsibility. Furthermore, the course discusses various sustainable and ethical leadership ideas and highlights the value of theory for organizational analysis, leadership and decision making.
Intended learning outcomes (ILOs)
After successful participation in this course, students • develop the perspective that leaders and organizations have agency and a role in addressing issues such as social inequality and environmental degradation. • understand different theoretical approaches to explain the activities of organizations and apply them to examples and practical cases.

• critically reflect the boundaries of these theories, asking whether there are alternative ways to manage firms and engage in sustainable leadership.
• examine different cases of leaders and firms that have reimagined their roles, objectives, and directions they have followed.

Teaching methods
• Interactive lecture with seminar character
• Discussion of questions, readings and case studies linked to the topic

Required attendance
Yes

Examination (type of examination, scope)
Portfolio

Overall grade relevance

Exam resit opportunities
No; Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading
References will be given in the course.

Additional notes

Organizational and Competitive Strategy

Module number
MRIEB20232-03-11-M51
Course name
Organizations and Innovation Strategy
Module coordinator
Prof. Dr. Carolin Häussler, Dr. Patrick Figge

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-11-VL-051	5	4
Availability	**Duration**	**Recommended semester**
irregular	1 semester	

Workload
Lecture: 2 SWS (30 hrs. class instruction, 65 hrs. self-study) Exercise Class: 2 SWS (15 hrs. class instruction, 40 hrs. self-study) Calculation is based on: every hr. per semester week corresponds to 60 minutes. One semester presumably consists of 15 weeks, i.e., 14 course and 1 exam week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business
Reference to the LPO I
Recommended prerequisites
Requirements
Language of instruction
English

Content
This course focuses on the organizational and strategic challenges companies face in order to obtain a sustainable competitive advantage. It engages in an application-oriented analysis of intercompany interaction along the value chain. The course discusses how companies organize to innovate and decide for strategic moves in order to attain competitive advantage. Amongst others, topics covered by this course will be pricing decisions, market entry decisions, intellectual property protection, network effects, and vertical relations within the value chain.
Intended learning outcomes (ILOs)
Students who have successfully participated in the module "Organizations and Innovation Strategy", • explain key theoretical concepts of management, competition and strategy science.

• combine and compare knowledge of theoretical concepts with the understanding of emerging trends. In so doing, students discuss resulting consequences for strategic decision-making in organizations, e.g., the strategic implications of network effects on the management of platform ecosystems.
• perform analyses to quantify abstract decision-making scenarios through game theoretic and economic models (e.g., simultaneous and sequential decision-making games).
• assess corporate strategies through analyzing competitive environments surrounding organizations.
• develop adequate recommendations for organizations.

Teaching methods

- Interactive lecture
- Discussion of contents
- Discussion of questions and case studies linked to the organizational and innovation strategy of companies
- Interactive surveys and classroom experiments

Required attendance

Examination (type of examination, scope)

Written exam at the end of the course (60 Minutes)

Overall grade relevance

Exam (100%)

Exam resit opportunities

Gem. der Prüfungs- und Studienordnung für den Masterstudiengang

Recommended reading

Additional notes

- This lecture replaces the lecture "Organizational and Competitive Strategy" (you cannot include both courses in your degree program)
- Guest lectures, integration of videos, case studies
- A weekly exercise class (#32825) will supplement the lecture by repeating and intensifying core concepts.
- The module is applicable to the Certificate Program in Digital Technology and Entrepreneurship: Entrepreneurial Pathfinder.

Managing and Leading Strategic Innovation and Change

Module number
MRIEB20232-03-11-M52
Course name
Managing and Leading Strategic Innovation and Change
Module coordinator
Prof. Dr. Andreas König

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-11-VL-052	5	2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Lecture 2 SWS (30h presence time and 120h own working time) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
Module applicability
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business
Reference to the LPO I
Recommended prerequisites
According to § 3 of the study and examination regulations for the International Economics and Business Master's program.
Requirements
Language of instruction
English

Content
Over the past decades, few challenges have become more vital to organizations than creating value and growth through strategic innovation. This course illuminates the focal issues involved in such breakthroughs of creating and capturing value in an industry. Our journey starts by looking at the specific difficulties of incumbent firms when engaging in strategic innovation and ends by investigating the opportunities that emerge as a consequence of the inertia of incumbent organizations. We particularly focus on how leaders of teams and organizations can shape strategic change, both by looking at real-life cases and by reading, and reflecting on, state-of-the-art scholarly work on strategic innovation.
Intended learning outcomes (ILOs)
After successful participation in this course, students

• Understand and elaborate what strategic innovation is
• Explain and evaluate the specific challenges involved in strategic innovation
• Transfer frameworks and knowledge to real-life cases of strategic change, both from the perspective of established organizations as well as entrepreneurial start-ups

Teaching methods

• Classroom discussions
• Critical reflection of current research papers
• Presentation of case studies and exercises

Required attendance

Examination (type of examination, scope)

Written exam, 60 minutes, 100% of the final grade

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

• Backhaus, K., Erichson, B., Plinke W., Weiber, R.: Multivariate Analysemethoden. Eine anwendungsorientierte Einführung, 11. Aufl., Berlin, 2006.
• Diekmann, A.: Empirische Sozialforschung, 12. Aufl., Hamburg, 2004.
• Schnell, R., Hill, P., Esser, E.: Methoden der empirischen Sozialforschung, 7. Aufl., München, 2005.
• Research articles (will be announced during the semester)

Additional notes

For more information, please visit Stud.IP

International Accounting

Module number
MRIEB20232-03-11-M53
Course name
International Accounting
Module coordinator/ examiner(s)
Prof. Dr. Christoph Pelger

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-11-VL-053	5	4
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Tutorials 2 SWS (30 hours class instruction; 45 hours self-study). The calculation is based on 15 semester weeks (14 lecture weeks + 1 exam week) and each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business
LPO I applicability
Recommended prerequisites
Basic knowledge in accounting (not necessarily IFRS)
Requirements
Language of instruction
English

Content
International Financial Reporting Standards (IFRS) are the global language of business because listed companies in more than 140 countries around the world (and many large non-listed companies) are required or at least have an option to use them for preparing their financial statements. This course aims to provide an in-depth understanding of IFRS in terms of the institutional structure of the standard-setter, the conceptual mindset of IFRS, and selected key standards. For instance, this course covers topics such as revenue recognition, intangible assets, provisions and fair value measurement. Together with the course on Advanced International Accounting (offered in the summer term), this course aims to provide master students with a comprehensive overview of IFRS.

Intended learning outcomes (ILOs)
After successful participation in this course, students • Explain the historical development of international accounting and the institutional setting of the International Accounting Standards Board (IASB). • Understand the conceptual mind-set of IFRS as outlined in the IASB's Conceptual Framework and characterize the interplay between framework and standards. • Summarize key accounting topics on recognition and measurement arising in specific standards in IFRS and apply them to examples and practical cases. • Assess the pros and cons associated with internationalization in accounting, IASB policies and specific concepts and standards in IFRS. • Develop suggestions on possible ways forward regarding IFRS standard-setting and implementation in light of practical concerns and research insights.
Teaching methods
Interactive lecture with cases and discussions; exercises in the tutorial
Required attendance
Examination (type of examination, scope)
100 % final exam (60 minutes)
Overall grade relevance
Exam resit opportunities
Recommended reading
Additional notes
This course is taught in English.

Reporting of Digital Business Models

Module number
MRIEB20232-03-11-M43
Course name
Reporting of Digital Business Models
Module coordinator/ examiner(s)
Prof. Dr. Christoph Pelger

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-11-VL-043	5	3
Availability	**Duration**	**Recommended semester**
Every summer semester, but not in the summer term 2025	1 semester	

Workload
Lecture 3 SWS (45 hours class interaction; 105 hours self-study). The calculation is based on 15 semester weeks (14 lecture weeks + 1 exam week) and each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 23/24: Modulgruppe E: Business   **MIEB Version WiSe 18/19:** Modulgruppe E: Business
LPO I applicability
Recommended prerequisites
Basic knowledge of financial accounting (not necessarily IFRS)
Requirements
Language of instruction
English

Content
Digital business models are ever more pervasive in business practice. The traditional financial reporting approaches, however, are limited in depicting the key value drivers of digital business models in a transparent and useful manner. This raises the following questions: • How informative are financial reports of (listed) companies with digital business modelsabout their key value drivers?   • How could financial reporting be transformed to reflect the increasing importance of digitalbusiness models?   This course first introduces relevant International Financial Reporting Standards (IFRS) that focus on the recognition and measurement of intangible assets. Cases of listed companies with digital business models are used to reflect on the abilities and limitations of current accounting standards to provide decision-useful information. Current research is then mobilized to shed light on more general Major Accounting and Tax, Minor Reporting and Controlling, Minor Digital Management and Strategy

issues with the accounting for intangible assets under IFRS. Finally, current standard-setting and other regulatory developments in the area of intangible assets accounting are discussed.

Intended learning outcomes (ILOs)

After successful participation in this course, students
• Summarize relevant financial reporting standards on intangible assets and apply them to examples and practical cases.
• Assess academic research on the reporting of intangible assets.
• Outline key aspects of digital business models and assess the limits of depicting them in financial statements.
• Analyze the financial statements of listed companies with digital business models.
• Develop suggestions of how the financial reporting standards could be improved to provide more decision-useful information about companies with digital business models.
• Present their insights into practical cases and research studies effectively in oral presentations and short essays.

Teaching methods

Lecture with seminar character (Interactive lecture with cases, student presentations and discussions; exercises in the tutorial).

Required attendance

Examination (type of examination, scope)

Individual essay(s), individual and group presentations, active participation in the sessions.

Overall grade relevance

Exam resit opportunities

Recommended reading

Additional notes

The course is taught in English.

The number of participants is limited. Prior application for this course is necessary. Information on the application process are provided on the website of the Chair of Accounting and Auditing and in Stud.IP.

Advanced International Accounting

Module number
MRIEB20232-03-11-M44
Course name
Advanced International Accounting
Module coordinator/ examiner(s)
Prof. Dr. Christoph Pelger

Examination number	Credit points (ECTS)	Hours per week (SWS)
03-11-VL-044	5	2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	Master students

Workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Tutorials 2 SWS (30 hours class instruction; 45 hours self-study)
Module applicability
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business
LPO I applicability
Recommended prerequisites
Requirements
Basic knowledge in IFRS is required.
Language of instruction
English

Content
This course aims to provide insights into advanced topics in international accounting. The course presents research on the effects of IFRS adoption and introduces a number of specific standards in IFRS, dealing with topics such as lease accounting, deferred taxes, post-employment benefits, consolidation, business combinations, joint operations, associates.
Intended learning outcomes (ILOs)
The learning objectives of this course are to: •Understand and apply specific accounting topics in IFRS. •Discuss recent developments in IFRS. •Reflect on the content and application of IFRS. Overall, together with the basic course on International Accounting (offered in the winter term), this course aims to provide master students with a comprehensive overview of IFRS.

Major Accounting and Tax, Minor Reporting and Controlling
Teaching methods
Lecture, cases, discussions
Required attendance
Examination (type of examination, scope)
100 % final exam (60 minutes)
Overall grade relevance
Exam resit opportunities
Recommended reading
Additional notes
This course is taught in English.

Electronic Markets

Module number
MRIEB20232-XX-M46

Course name
Digital Markets and Online Platforms

Module coordinator
Prof. Dr. Jan Krämer

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-046	5	4
Availability	**Duration**	**Recommended semester**
Every winter semester	1 Semester	

Workload
Lecture 2 SWS (30 hrs. attendance and 45 hrs. self-study) Tutorial 2 SWS (30 hrs. attendance and 45 hrs. self-study) Es wird mit 15 Semesterwochen gerechnet (14 Vorlesungs- + 1 Prüfungswoche) und jede SWS geht mit 60 Minuten in die Berechnung ein.

Module applicability
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business

Reference to the LPO I

Recommended prerequisites
Gem. § 4 der Prüfungs- und Studienordnung für den Masterstudiengang Wirtschaftsinformatik (Information Systems). Basic knowledge of economics is highly recommended. Ideally, but not necessarily, basic knowledge of the Internet economy.

Requirements

Language of instruction
English

Content
The lecture lays a methodological foundation in the economics of digital markets and online platforms, while paying special attention to strategic, technological and behavioral aspects of platform design. Particularly, this includes the following topics: • Strategies for successful launch and governance of platforms • Managing openness of platform ecosystems • Reviews, Ratings and Recommender Systems • Pricing on two-sided platforms • Data-driven platform design and consumer behavior

• Regulating market power and competition issues in digital markets

Intended learning outcomes (ILOs)

Students who have successfully participated in the module "Digital Markets and Online Platforms",
- explain the current state of research on online platforms, firms' strategies in digital markets and the ongoing policy debate on regulation of digital markets.
- interpret business models, governance and design, and competition in the Internet economy.
- perform a complete analytical (algebraic) equilibrium analysis of game-theoretic models for competition between two-sided platforms.
- understand the design of and computations performed by various types of recommender systems.
- illustrate how platform design decisions shape behavior of economic actors on a platform.
- assess how different methodological approaches in the literature contribute to a better understanding of the topic and, where appropriate, to academic or policy debates.

- develop holistic strategies for platform businesses taking into account the idiosyncratic characteristics of digital markets.

Teaching methods
- Interactive lecture
- Tutorial

Required attendance

Examination (type of examination, scope)

Final exam 60 minutes - 100 %

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading
- Parker, G., van Alstyne M., Choudary S. (2016). Platform Revolution. W. W. Norton & Company, Inc.
- Belleflamme, P & M. Peitz (2021). The Economics of Platforms: Concepts and Strategies. Cambridge University Press.

Additional notes
- All teaching material in English language
- Teaching language in English
- Replaces the course "Electronic Markets", students who have already completed the course "Electronic Markets" (PN: 266200) cannot register for this course.

Organizational Behavior

Modulnummer
MRIEB20232-XX-M47
Veranstaltungstitel
Organizational Behavior - Unternehmensführung und Verhalten in Organisationen
Modulverantwortliche/r Prüfer*innen
Prof. Dr. Marina Fiedler

Prüfungsnummer	ECTS	SWS
XX-VL-047	5	2 (+2 für Übung)
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
jedes Sommersemester	1 Semester	1.-4.Semester

Workload
Aufteilung des Workload (zu berechnen in Stunden à 60 Minuten auf 15 Semesterwochen, d.h. 14 Vorlesungs- + 1 Prüfungswoche)
Verwendbarkeit
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business
Bezug zur LPO I
Empfohlene Voraussetzungen
Gem. § 3 der Studien- und Prüfungsordnung für den Masterstudiengang International Economics and Business. Bachelor-Abschluss in einem wirtschaftswissenschaftlichen oder einem den Wirtschaftswissenschaften nahen Studiengang.
Verpflichtende Voraussetzungen
Keine
Unterrichtssprache
Deutsch

Inhalt
Zahlreiche Untersuchungen zeigen, dass das Verhalten von Mitarbeitenden Einfluss auf so zentrale unternehmerische Kenngrößen wie Mitarbeitenden-Fluktuation, Gewinn und Umsatz hat und so nachhaltige Wettbewerbsvorteile für das Unternehmen schaffen kann. Ziel der Veranstaltung ist die Hervorhebung der Bedeutung und Wichtigkeit von Unternehmensführung und Verhalten in Organisationen mit besonderem Bezug auf Wandel in Organisationen. Hierzu werden im Wesentlichen folgende Aspekte behandelt: • Führungsstile • Kommunikation und Feedback • Verhandlungsmanagement • Konfliktmanagement

• Teamwork und Diversität
Nähere Informationen zum Modul finden sich jeweils zum Start der Veranstaltung in Stud.IP.

Lernergebnisse Lernziele
Nach erfolgreicher Teilnahme am Modul sind die Studierenden in der Lage:
• Einflussfaktoren für das Verhalten von Führungskräften zu bestimmen
• Zusammenhänge und Wichtigkeit von Führungsverhalten in Organisationen zu verstehen
• Dynamiken des Verhaltens in Organisationen anhand aktueller Trends zu beurteilen

Lehr- und Lernformen
Interaktiver Frontalunterricht
Gastvorträge von Expertinnen und Experten aus der Praxis
Erarbeitung von eigenen Tools zu den verschiedenen Themenbereichen

Anwesenheitspflicht

Prüfungsleistung (Prüfungsform, Umfang, Gewichtung)
Bei dieser Veranstaltung handelt es sich um eine Portfolio-Veranstaltung. Die Gesamtnote setzt sich aus zwei Teilleistungen zusammen:
Teilleistung 1: Erstellung einer Gruppenarbeit, 25 Punkte
Teilleistung 2: 60-minütige schriftliche Klausur, 60 Punkte
Gesamtnote: Insgesamt (Teilleistung und Klausur) sind maximal 85 Punkte zu erreichen, woraus sich die Gesamtnote berechnet.
Beachten Sie hierfür bitte die aktuellen Hinweise in der Veranstaltung sowie in Stud.IP.

Gesamtnotenrelevanz

Wiederholungsmöglichkeit
Bei Nichtbestehen können alle Veranstaltungen gemäß § 6 der Fachstudien- und -prüfungsordnung wiederholt werden.

Literatur

Weitere Hinweise
Die Benotung der schriftlichen Stellungnahmen zu den verschiedenen Thesen soll zum einen der Umsetzung des theoretisch erlernten Stoffs in praxisrelevante Situationen dienen. Aufgrund der Thematik aus dem Bereich des Verhaltens von Mitarbeitern wäre ohne das Fördern des direkten und selbständigen Anwendens des Stoffs der für das Modul vorgesehene Lernprozess auf zu viele theoretische Komponenten beschränkt. Die praktische Anwendbarkeit wird den Studierenden häufig erst durch das aktive und selbstgesteuerte Durchdenken verschiedener Thematiken bewusst. Das eigentliche Verstehen geschieht erst dann, wenn die Studierenden dazu aufgefordert werden, auf Basis des erlernten Stoffs eigene Lösungswege für praxisrelevante Situationen und Probleme zu entwickeln. Daher soll die praxisbezogene Teilleistung den vollen Lernerfolg des Moduls bei den Studierenden begünstigen. Gleichzeitig erfolgt durch die Korrektur der eingereichten Teilleistungen eine Rückmeldung an die Studierenden über ihren Kenntnisstand und hilft somit, den Lernprozess des Moduls zu begleiten. Mögliche offene Fragen und Wissens- oder Verständnislücken können somit sehr viel zielgenauer aufgegriffen und in der Veranstaltung diskutiert werden. Gleichzeitig soll das Erarbeiten der Stellungnahmen in der Gruppe die sozialen Fähigkeiten der Studierenden trainieren. Schlüsselqualifikationen wie das Arbeiten im Team oder die Problemlösungskompetenz in der Gruppe sollen dadurch ausgebaut werden. Da es sich bei den Thesen um durchaus kritische Themen handelt (z.B. „Konflikte sind ineffizient" oder „Die großen Leistungen in der Geschichte sind insbesondere von Individuen geschaffen worden") soll durch die in Gruppen entstehenden Diskussionen auch die Konfliktfähigkeit der Studierenden gefördert werden. Gleichzeitig sollen die auf den Umgang mit Menschen in Organisationen zugeschnittenen Fragestellungen eine Diskussion über ethisches Verhalten von Führungskräften sowie Mitarbeitern in Unternehmen anregen. Diese Diskussionen tragen enorm zum Erreichen der

Qualifikationsziele des Moduls bei und könnten im Rahmen einer Klausur nicht annähernd abgedeckt werden. Zum Ende der Veranstaltung folgt zur Überprüfung der fachlichen Kompetenzen und des erlernten theoretischen Wissens zusätzlich eine Klausur. Diese soll zur abschließenden Bewertung des Lernerfolgs der Studierenden auf individueller Basis dienen.

International Cooperation and Networks

Modulnummer
MRIEB20232-03-11-M49
Veranstaltungstitel
International Cooperation and Networks
Modulverantwortliche*r / Prüfer*innen
Prof. Dr. Suleika Bort

Prüfungsnummer	ECTS	SWS
03-11-VL-049	5	2
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
Winter term	1 Semester	

Workload
Lecture 2 SWS (30 hours class instruction; 45 hours self-study) Exercise 2 SWS (30 hours class instruction; 45 hours self-study) Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e. 14 course + 1 exam week
Verwendbarkeit
MIEB Version WiSe 23/24: Modulgruppe E: Business **MIEB Version WiSe 18/19:** Modulgruppe E: Business
Bezug zur LPO I
Empfohlene Voraussetzungen
Gem. § 3 der Studien- und Prüfungsordnung für den Masterstudiengang Business Administration.
Verpflichtende Voraussetzungen
Unterrichtssprache
English

Inhalt
International cooperation and networks have drawn a substantial amount of interest in recent years. This lecture focuses on the formation, design, management and performance evaluation of international cooperation and networks. We analyze social networks and discuss how companies can form, design, management and utilize international cooperation and networks in order to gain and maintain a competitive advantage. Amongst others, central topics will be cooperation formation motives, partner selection, governance and design, management and performance evaluations as well as the analysis of social networks via the UCInet software.
Lernergebnisse Lernziele
Students who have successfully participated in the Module „International Cooperation and Networks"

- explain fundamental concepts of corporate cooperations and networks as well as assumptions and mechanics of the main fundamental theories and framework to apply them, especially in an international setting.
- interpret recent developments in "International Cooperations and Networks" in the light of these theories, scientific literature, and apply them to contemporary real-world examples.
- perform case study analysis of suitable companies with the help of an active application of theoretical and practical knowledge gathered in this course.
- illustrate key elements of a life cycle of a network or cooperation, which includes the formation, design, management, performance evaluation and termination of this network or cooperation.
- assess the role of trust, negotiations, and decision making-processes in international cooperations and networks and the relevance of these behavioral processes for business in an international context as well as reflection on the benefits and challenges of cooperation and networks.
- develop criteria for a critical and independent evaluation and interpretation of related scientific findings as well as specific administrative situations in cooperation and networks that enable them to formulate, critically appraise, and argue for practical and theoretical solutions for when encountering typical issues of International Cooperation and Networks..

Lehr- und Lernformen

• Mix of asynchronous virtual and direct on-site lectures
• Discussion of contents with interactive elements
• Discussion of questions, readings and case studies linked to the topic of international cooperation and networks
• Exercise with tutorials and student presentations

Anwesenheitspflicht

Prüfungsleistung (Prüfungsform, Umfang, Gewichtung)

Portfolio. Detailed information will be provided in the first lecture.

Gesamtnotenrelevanz

Wiederholungsmöglichkeit

Literatur

Weitere Hinweise

Guest lectures may be offered.

Lecture and exercise classes will be held in English.

Lectures in Advanced Business Administration – Finanzcontrolling I

Modulnummer
MRIEB20232-XX-M50
Veranstaltungstitel
Finanzcontrolling I
Modulverantwortliche*r / Prüfer*innen
Prof. Dr. Niklas Wagner

Prüfungsnummer	ECTS	SWS
XX-VL-050	5	2
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
Jedes Sommersemester, Fortführung in Finanzcontrolling II	1 Semester	

Workload
Zusammensetzung / Aufteilung des Workload: Veranstaltungen   Vorlesung 2 SWS, Übungen 1 SWS = Summe 3 SWS, 5 ECTS   Aufteilung des Workload (zu berechnen in Stunden à 60 Minuten auf 15 Semesterwochen, d.h. 14 Vorlesungs- + 1 Prüfungswoche)   Präsenzzeit: Vorlesung 30, Übung 15,   Eigenarbeitszeit: Vorlesung 70, Übung 35   Es wird mit 15 Semesterwochen gerechnet (14 Vorlesungs- + 1 Prüfungswoche) und jede SWS geht mit 60 Minuten in die Berechnung ein.
Verwendbarkeit
MIEB Version WiSe 23/24:   Modulgruppe E: Business
Bezug zur LPO I
Empfohlene Voraussetzungen
Gem. § 3 der Studien- und Prüfungsordnung für den Masterstudiengang IEB.   Inhalte des Moduls Corporate Finance sowie solide Grundkenntnisse in Statistik und Wahrscheinlichkeitstheorie werden empfohlen.
Verpflichtende Voraussetzungen
Bachelor-Abschluss in einem wirtschaftswissenschaftlichen oder den Wirtschaftswissenschaften nahen Studiengang
Unterrichtssprache
Deutsch

Inhalt
Die aus dem Grundmodul Corporate Finance bekannten Konzepte Kapitalstruktur, Barwert und Risiko-Return Profil werden in stochastische Kapitalmarktmodelle eingebettet, um auf dieser Basis die fortgeschrittenen Konzepte des Risikomanagements wie Hedging, Einsatz von Derivaten und Value at Risk in ihrer Funktionsweise zu erschließen. Dabei werden anhand folgender spezieller

Inhalte Charakteristika einzelner Instrumente sowie die Dynamik der Ausdifferenzierung der Instrumentenvielfalt dargelegt:
- Anleihebewertung und Asset-Liability Management mittels Duration und Konvexität   - Begriffe der Finanzmarktstochastik: Arbitrage, Hedging-Strategien, stochastische Prozesse, Risikoneutrale Bewertung   - Bewertung von Derivaten im Black-Scholes-Merton Modell   - Risikomanagement auf der Basis von Value at Risk   - Prinzipien der Bonitätsbeurteilung und Kreditrisikomessung   - Analyse von Rating-Methoden

Lernergebnisse Lernziele

Studierende, die erfolgreich an dem Model „Finanzcontrolling I" teilgenommen haben,

- wissen, dass die fundierte Risiko-Return Analyse im Zentrum vieler praktischer Entscheidungen steht.
- kennen die zwingende sachliche Kontinuität zwischen den traditionellen Konzepten der Finanzierung und deren moderner Ausdifferenzierung.
- erlernen die Ambivalenz von Arbitrage- und Hedgingstrategien, die in die Struktur des Risiko-Return trade-offs eingelassen ist und können deren Zielsetzung beurteilen.
- verstehen, dass das Bewertungsproblem für Derivate sich auch unabhängig von der Entwicklung innovativer Kapitalmarktprodukte stellt, da viele Aspekte der Finanzierungsentscheidung synthetisch durch Auszahlungsprofile von Derivaten replizierbar sind.
- erläutern in fundierter Weise, wie die Komplexität von Instrumenten mit Bewertungsaufwand, Bewertungsunsicherheit und Marktdatenbedarf zusammenhängt.
- bearbeiten selbstständig Problemstellungen im Bereich des Finanzcontrollings, insbesondere im Rahmen einer Master-Arbeit.

Lehr- und Lernformen

Interaktiver Frontalunterricht, Bearbeitung von Übungsaufgaben, Lösung und Präsentation von Übungsaufgaben

Anwesenheitspflicht

Prüfungsleistung (Prüfungsform, Umfang, Gewichtung)

Endklausur 60 Minuten, Endklausur: 100%

Gesamtnotenrelevanz

Wiederholungsmöglichkeit

Bei Nichtbestehen können alle Veranstaltungen gemäß § 6 der Fachstudien- und -prüfungsordnung wiederholt werden.

Literatur

Weitere Hinweise

Das Modul wird durch Finanzcontrolling II fortgesetzt.
Dieses Modul kann von Studierenden in den Methoden bzw. den Grundlagen oder in der Vertiefung Accounting, Finance and Taxation eingebracht werden.

Lectures in Advanced Business Administration – Sustainability and Business Ethics: Shaping Transformation

Module number
MRIEB20232-XX-M50
Course name
Sustainability and Business Ethics: Shaping Transformation
Module coordinator/ examiner(s)
Prof. Dr. Suleika Bort, Dr. Annekatrin Meißner

Examination number	Credit points (ECTS)	Hours per week (SWS)
XX-VL-050	7	3
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	3

Workload
3 SWS
Module applicability
MIEB Version WiSe 23/24:   Modulgruppe E: Business   **MIEB Version WiSe 18/19**:   Modulgruppe E: Business
LPO I applicability (only for Teacher Education Programmes
Recommended prerequisites
Participation in the courses 11016A: Sustainability & Business Ethics: Ethical concepts for sustainable business; 39756: Organization Theory and Sustainable Leadership
Requirements
Language of instruction
English

Content
The seminar primarily centers around CSR and sustainability disclosure and communication, encompassing diverse forms of reporting. It aims to scrutinize and critically assess the transparency and quality of CSR and sustainability disclosure and communication processes.
Intended learning outcomes (ILOs)
After successfully completing the seminar "Sustainability and Business Ethics: Shaping Transformation", students will be able to   - recognize various forms of sustainability reporting, and discern the similarities and differences among them.   - evaluate and reflect critically on the quality of CSR and sustainability disclosure   - acquire analytical and assessment competence (ethical and economic).   - transfer of the learned methods and theories into practice.   - systematically research and retrieve information from relevant scientific literature and practice-oriented sources.

	• present their scientific work and write a seminar paper which serve as a preparation for their thesis.
Teaching methods	
Teamwork, theoretical input and practical insights, presentation of own work by students and writing of a seminar paper.	
Required attendance	
Yes	
Examination (type of examination, scope)	
Portfolio	
Overall grade relevance	
Exam resit opportunities	
No. Exam resits are detailed in § 6 of the subject-specific study and examination regulation.	
Recommended reading	
Additional notes	
Guest lectures may be offered.	

Module für M.Sc. International Economics and Business FStuPo Version 2019

EU and US Banking and Financial Law

Module number
25160
Module title
EU and US Banking and Financial Law
Module coordinator
Dr. Antonio Marcacci

Examination number	Credit points (ECTS)	Hours per week (SWS)
	2	1 (block)
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
The lecture "EU and US Banking and Financial Law" will be held as a block course (8 hours in total). For the rest, the Contents of the module are to be acquired or deepened by means of self-study; a time expenditure of 42 hours to 52 hours (depending on the individual learning speed) is planned for this.
Module applicability
MIEB Version WiSe 18/19: Modulgruppe G: Interdisziplinäre Module
Reference to the LPO I
None (Not offered for teaching degree)
Recommended prerequisites
Requirements
Language of instruction
English

Content
The course covers the legislative and institutional features of the EU Banking and Financial Laws with a comparative perspective given through US Securities Regulation. Core attention will be paid to key pieces of European legislation dealing with Banking Supervision, Banking Resolution Mechanism, Primary and Secondary Financial Markets, Conduct of Business Rules, Financial Instruments (with a focus on derivatives), and Market Infrastructures. Moreover, the course will cover the law-making process for financial regulations – the Lamfalussy procedure – as well as the new pan-European supervision systems. In order to give students a broader picture, the course will give an overview of the post-crisis reform of the US financial system and of the Federal supervision systems for securities markets. This is important to draw the key differences between the two systems. Finally, in order to give students a more concrete idea of the

increasing importance of the EU in the global financial arena, the course will include a section dealing with the regulatory dialogue between ESMA and the American SEC, and the role played by the EU in the International Organization of Securities Commissions – IOSCO, and in defining transnational financial standard.

Intended learning outcomes (ILOs)

- Students can explain the fundamental structure of European Capital Market and Banking Regulation.
- Students are able to critically analyze legislative procedure and effectiveness of current means of EU securities regulation.
- Students are able to determine applicable rules to actual market players and transactions.
- Students can interpret and explain the applicable European regulatory system to persons from other legislations.
- Students can point out advantages and disadvantages of the European system in comparison to regulatory systems established in the United states.

Teaching methods

Lecture with discussion possibility in presence (group size up to 40 persons), among them also lawyers in the main area of study (6th semester); online course with discussion forum and self-control elements.

Required attendance

Examination (type of examination, scope)

Multiple-Choice-Exam (60 Minutes) at the end of class

Overall grade relevance

Exam resit opportunities

Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes

Suggested reading:
1. "EU Securities and Financial Markets Regulation", Third Edition, Oxford University Press, by Niamh Moloney
2. "Securities Regulation: Cases and Materials", Ninth Edition, Wolters Kluwer, James D. Cox, Robert W. Hillman, Donald C. Langevoort
3. "International Capital Markets: Law and Institutions", Second Edition, Oxford University Press, by Cally Jordan.

Sustainability and Business Ethics: Ethische Konzepte für nachhaltiges Wirtschaften

Modulnummer
11016A
Modultitel
Sustainability and Business Ethics: Ethische Konzepte für nachhaltiges Wirtschaften
Modulverantwortliche*r / Prüfer*innen
Dr. Annekatrin Meißner/ Prof. Dr. Suleika Bort

Prüfungsnummer	ECTS	SWS
	5	2
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
Wintersemester	1 Semester	ab 1. Studiensemester möglich

Workload
2 SWS (30 h Präsenzzeit, 60 h Eigenarbeitszeit)   Eigenarbeitszeit: Lesen und Vorbereiten der Texte, die zur ersten Sitzung bekannt gegeben werden. Übernahme der Präsentation eines Textes - Argumente und Inhalte sowie Diskussionsleitung.
Verwendbarkeit
MIEB Version WiSe 18/19:   Modulgruppe G: Interdisziplinäre Module
Bezug zur LPO I
Empfohlene Voraussetzungen
Voraussetzung für den Erhalt eines Zertifikats ist die Teilnahme an alle drei Teilmodulen (11016A & Organizational Theory & Sustainable Leadership (VL & Übung) (im SoSe)   Masterseminar: Sustainability and Business Ethics: Shaping Transformation (im SoSe) Eine Einzelbelegung ist aber ebenfalls möglich.
Verpflichtende Voraussetzungen
Unterrichtssprache
Deutsch

Inhalte
Das Modul Sustainability & Business Ethics richtet sich an alle Studierende, die sich für die Verbindung von Wirtschaft mit Konzepten der Nachhaltigkeit und der Ethik interessieren.   - Unterschiedliche Theorien und Ansätze innerhalb der Wirtschafts- und Unternehmensethik   - Theorien der Verantwortung und globaler Gerechtigkeit   - Corporate Social Responsibility   - Consumer Responsibility   - Ethische Grundlagen nachhaltigen Wirtschaftens   - Alternative Wirtschaftskonzepte ethisch reflektiert   Die gesamte Modulgruppe setzt sich aus folgenden Veranstaltungen zusammen: Sustainability & Business Ethics: Ethische Konzepte für nachhaltiges Wirtschaften (WS)

| Organizational Theory & Sustainable Leadership (VL & Übung) (im SoSe) |
| Masterseminar: Sustainability and Business Ethics: Shaping Transformation (im SoSe) |

Lernergebnisse Lernziele

Studierende, die am Modul „Sustainability and Business Ethics: Diskussion ethischer Konzepte" erfolgreich teilgenommen haben,

- benennen zentrale Theorien und Begrifflichkeiten der Wirtschafts- und Unternehmensethik sowie ethischer Grundlagen von nachhaltigem Wirtschaften
- verorten diese innerhalb der grundlegenden Ansätze und Positionen der Ethik
- analysieren und reflektieren kritisch die zugrundeliegenden Prämissen und Argumente dieser Theorien sowie mögliche Gegenargumente
- wenden die Theorien in Bezug auf Praxisbeispiele an und positionieren sich zu ihnen
- verstehen den Argumentationsaufbau wirtschafts- und unternehmensethischer Texte
- präsentieren die behandelten Theorien / Konzepte, leiten Diskussionen in diesem Themenbereich
- entwickeln eigene Forschungsperspektiven basierend auf dem erworbenen vertieften Fachwissen

Lehr- und Lernformen

Die Veranstaltung besitzt Seminarcharakter mit Präsentations-, Diskussions- und Reflexionsformaten.

Anwesenheitspflicht

Prüfungsleistung (Prüfungsform, Umfang)

Portfolio

Gesamtnotenrelevanz

Wiederholungsmöglichkeit

Bei Nichtbestehen können alle Veranstaltungen gemäß § 6 der Fachstudien- und -prüfungsordnung wiederholt werden.

Literatur

Weitere Hinweise

Für Rückfragen steht Ihnen sehr gerne Frau Dr. Annekatrin Meißner (annekatrin.meissner@uni-passau.de) zur Verfügung.

Sustainability and Business Ethics: Shaping Transformation

Module number
11016C
Course name
Sustainability and Business Ethics: Shaping Transformation
Module coordinator/ examiner(s)
Prof. Dr. Suleika Bort, Dr. Annekatrin Meißner

Examination number	Credit points (ECTS)	Hours per week (SWS)
264570	7	3
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	3

Workload
3 SWS
Module applicability
MIEB Version WiSe 18/19: Modulgruppe E: Business
LPO I applicability
Recommended prerequisites
Participation in the courses 11016A: Sustainability & Business Ethics: Ethical concepts for sustainable business; 39756: Organization Theory and Sustainable Leadership
Requirements
Language of instruction
English

Content
The seminar primarily centers around CSR and sustainability disclosure and communication, encompassing diverse forms of reporting. It aims to scrutinize and critically assess the transparency and quality of CSR and sustainability disclosure and communication processes.
Intended learning outcomes (ILOs)
After successfully completing the seminar "Sustainability and Business Ethics: Shaping Transformation", students will be able to   - recognize various forms of sustainability reporting, and discern the similarities and differences among them.   - evaluate and reflect critically on the quality of CSR and sustainability disclosure   - acquire analytical and assessment competence (ethical and economic).   - transfer of the learned methods and theories into practice.   - systematically research and retrieve information from relevant scientific literature and practice-oriented sources.   - present their scientific work and write a seminar paper which serve as a preparation for their thesis.

Teaching methods
Teamwork, theoretical input and practical insights, presentation of own work by students and writing of a seminar paper.
Required attendance
Yes
Examination (type of examination, scope)
Portfolio
Overall grade relevance
Exam resit opportunities
No. Exam resits are detailed in § 6 of the subject-specific study and examination regulation.
Recommended reading
Additional notes
Guest lectures may be offered.

Rechtsformwahl und M&A

Modulnummer
30020
Veranstaltungstitel
Rechtsformwahl und M & A – Steuerliche Aspekte
Modulverantwortliche*r / Prüfer*innen
Prof. Dr. Markus Diller

Prüfungsnummer	ECTS	SWS
262660	5	2
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
Jedes Sommersemester	1 Semester	

Workload
Vorlesung 2 SWS (30 St. Präsenzzeit und 45 St. Eigenarbeitszeit)   Übung 2 SWS (30 St. Präsenzzeit und 45 St. Eigenarbeitszeit)   Es wird mit 15 Semesterwochen gerechnet (14 Vorlesungs- + 1 Prüfungswoche) und jede SWS geht mit 60 Minuten in die Berechnung ein.
Verwendbarkeit
MIEB Version WiSe 18/19:   Modulgruppe E: Business
Bezug zur LPO I
Empfohlene Voraussetzungen
Gem. § 3 der Studien-und Prüfungsordnung für den Masterstudiengang International Economics and Business.   Steuerliche Kenntnisse im Bereich der Ertragsteuern (EStG, KStG) werden dringend empfohlen.
Verpflichtende Voraussetzungen
Unterrichtssprache
Deutsch

Inhalte
Das Modul befasst sich mit den komplexen steuerlichen Aspekten im Bereich von Merger & Acquisition sowie die Rechtsformwahl. Die Studierenden erhalten einen systematischen Überblick über steueroptimale Rechtsformen sowie Gestaltungen von Unternehmenstransaktionen und über die Grundlagen des Umwandlungssteuerrechts.
Lernergebnisse Lernziele
Nach erfolgreicher Teilnahme an dem Modul: • erklären die Studierenden die wichtigsten steuerlichen Implikationen bei Unternehmenstransaktionen und Rechtsformwahl,   • nehmen steueroptimale Entscheidungen vor,   • nutzen dieses Vorgehen für praxisorientierte Beispiele,   • quantifizieren Steuerwirkungen.

Lehr- und Lernformen
- Vorlesung mit Seminarcharakter und interaktiven Elementen wie Diskussionen und Gruppenarbeiten   - Bearbeitung von Übungsaufgaben und geeigneten Fallbeispielen.
Anwesenheitspflicht
Prüfungsleistung (Prüfungsform, Umfang)
Klausur, 60 Min., 100 %
Gesamtnotenrelevanz
Wiederholungsmöglichkeit
Bei Nichtbestehen können alle Veranstaltungen gemäß § 6 der Fachstudien- und -prüfungsordnung wiederholt werden.
Literatur
Die empfohlene Literatur wird vom jeweiligen Dozenten in der Veranstaltung bekannt gegeben.
Weitere Hinweise
Gastvorträge aus der Praxis zu ausgewählten Themenkomplexen

Internationale Unternehmensbesteuerung

Module number
30130
Course name
International Taxation (ehemals: internationale Unternehmensbesteuerung)
Module coordinator/ examiner(s)
Prof. Dr. Markus Diller

Examination number	Credit points (ECTS)	Hours per week (SWS)
262640	5	2
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture 2 SWS (30 hours of attendance and 45 hours of individual work) Exercise 2 SWS (30 hours of attendance and 45 hours of individual work). 15 semester weeks are counted (14 lecture weeks + 1 examination week) and each SWS is counted at 60 minutes.
Module applicability
MIEB Version WiSe 18/19: Modulgruppe E: Business
LPO I applicability
Recommended prerequisites
According to § 3 of the study and examination regulations for the Master's degree programme in International Economics and Business. Bachelor's degree in an economics or business-related degree programme. Basic tax knowledge in the area of income taxes (EStG, KStG) is recommended.
Requirements
Language of instruction
English

Content
This module deals with cross-border tax issues. Students are given a systematic overview of the tax problems of tax residents investing abroad (outbound) and tax non-residents investing in Germany (inbound). Emphasis is placed on regulations that are of great importance to international groups, such as double taxation treaties, the license barrier, the treatment of losses, the choice of international legal form, transfer pricing, and global minimum taxation. All chapters are accompanied by tax impact analyses.
Intended learning outcomes (ILOs)
After successfully completing the module: • students explain the legal foundations of international tax law,

• recognise the most important tax implications for internationally active companies,   • assess their influence on entrepreneurial decision-making situations,   • can transfer the theoretical knowledge they have acquired to complex situations.
Teaching methods
• Lecture with seminar character and interactive elements such as discussions and group work   • Working on exercises and suitable case studies.
Required attendance
Examination (type of examination, scope)
Exam 60 min, 100%
Overall grade relevance
Exam resit opportunities
In the event of failure, all courses may be repeated in accordance with § 6 of the Study and Examination Regulations.
Recommended reading
The recommended literature will be announced by the respective lecturer in the course.
Additional notes
Guest lectures from practice on selected topics

Quantitative Methoden in Finance

Module number
30902
Course name
Quantitative Methods in Finance
Module coordinator/ examiner(s)
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
261070	5	2+2
Availability	**Duration**	**Recommended semester**
Every winter/ summer semester	1 semester	1-3

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours) Exercise session (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 18/19: Modulgruppe C: Global Economy, International Trade, and Finance
LPO I applicability
Recommended prerequisites
An introductory module in finance is recommended; further (bachelor's) finance modules are an advantage. A solid knowledge of Excel and statistics and of a statistics program is helpful.
Requirements
Language of instruction
English

Content
• Introduction to empirical analysis of financial data • Cross-sectional, time series and panel regressions in Stata • Logit and probit regressions in Stata • Stata programming and automation as well as advanced commands • Numerical methods in VBA • Valuation of derivatives using simulation in VBA
Intended learning outcomes (ILOs)
Students who have successfully completed the module • explain and interpret key quantitative methods that are very frequently used in finance and related fields to solve business management issues. • assess the possibilities and limitations of the methods. • apply the methods in a targeted manner using Stata and VBA. • develop solution concepts based on the methods to answer complex business management questions.
Teaching methods

Interactive Lecture; in the exercise, the concepts covered in the corresponding lecture are implemented directly afterwards on real data sets in Stata (part 1) or in real valuation problems in VBA (part 2).
Required attendance
Examination (type of examination, scope)
Exam, 60 minutes, 100%
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Additional notes

Master-Workshop Finance and Banking

Module number
30910
Course name
Master-Workshop Finance and Banking
Module coordinator/ examiner(s)
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
262610	5	2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	1-3

Workload
2 SWS (30h presence time and 120h own working time)
Module applicability
MIEB Version WiSe 18/19: Modulgruppe C: Global Economy, International Trade, and Finance
LPO I applicability
Recommended prerequisites
Introductory module in Finance and solid knowledge of statistics recommended; further (Bachelor) Finance modules an advantage.
Requirements
Language of instruction
English

Content
In this module, teams of two students work on the content of selected papers that have been published in leading international journals in the field of finance. The papers are usually empirical in nature. The focus of the workshop varies.
Intended learning outcomes (ILOs)
Students who have successfully completed the module, • explain, structure and assess topics currently discussed in research in the field of finance. • explain and summarize the main methods and results of the papers presented. • recognize the international rules and standards for academic work and research. • assess the strengths and weaknesses of the papers presented. • create a presentation, present the papers effectively and discuss them constructively.
Teaching methods
Vorlesung mit Seminarcharakter Presentation, discussion
Required attendance

Obligatory
Examination (type of examination, scope)
Portfolio: Presentation (approx. 40 min. per person, 70%), discussion (30%). An overall grade is awarded.
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Given in class
Additional notes
Participation in the Master-Workshop Finance and Banking is only possible by prior registration at the chair. The registration form and further information can be found in Stud.IP.

Corporate Finance und Kapitalmärkte

Module number
30913
Course name
Corporate Finance and Capital Markets
Module coordinator
Prof. Dr. Oliver Entrop

Examination number	Credit points (ECTS)	Hours per week (SWS)
262230	5	2+2
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	1-3

Workload
Lecture 2 SWS (30 h presence and 45 h individual working hours) Exercise session (30 h presence and 45 h individual working hours)
Module applicability
MIEB Version WiSe 18/19: Modulgruppe C: Global Economy, International Trade, and Finance
Reference to the LPO I
Recommended prerequisites
Introductory module in Finance
Requirements
Language of instruction
English

Content
- Advanced methods of company valuation (APV, entity, equity approach, autonomous vs. value-based financing, annuity vs. two-phase model, equity costs and beta leverage, capital structure, taxes, multiplier method)   - Determinants of stock price performance (basic performance measures, multifactor models, size and value factors, advanced factors such as liquidity)   - Risk-oriented corporate management concepts (RORAC, RAROC, optimal capital allocation for different target values)   - Optimal risk policy and hedging (basics, foreign currency risks, hedging of currency risks, risk policy for perfect and unperfect markets, risk policy and optimal capital structure, empirical evidence: company value and risk policy for currency risks)
Intended learning outcomes (ILOs)
Students who have successfully completed the module,   identify and interpret in-depth methods of company valuation and characterize the possibilities and limitations of different methods. They apply these methods to specific problems.

• identify and interpret the influence of various value determinants on the share price performance of companies and apply methods of external performance measurement. • identify and interpret capital market-oriented methods for internal corporate management and capital allocation and characterize the possibilities and limitations of the methods. • identify and interpret the theoretical foundations of optimal corporate risk policy and implement specific risk reduction decisions using the appropriate financial instruments.
Teaching methods
Interactive lecture Excercises
Required attendance
Examination (type of examination, scope)
Exam 60 minutes (100%)
Overall grade relevance
Exam resit opportunities
According to the examination and study regulations for the Master's degree program.
Recommended reading
Given in class
Additional notes

Wertorientiertes Controlling

Module number
31360
Course name
Value-based Management (ehemals: Wertorientiertes Controlling)
Module coordinator/ examiner(s)
Prof. Dr. Robert Obermaier

Examination number	Credit points (ECTS)	Hours per week (SWS)
262670	5	4
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
Lecture: 2 SWS (30 hours attendance time; 45 hours individual work time) Tutorial: 2 SWS (30 hours attendance time; 45 hours individual work time) We calculate with 15 semester weeks (14 lecture weeks + 1 examination week) and each SWS is included in the calculation with 60 minutes.
Module applicability
MIEB Version WiSe 18/19: Modulgruppe E: Business
LPO I applicability
Recommended prerequisites
Basic knowledge of controlling, reporting, financing and investment accounting.
Requirements
Language of instruction
English or German

Content
Value-based management is a fundamental and widely adopted management accounting practice, guiding organizations toward long-term maximization of shareholder value. The course covers key concepts and frameworks of shareholder value and value-based management to support value-based decision-making in organizations. Topics include economic profit and residual income as foundations for value-based performance measurement, regulatory requirements in the context of corporate governance, and value-based compensation systems for aligning management incentives. Beyond economic considerations, social and environmental aspects of management decision-making are discussed.
Intended learning outcomes (ILOs)
Students who have taken part in the module Value-based Management, • analyze and critically evaluate corporate objectives from an economic perspective, considering both theoretical frameworks and practical implications within the context of corporate governance;

- demonstrate a profound understanding of the design, implementation and inherent complexities of value-based controlling systems aligned with shareholder value principles, while critically assessing their limitations and potential trade-offs;
- evaluate the complexities of performance measurement systems that align with shareholder value principles, addressing methodological challenges and their impact on managerial decision-making;
- critically assess and develop recommendations for incentive-compatible management compensation schemes, considering their strategic alignment, incentive structure and implications for management retention and shareholder cost.

Teaching methods

- Interactive lecture
- Exercises and case studies

Required attendance

Examination (type of examination, scope)

a) Written exam, 60 minutes, or
b) Written exam, 60 minutes + optional semester-long performance (subject to change)

Overall grade relevance

Exam resit opportunities

In the event of failure (grade worse than 4.0), all courses can be repeated in accordance with § 9 of AStuPO.

Recommended reading

Additional notes

International students are welcome!
The exam can be written in English or German.
The language of lectures and tutorials will be determined in the first lecture.

Unternehmensbewertung

Module number
31362
Course name
Corporate Valuation (ehemals: Unternehmensbewertung)
Module coordinator/ examiner(s)
Prof. Dr. Robert Obermaier

Examination number	Credit points (ECTS)	Hours per week (SWS)
262710	5	4
Availability	**Duration**	**Recommended semester**
Every winter semester	1 semester	

Workload
Lecture: 2 SWS (30h present time, 45h own working time) Exercise: 2 SWS (30h present time, 45h own working time) The calculation is based on 15 semester weeks (14 lecture weeks + 1 examination week) and each SWS is counted as 60 minutes.
Module applicability
MIEB Version WiSe 18/19: Modulgruppe E: Business
LPO I applicability
Recommended prerequisites
Basic knowledge of accounting and capital budgeting is recommended.
Requirements
Language of instruction
English or German

Content
The lecture "Corporate Valuation" deals with one of the most interesting and complex areas of business administration. After a systematization of the reasons and purposes for the valuation of entire companies or parts of companies, an overview of the theoretical foundations and relevant components of corporate valuation is provided. The lecture focuses on the theoretically and methodically sound application of Discounted Cash-Flow (DCF) approaches and the corresponding determination of adequate cost of capital rates. Finally, advanced research topics in the field of corporate valuation and practitioner standards (IDW S1) are discussed.
Intended learning outcomes (ILOs)
After successful participation in the course "Corporate Valuation", students • know the different occasions and purposes for which companies or parts of companies are valuated. • understand the theoretical underpinnings and the formal relationships between the Discounted Cash-Flow (DCF) approaches.

- apply their conceptual and methodological knowledge to determine appropriate valuation-relevant cash-flows and cost of capital rates.
- combine their theoretical, conceptual, and methodical knowledge by applying different DCF approaches in a reflective and suitable manner.
- analyze, critically evaluate, and prepare company valuations, whether as controllers, auditors or investment bankers.
- transfer their knowledge of valuation theory to the areas of investment controlling, mergers & acquisitions, and value-based management of companies and business units.

Teaching methods
Interactive lecture Completion of exercises and case studies
Required attendance
Examination (type of examination, scope)
a) Written exam 100% or b) Written exam 90% + 10% through optional semester-accompanying performance (subject to reservation; if the number of participants is suitable, the chair can offer a voluntary semester-accompanying assignment, through which up to 6 bonus points (10% of the final exam) can be acquired. These are added to the points achieved in the final exam).
Overall grade relevance
Exam resit opportunities
In the event of failure (grade worse than 4.0), all courses can be repeated in accordance with § 9 of AStuPO.
Recommended reading
Additional notes
International students are welcome! The exam can be written in English or German. The language of lectures and tutorials will be determined in the first lecture. Guest lectures by practitioners are planned. The chair reserves the right to offer a voluntary graded assignment during the semester.

Sustainability by Digitalization

Module number
33154
Course name
Sustainability by Digitalization
Module coordinator
Prof. Dr. Marina Fiedler

Additional notes	Credit points (ECTS)	Hours per week (SWS)
266202	5	2
Availability	**Duration**	**Recommended semester**
Every semester	1 semester	

Workload
Distributed Workload (to calculate as 60 minutes per SWS for 15 semester weeks; 14 lectures + 1 examination week).
Module applicability
MIEB Version WiSe 18/19: Modulgruppe E: Business
reference to the LPO I
Recommended prerequisites
According to the Studien- und Prüfungsordnung of the respective degree.
Requirements
Language of instruction
English

Content
In the course, the students learn how digitalization can contribute to the realization of ecological, social and governance sustainability goals. The following topics are covered as part of the course: • Social Sustainability by Digitalization • Ecological Sustainability by Digitalization • Sustainable Governance by Digitalization • Sustainability and Digital Interventions • Discussion points, commonalities and conflicts on ecological, social and sustainable governance • Further information will be provided at the start of the course (in Stud.IP) and the course will be hosted in Ilias.
Intended learning outcomes (ILOs)
After successful participation in the course, students can • explain the role that digitalization plays in the attainment of ecological sustainability (e.g., circular economy, interanl IS systems that foster ecological sustainability, real time feedback and energy conservation, and in practical environments such as an airport)

- explain the role that digitalization plays in the attainment of social sustainability (e.g., the touchpoints of digitalization and social sustainability in general, and in practical environments such as the workplace)
- explain the role that digital technologies play for governance aspects of sustainability (e.g., in the creation, management and use of key performance indicators)
- assess the institutional logics that may support or hinder sustainability and digitalization efforts
- illustrate how goals can contribute to individual and organizational motivation to attain higher levels of sustainability
- reflect on the conflicts and commonalities of the various aspects of sustainability

Teaching methods
- Hybrid lecture with asychnronous and synchronous elements elements provided in Zoom and Ilias   - Self-learning elements like quizzes to assess understanding of presented topics   - Guest lectures of experts on the synergies of sustainability and digitalization

Required attendance

Examination (type of examination, scope)
100% final exam (60 minutes)

Overall grade relevance

Exam resit opportunities
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes
The lecture is in English; exam questions can be answered in German and English

Master Seminar Telecommunications and Internet Business

Module number
39606
Course name
Master Seminar Telecommunications and Internet Business
Module coordinator
Prof. Dr. Jan Krämer

Examination number	Credit points (ECTS)	Hours per week (SWS)
266210	7	2
Availability	**Duration**	**Recommended semester**
Every semester	1 semester	One semester before writing the Master's thesis

Workload
Seminar 2 SWS (30 hours attendance time and 180 hours individual work time) The calculation is based on 15 semester weeks (14 lecture weeks + 1 examination week) and each SWS is counted as 60 minutes.
Module applicability
MIEB Version WiSe 18/19: Modulgruppe D: Governance, Institutions, and Development
Reference to LPO I
Recommended prerequisites
In accordance with § 3 of the study and examination regulations for the Master's degree programme in Wirtschaftsinformatik.
Requirements
Language of instruction
English

Content
Preparation of a seminar paper in the field of the Internet and telecommunications business. Thesis must be problem-orientated and contain own work in the form of a critical analysis of literature or a discussion of scientific methodology. The problem, objectives and approach of the work as well as the results of the study must be presented and discussed.
Intended learning outcomes (ILOs)
Students who have taken part in the module "Master Seminar Telecommunications and Internet Business":   - explain their own scientific approach in the preparation of their seminar paper   - know the basics of scientific work and can analyse and interpret their research topic scientifically.   - present connections between their own work and topics from research in the field of Internet and telecommunications business   - acquire knowledge of presentation and communication techniques and are able to formulate and argue in defence of their subject-related positions and problem solutions.

• assess the quality of sources
• develop the ability to systematically and structurally analyse the scientific literature on a specific issue and to summarise and evaluate the Content.

Teaching methods
• Individual preparation of a seminar paper
• Presentation of the seminar paper
• Discussion of the results

Required attendance

Examination (type of examination, scope)
Successful participation in the seminar requires written and oral performance. The written assignment consists of a 15-page term paper. The oral performance consists of a presentation of your own work (approx. 20 minutes) and an active discussion of your own and other students' work.   Portfolio examination

Overall grade relevance

Exam resit opportunities
Exam resits are detailed in § 6 of the subject-specific study and examination regulation.

Recommended reading

Additional notes
Please register via the chair. Further information can be found on the chair's website.

Masterseminar: Advances in International Management and Social Entrepreneurship

Module number
39761
Module title
Masterseminar: Advances in International Management and Social Entrepreneurship
Module coordinator
Prof. Dr. Suleika Bort

Examination number	Credit points (ECTS)	Hours per week (SWS)
264570	7	2
Availability	**Duration**	**Recommended semester**
Summer or winter semester	1 semester	

Workload
30 hours of class instruction and 180 hours of self-study. Calculation is based on: every hr./sem.-week corresponds to 60 minutes. One semester is presumed to be 15 weeks, i.e., 14 course + 1 exam week.
Module applicability
MIEB Version WiSe 18/19: Modulgruppe E: Business
Reference to the LPO I
Recommended prerequisites
Requirements
According to § 3 of the study and examination regulations for the Master's degree program in International Economics and Business.
Language of instruction
English

Content
• This module provides students with skills for academic writing, critical discussion and interpretation of results based on current topics in the field of international management and social entrepreneurship. • Specific research topics are addressed, systematized and reflected upon. • Empirical methods of management research are introduced, applied in practice and critically evaluated.
Intended learning outcomes (ILOs)
Students who have successfully completed the module "Master's Seminar: Advances in International Management and Social Entrepreneurship", • become familiar with the research process, • are able to identify and explain the state of the literature on the seminar topic, • learn how to draft an academic paper, • learn how to structure and evaluate literature and embed it in their own argumentation, • become familiar with the common empirical methods applied in management research, • are able to present their results in an oral presentation,

•   learn how to reflect on critical comments in the process of writing a paper.
Teaching methods
•   Preparation of a seminar paper •   Presentation of scientific projects and joint discussion
Required attendance
Participation is mandatory
Examination (type of examination, scope)
•   Seminar paper: 60% •   Presentation: 40%
Overall grade relevance
Exam resit opportunities
None; Exam resits are detailed in § 6 of the subject-specific study and examination regulation.
Recommended reading
Literature recommendations and mandatory readings will be announced at the beginning of the seminar.
Additional notes
To participate in the seminar an application is necessary. More information is available on our chair homepage (https://www.wiwi.uni-passau.de/en/international-management/teaching/seminars). The seminar is limited up to 10 students.

Financial Data Analytics and Machine Learning

Module number
39910
Course name
Financial Data Analytics and Machine Learning
Module coordinator
Prof. Dr. Ralf Kellner

Examination number	Credit points (ECTS)	Hours per week (SWS)
	5	4
Availability	**Duration**	**Recommended semester**
Every summer semester	1 semester	

Workload
150 h (60 h contact studies / 90 h self-studies)
Module applicability
MIEB Version WiSe 18/19: Modulgruppe E: Business
Reference to the LPO I
Recommended prerequisites
Fundamentals of mathematics and statistics
Requirements
Language of instruction
English

Content
• Asset classes on capital markets • Stocks, bonds and options • Descriptive analysis of one- and multi-dimensional distributions of asset prices and returns • Introduction to portfolio theory • Factor models • Empirical analysis within and between asset classes • Principles of machine learning • Neural networks • Machine learning in the financial sector
Intended learning outcomes (ILOs)
Students gain a basic understanding of various asset classes on financial markets and the associated fundamental theories. Students are able to name the special features of financial data and apply the knowledge acquired in the course to real financial market developments. In addition, students understand how machine learning can be used in the financial sector in an insightful and informative way. Students interpret their own analyses, through which profound references to financial market theories are established.

Teaching methods
• Interactive lectures incl. digital documents • Interactive exercise units
Required attendance
Examination (type of examination, scope)
• Written Exam
Overall grade relevance
Exam resit opportunities
Recommended reading
• Options, Futures and other Derivatives (2021) – John C. Hull, Pearson Verlag • Machine Learning in Finance (2021) – Dixon, M.F., Halperin, I., Bilokon, P.; Springer Verlag • Statistics and Data Analysis for Financial Engineering (2015) – Ruppert, D., Matteson, D. S.; Springer
Additional notes

Interkulturelles Management

Modulnummer
48500
Modultitel
Interkulturelles Management
Modulverantwortliche*r / Prüfer*innen
Prof. Dr. Christoph Barmeyer

Prüfungsnummer	ECTS	SWS
264720	5	2
Modulangebot	**Zeitdauer des Moduls**	**Empfohlenes Studiensemester**
jedes Sommersemester	1 Semester	

Workload
In der Präambel wird definiert, dass dieser Wert mit 15 Vorlesungswochen (inkl. Prüfung) berechnet wird. Er ist standardisiert und im Einklang mit der Angabe unter „SWS" anzugeben, d.h.
Für eine Lehrveranstaltung mit 2 SWS und 5 ECTS lautet die Angabe „30 h Kontaktstudium, 120 h Selbststudium",
Für eine Lehrveranstaltung mit 4 SWS und 5 ECTS lautet die Angabe „60 h Kontaktstudium, 90 h Selbststudium",
Für eine Lehrveranstaltung mit 2 SWS und 10 ECTS lautet die Angabe „30 h Kontaktstudium, 270 h Selbststudium" etc.

Verwendbarkeit
MIEB Version WiSe 18/19: Modulgruppe G: Interdisziplinäre Module
Bezug zur LPO I
Empfohlene Voraussetzungen
Verpflichtende Voraussetzungen
Unterrichtssprache
Deutsch, English

Inhalt
In der Vorlesung wird der Gegenstandsbereich des interkulturellen Managements behandelt, das sich als Forschungs- und Praxisfeld versteht, das sich mit Unterschieden und Gemeinsamkeiten von Fach- und Führungskräften verschiedenkultureller Zugehörigkeit im Rahmen interpersonaler Kommunikation, Interaktion und organisationaler Prozesse beschäftigt. In theoretischer wie anwendungsorientierter Weise werden Methoden, Fragestellungen und Forschungsergebnisse der Kultur-, Kommunikations-, Sozial- und Managementwissenschaften integriert.

Als Anwendungsbereiche dienen u.a. Strategie, Führung, Teams, zwischenmenschliche Kommunikation, Organisationskultur, Wissensmanagement, internationaler Transfer in Mutter-Tochterbeziehungen, Personal- und Organisationsentwicklung. Dabei dienen international-komparative und interkulturelle Aspekte dazu, neben kulturspezifischen Darstellungen, gewohnte Referenzrahmen zu relativieren und kritisch zu hinterfragen. Ebenso sollen die Grenzen der Globalisierung und Standardisierung anhand divergierender kultureller Werte und Praktiken sowie Rezeptionsweisen gezeigt werden.

Lernergebnisse Lernziele

Studierende…
- erweitern und vertiefen ihr Grundlagen- und Überblickswissen in den Kultur- und Wirtschaftswissenschaften sowie dem Interkulturellen Management und sind in der Lage, ihre Fachkenntnisse interdisziplinär zu bündeln
- kennen grundlegende Konzepte, Modelle und Theorien der Interkulturellen Kommunikation, des Interkulturellen Managements, der vergleichenden Kulturwissenschaft
- erhalten Einblicke in verschiedene internationale Potentiale und Probleme der Vernetzung von Kultur und Wirtschaft
- erwerben anhand begleitender Lektüre den Umgang mit fachwissenschaftlichen Texten in deutscher und englischer Sprache
- reflektieren kritisch konzeptionelle, begriffliche und methodologische Bedingungen Interkulturellen Managements
- reflektieren synergetische und komplementäre Aspekte von Kultur für die Wertschöpfung von Organisationen

Lehr- und Lernformen

Das Modul besteht aus einer Vorlesung (Lehrvortrag) mit intensiver Vor- und Nachbereitung einzelner Sitzungen anhand begleitender und ergänzender Materialien und Aufgaben (Fallstudien, Simulationen und Reflexionen). Zudem werden Inhalte aus der Praxis durch Gastvorträge an die Studierenden herangetragen.

Anwesenheitspflicht

Prüfungsleistung (Prüfungsform, Umfang, Gewichtung)

Schriftliche Klausur (60 Minuten)

Gesamtnotenrelevanz

Wiederholungsmöglichkeit

Bei Nichtbestehen können alle Veranstaltungen gemäß § 6 der Fachstudien- und -prüfungsordnung wiederholt werden.

Literatur

Weitere Hinweise

Dieses Seminar wird nicht als wirtschaftswissenschaftliches Seminar anerkannt, sondern nur in der Modulgruppe G (Wahlprogramm).

Hauptseminar Interkulturelle Kommunikation

Veranstaltungsnummer (Stud.IP)
48xxx Nummer variiert je nach Seminar
Veranstaltungsname
Hauptseminar Interkulturelle Kommunikation
Modulverantwortliche/r
Prof. Dr. Christoph Barmeyer

Modulgruppe	Prüfungsnummer	ECTS
MIEB Version WiSe 18/19: Modulgruppe G: Interdisziplinäre Module	365203	10
Modulangebot	**Zeitdauer des Moduls**	**SWS**
jedes Semester	1 Semester	

Workload
In der Präambel wird definiert, dass dieser Wert mit 15 Vorlesungswochen (inkl. Prüfung) berechnet wird. Er ist standardisiert und im Einklang mit der Angabe unter „SWS" anzugeben, d.h. Für eine Lehrveranstaltung mit 2 SWS und 5 ECTS lautet die Angabe „30 h Kontaktstudium, 120 h Selbststudium", Für eine Lehrveranstaltung mit 4 SWS und 5 ECTS lautet die Angabe „60 h Kontaktstudium, 90 h Selbststudium", Für eine Lehrveranstaltung mit 2 SWS und 10 ECTS lautet die Angabe „30 h Kontaktstudium, 270 h Selbststudium" etc.
Empfohlenes Studiensemester
Empfohlene Voraussetzungen
Verpflichtende Voraussetzungen
Unterrichtssprache
Deutsch

Inhalt
Interkulturalität betrifft den gegenseitigen Verständigungsprozess von Personen, die verschiedenen Kulturen zugehörig sind und insofern nicht über dieselben Wertorientierungen, Bedeutungssysteme und Wissensbestände verfügen. Im Rahmen dieser interkulturellen Kontakte erfahren Personen nicht nur Ähnlichkeiten und Gemeinsamkeiten, sondern auch Unterschiede und Irritationen, die verstanden werden wollen. In diesem Hauptseminar werden den Studierenden Theorien, Konzepte und Modelle zur Interkulturellen Kommunikation möglichst anwendungsorientiert vermittelt, um wissenschaftliches Arbeiten in diesem Fachbereich, aber interkulturelle Kompetenz zu schulen. Das Seminar vermittelt weiterführende Kenntnisse der Interkulturellen Kommunikation, die vertiefend beleuchtet, teilweise auch selbst erarbeitet und diskutiert werden.
Lernziele
Studierende…

erweitern und vertiefen ihr Grundlagen- Überblickswissen in den Kultur- und Wirtschaftswissenschaften und sind in der Lage, ihre Fachkenntnisse interdisziplinär zu bündeln
benennen grundlegende Konzepte, Modelle und Theorien, des Interkulturellen Managements, der vergleichenden Kulturwissenschaft und der Wissenschaftskommunikation
erörtern verschiedene internationale Potentiale und Probleme der Vernetzung von Kultur und Wirtschaft
setzen Kenntnisse über Konzeption und Durchführung forschungsrelevanter Arbeiten in eigenen Arbeiten um
erwerben anhand begleitender Lektüre den Umgang mit fachwissenschaftlichen Texten in deutscher und englischer Sprache
reflektieren die konzeptionellen, begrifflichen und methodologischen Bedingungen der Kultur- und Wirtschaftswissenschaften
sind in der Lage, mit hoher Eigenverantwortung interprofessionell und interdisziplinär vernetzt zu arbeiten
Bezug zur LPO I
Lehrform, Lehr- und Lernmethode, Medienform
Das Seminar vermittelt weiterführende Inhalte des interkulturellen Managements, die in Referaten selbst und in Gruppen erarbeitet, kritisch reflektiert sowie in Fallstudien, Gruppenarbeiten, Übungen angewendet werden. Einzelne Themengebiete oder Strömungen des interkulturellen Managements werden exemplarisch herausgegriffen und im Seminar vertieft. Spezifische Seminarthemen variieren pro Semester. Ziel des Seminars ist es, weiterführende Inhalte des Forschungsbereichs des Interkulturellen Managements zu vertiefen. Die Studierenden sollen dazu befähigt werden weiterführende konzeptionelle Bezugsrahmen und Inhalte miteinander zu vergleichen, in Bezug zu setzen und kritisch zu hinterfragen.
Das Modul besteht aus einem Hauptseminar. Hauptseminare sind forschungsorientiert und vertiefen unterschiedliche thematische Schwerpunkte. In der Regel erfolgt eine durch die Seminarleitung moderierte, selbständig ausgestaltete Diskussion und kritische Reflexion bisheriger Lernergebnisse auf der Basis einer vertieften Kenntnis einschlägiger Quellen. Referate, Gruppenarbeiten und andere ergänzende Formate werden je nach Seminar und Bedarf zusätzlich einbezogen.
Prüfungsleistung (Prüfungsform, Umfang, Gewichtung)
Mündliche Prüfung in Form einer Präsentation (30 Minuten)   Schriftliche Hausarbeit (20 Seiten)
Weitere Hinweise
Dieses Seminar wird nicht als wirtschaftswissenschaftliches Seminar anerkannt, sondern nur in der Modulgruppe G (Wahlprogramm).