



## Wintersemester 2024/25

Vorlesungszeit: 14.10.2024 - 15.02.2025

Wirtschaftswissenschaftliche Fakultät  
Sitz: Spandauer Str. 1, 10178 Berlin

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Studienfachberater BWL (Bachelor)

Professor Alex Stomper

Studienfachberater BWL (Master)

Professor Dr. Anja Schöttner

Studienfachberater VWL (Bachelor)

Professor Lutz Weinke

Studienfachberater VWL (Master)

Professor Georg von Weizsäcker

Studienfachberater MEMS-Programm

Professor Dr. Ulf Brüggemann

Studienfachberater Wirtschaftsinformatik (Master)

Professor Dr. Stefan Lessmann



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# Masterstudiengang Betriebswirtschaftslehre (StO/PO 2016)

## Fachlicher Wahlpflichtbereich General Management (Bereich A)

### 70 617 Financial Accounting and Analysis (englisch)

4 SWS					
VL/UE	Mi	08:30-10:00	wöch. (1)	SPA 1, 202	U. Brüggemann
	Do	08:30-10:00	wöch. (2)	SPA 1, 202	S. Wolf
1) findet ab 16.10.2024 statt					
2) findet ab 17.10.2024 statt					

Moodle-Link:  
<https://moodle.hu-berlin.de/course/view.php?id=130224>

The goal of the course is to present students the basics of financial accounting and financial statement analysis. The course comprises three main parts. The first part deals with the fundamentals and institutions of financial accounting. The second part focuses on specific accounting rules under International Financial Reporting Standards (IFRS). The third part covers topics related to financial statement analysis.

Literatur:  
Harrison Jr., W.T., C.T. Horngren, C.W. Thomas, W.M. Tietz and T. Suwardy (2017): Financial Accounting (IFRS), 11th edition, Pearson Education. Relevant chapters and additional material will be announced throughout the course.

Organisatorisches:  
StO/PO MA 2016: 6 LP, Modul: "Financial Accounting and Analysis"

Prüfung:  
Written exam (120 min)

### 70 605 Grundzüge der Besteuerung

4 SWS					
VL/UE	Mo	10-12	wöch. (1)	SPA 1, 21B	R. Maiterth
	Di	08:30-10:00	wöch. (2)	SPA 1, 21B	K. Körösi
1) findet ab 21.10.2024 statt					
2) findet ab 22.10.2024 statt					

Zum einen werden Grundprinzipien der Besteuerung dargestellt. Dabei wird beispielsweise aufgezeigt, wie der Steuerzugriff gerechtfertigt oder wie eine steuerliche Bemessungsgrundlage ausgestaltet werden kann. Zum anderen werden die für Unternehmen wesentlichen institutionellen Regelungen des deutschen Einkommen-, Körperschaft- und Gewerbesteuerrechts behandelt. Daran anschließend werden das Zusammenwirken dieser Steuern aufgezeigt und rechtsformabhängige Besteuerungsspezifika verdeutlicht. Es werden fundierte Kenntnisse im Bereich des externen Rechnungswesens vorausgesetzt.  
**Bitte beachten Sie: Studierende, welche die Prüfung 70618 "Grundzüge der Unternehmensbesteuerung" bestanden und in das Bachelorstudium eingebracht haben, können die Prüfung 70605 "Grundzüge der Besteuerung" nicht in das Masterstudium einbringen!**

Literatur:  
Jacobs, Otto H./Scheffler, Wolfram/Spengel, Christoph (2015): Unternehmensbesteuerung und Rechtsform, 5. Auflage, C. H. Beck Verlag, München.  
Scheffler, Wolfram (2020): Besteuerung von Unternehmen I Ertrag -, Substanz und Verkehrsteuern, 14. Auflage, C. F. Müller Verlag, Heidelberg.  
König, Rolf/Maßbaum, Alexandra/Sureth-Sloane, Caren (2021): Besteuerung und Rechtsformwahl, 8. Auflage, NWB Verlag, Herne.  
Schreiber, Ulrich/Kahle, Holger/Ruf, Martin (2021): Besteuerung der Unternehmen, 5. Auflage, Springer Gabler, Wiesbaden.

Organisatorisches:  
StO/PO MA 2016: 6 LP, Modul: "Grundzüge der Besteuerung"

Prüfung:  
Klausur (90 min)

### 70 601 Organization and Management (englisch)

2 SWS					
VL	Di	14-16	wöch.	SPA 1, 202	A. Schöttner

Moodle-Link:  
<https://moodle.hu-berlin.de/course/view.php?id=129829>

Students get familiar with fundamental incentive and coordination problems in organizations. They learn how to identify and discuss these problems based on concepts from new institutional economics.  
Topics: boundaries and structure of the firm, incentive contracts, ownership and property rights

Organisatorisches:  
StO/PO MA 2016: 6 LP, Modul: "Organization and Management"

Prüfung:  
Written exam (90 min)

**70 601      Organization and Management (englisch)**

2 SWS

UE	Di	16-18	wöch. (1)	SPA 1, 202	A. Schöttner
UE	Mi	14-16	wöch. (2)	SPA 1, 23	V. Abashidze, C. Sun
UE	Fr	14-16	wöch. (3)	SPA 1, 21B	V. Abashidze, C. Sun

1) findet ab 29.10.2024 statt

2) findet ab 30.10.2024 statt

3) findet ab 01.11.2024 statt

**70 600      Finance Theory (englisch)**

2 SWS

VL	Mi	10-12	wöch.	SPA 1, 202	A. Stomper
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This course reviews and extends students' understanding of methods for capital budgeting and the valuation of financial and non-financial assets. Topics include NPV, the term structure of interest rates, bond valuation, interest rate parity, the CAPM and the underlying portfolio theory, stock valuation, capital budgeting, the weighted average cost of capital, the theorems of Modigliani and Miller, and capital structure irrelevance as an application of put-call parity.

Literatur:

J. Berk, P. DeMarzo (2017): Corporate Finance, 4th Edition, Pearson.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Finance Theory"

Prüfung:

Written exam (90 min)

**70 600      Finance Theory (englisch)**

2 SWS

UE	Mi	12-14	Einzel (1)	SPA 1, 220	P. Dimke, A. Stomper
	Mi	12-14	Einzel (2)		P. Dimke, A. Stomper
	Mi	12-14	wöch. (3)	SPA 1, 202	P. Dimke, A. Stomper

1) findet am 16.10.2024 statt

2) findet am 23.10.2024 statt ; Übungstermin findet online statt.

3) findet ab 30.10.2024 statt

**707922      Business Analytics and Data Science (englisch)**

2 SWS

VL	Do	10-12	wöch.	SPA 1, 202	S. Lessmann
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The module Business Analytics and Data Science (BADs) is concerned with theories, concepts, and practices to inform and support managerial decision making by means of formal, data oriented methods. Students have the opportunity to develop a variety of skills, including:

- Students are familiar with the three branches of descriptive, predictive and prescriptive analytics and appreciate the relationships between these streams.
- Given some data, students are able to select appropriate techniques to summarize and visualize the data so as to maximize managerial insight.
- Students understand the potential and also the limitations of predictive analytics to aid decision making. They comprehend when and how business applications can benefit from predictive analytics. Given some decision task, they are able to recommend suitable prediction methods.
- Students are familiar with statistical programming languages. Using standard tools, they can develop basic and advanced prediction models and assess their accuracy in a statistically sound manner.

The lecture is accompanied by a tutorial session, in which lecture topics are further elaborated. The aim of the tutorial is to develop and assess empirical models using contemporary data science software. More specifically, the Python programming language is used in tutorial session. Students who are not familiar with Python are given an opportunity to learn Python/programming fundamentals in the first weeks of the tutorial sessions. In order to acquire the skills needed for the course in such short time frame, students must be prepared to invest ample time into self-study exercises.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Business Analytics and Data Science"

Prüfung:

Written exam (90 min)

**707922      Business Analytics and Data Science (englisch)**

2 SWS

UE	Do	14-16	wöch.	SPA 1, 202	S. Lessmann
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**707922 Business Analytics and Data Science (englisch)**  
 2 SWS  
 TU Di 12-14 wöch. (1) SPA 1, 22 G. Velez  
 1) findet ab 22.10.2024 statt

Optional additional tutorial.

## Fachlicher Wahlpflichtbereich Volkswirtschaftslehre und Methodische Grundlagen (Bereich B)

**701044 Applied Econometrics (englisch)**  
 4 SWS  
 VL/UE Fr 16:00-19:15 wöch. SPA 1, 220 N. Sprenger

The course introduces econometric methods for analyzing cross-sectional data, panel data and time series data and discusses their applicability in practice. The following topics are covered: extensions and applications of the linear model; instrumental variable estimation; binary response models; truncated and censored regression, static panel data models; specification, estimation, validation and forecasting of autoregressive models. The application of these methods is explained and illustrated by means of empirical examples.

Organisatorisches:  
 StO/PO BA BWL und VWL 2016: 6 LP, Modul: "Angewandte Ökonometrie"  
 StO/PO MA 2016: 6 LP, Modul: "Applied Econometrics"

Prüfung:  
 Klausur (90 min)

**701044 Applied Econometrics (englisch)**  
 1 SWS  
 TU Mo 08-10 14tgl. (1) SPA 1, 23 S. Kaiser  
 1) findet ab 28.10.2024 statt

Fakultatives Tutorium zur VL + UE.

**701032 Econometric Methods (englisch)**  
 4 SWS  
 VL Mo 10-12 wöch. (1) SPA 1, 202 G. Uhrin  
 Fr 12-14 wöch. (2) SPA 1, 202 G. Uhrin  
 1) findet ab 21.10.2024 statt  
 2) findet ab 18.10.2024 statt

Moodle-Link:  
<https://moodle.hu-berlin.de/course/view.php?id=129431>

Estimation and testing in the general linear model, generalized least squares estimation, asymptotic theory, maximum likelihood estimation and likelihood based testing, nonlinear regression models, stochastic regressors, instrumental variable estimation, (generalized) method of moments.

Schätzen und Testen im allgemeinen linearen Modell, verallgemeinerte Kleinste-Quadratenschätzung, asymptotische Theorie, Maximum-Likelihood-Schätzung und Likelihood-basierte Tests, nichtlineare Regressionsmodelle, stochastische Regressoren, Instrumentalvariablenschätzung, (verallgemeinerte) Momentenmethode.

Part of the course are four ungraded homework-exercises (not applicable for the master's degree in statistics).

Literatur:  
 Davidson, R. and MacKinnon, J.G. (2004): Econometric Theory and Methods, Oxford University Press.  
 Hayashi, F. (2000): Econometrics, Princeton University Press.

Organisatorisches:  
 StO/PO MA 2016: 12 LP, Modul: "Econometric Methods"  
 StO/PO MA Statistik 2016: 10 LP, Modul "Econometric Methods"

Prüfung:  
 Written exam (150 min)

**701032 Econometric Methods (englisch)**  
 2 SWS  
 UE Di 08:30-10:00 wöch. SPA 1, 202 A. Harter,  
 S. Kaiser

**701002 Multivariate Statistical Analysis I (englisch)**  
 4 SWS  
 VL/UE Do 12-14 wöch. SPA 1, 202 M. Eckardt,  
 M. Simnacher  
 Fr 10-12 wöch. SPA 1, 202 M. Eckardt,  
 M. Simnacher

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

The students learn about theoretical foundations of multivariate statistics and are able to use basic multivariate techniques. Topics: Graphical display of multidimensional data, matrix algebra, linear model, correlation, Multivariate random variables, Multinormal distribution, Maximum likelihood theory, Principal components, Discriminant Analysis, and Cluster Analysis.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Multivariate Statistical Analysis"

Prüfung:

Written exam (90 min)

## **701002 Multivariate Statistical Analysis I (optional tutorial) (englisch)**

2 SWS

TU

Fr

08:30-10:00

Einzel

SPA 1, 202

J. Vyturys

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

## **70 803 Introduction to Advanced Microeconomic Analysis (englisch)**

2 SWS

VL

Di

Mo

16-18

08:30-10:00

Einzel (1)

wöch. (2)

SPA 1, 202

SPA 1, 202

W. Lefez

W. Lefez

1) findet am 15.10.2024 statt

2) findet ab 21.10.2024 statt

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=130058>

The course emphasizes a sample of topics ranging from the theory of competitive markets to industrial organization, welfare economics, information, and incentives. The lectures are supplemented by problem-solving exercises and in-class presentations by participants. Topics: general equilibrium; partial equilibrium; externalities; imperfect competition; asymmetric information; behavioral aspects; model application exercises.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Introduction to Advanced Microeconomic Analysis"

Prüfung:

Written exam (90 min)

## **70 803 Introduction to Advanced Microeconomic Analysis (englisch)**

2 SWS

UE

Mi

14-16

wöch. (1)

SPA 1, 220

D. Ravindran

UE

Di

16-18

wöch. (2)

SPA 1, 22

D. Ravindran

1) findet ab 23.10.2024 statt

2) findet ab 22.10.2024 statt

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=130058>

## **70 864 Advanced Microeconomic Theory (PhD-Level) (englisch)**

4 SWS

VL

Mo

12-16

wöch. (1)

SPA 1, 203

C. Basteck,  
D. Ravindran,  
A. Schöttner,  
S. Schweighofer-  
Kodritsch,  
G. von Weizsäcker

1) findet ab 14.10.2024 statt

The students understand fundamental microeconomic concepts and tools on a very advanced level. Topics: theory of consumption and production, optimal decision under uncertainty, general equilibrium, matching, introduction to game theory.

Literatur:

Mas-Colell, A., Whinston, M.D. and J.R. Green (1995), Microeconomic Theory, Oxford University Press

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Advanced Microeconomic Theory I (PhD-Level)"

starting on dies academicus

Prüfung:

Written exam (180 min)

## **70 864 Advanced Microeconomic Theory (PhD-Level) (englisch)**

2 SWS

UE

Di

16-18

wöch.

SPA 1, 23

N.N

## 70 941 Introduction to Advanced Macroeconomic Analysis (englisch)

2 SWS  
VL Di 10-12 wöch. (1) SPA 1, 202 M. Burda  
1) findet ab 15.10.2024 statt

Moodle-Link:  
<https://moodle.hu-berlin.de/course/view.php?id=128488>

This course teaches how to use key concepts and techniques, which are employed in modern macroeconomic analysis. Throughout the course, special emphasis is put on the fact that economic theory can be used as a lens to analyze data. The analysis of linear dynamic models will be done with DYNARE ( <http://www.dynare.org> ), which is easy to handle. In addition, we will develop the underlying method. We will also compare the dynamic consequences of economic shocks in a macroeconomic model with their empirical counterpart. The piece of economic theory that is often used to identify empirical technology shocks comes from growth theory. It is therefore natural to conclude the course with an introduction to that theory.

Literatur:  
Selected articles from journals and chapters from advanced textbooks in macroeconomics

Organisatorisches:  
StO/PO MA 2016: 6 LP, Modul: "Introduction to Advanced Macroeconomic Analysis"

Prüfung:  
Written exam (90 min)

## 70 941 Introduction to Advanced Macroeconomic Analysis (englisch)

2 SWS  
UE Mi 16-18 wöch. (1) SPA 1, 220 M. Burda  
1) findet ab 16.10.2024 statt

Moodle-Link:  
<https://moodle.hu-berlin.de/course/view.php?id=128488>

## 70 942 Advanced Macroeconomic Analysis I (PhD-Level) (englisch)

4 SWS  
VL/UE Mi 08:30-12:00 wöch. M. Burda,  
L. Weinke

The objective of this course is to teach M.A. and Ph.D. students to use macroeconomic concepts and techniques for their own research and incorporates a higher degree of formal analysis than in the introductory master's lecture (IAMA).

**Part I (Prof. Burda):** Methods of modern macroeconomics for researchers in the field. Stationary Markov environments, state-space methods, stochastic difference equations. Dynamic programming and Lagrangian methods, complete markets, dynamic stochastic general equilibrium models, solution techniques. The Ramsey problem.

**Part II (Prof. Weinke):** The focus lies on dynamic stochastic general equilibrium (DSGE) models for positive and normative macroeconomic analysis. Throughout this part of the course, special emphasis will be put on the fact that theory can be used as a lens to analyze data. To this end a number of theoretical and empirical concepts are presented: The computation of impulse response functions, structural vector autoregressions, as well as an introduction to structural estimation. The course concludes with an introduction to Ramsey optimal policy.

**Location: Ostrom-Hall, DIW Berlin, Mohrenstraße 58, 10117 Berlin.**

Literatur:  
Reference list (Prof. Burda): Ljungqvist and Sargent, Recursive Macroeconomics, 3rd edition (Cambridge, USA: 2012); selected journal articles available on moodle.

Reference list (Prof. Weinke): Selected articles, e.g., Galí, Jordi and Pau Rabanal (2004), Technology Shocks and Aggregate Fluctuations: How Well Does the RBC Model Fit Postwar U.S. Data?, in: NBER Macroeconomics Annual.  
Any further documents needed for the lecture will be available on moodle.

Organisatorisches:  
StO/PO MA 2016: 6 LP, Modul: "Advanced Macroeconomic Analysis I (PhD-level)"

Prüfung:  
Written exam (90 min)

## Fachlicher Wahlpflichtbereich Betriebswirtschaftslehre (Bereich C)

### Accounting

## 706205 Steuerliche Gewinnermittlung, Umsatzsteuer und Verfahrensrecht

4 SWS  
VL/UE Do 16-18 wöch. SPA 1, 23 M. Hülsmann  
Fr 10-12 wöch. SPA 1, 23 O. Schröter,  
H. von Cölln



Steuerliche Gewinnermittlung: Es werden die steuerlichen Konsequenzen erarbeitet, die sich aus der Unternehmensgründung der Leistung von Sacheinlagen und der Liquidation von Unternehmen ergeben. Außerdem wird die steuerliche Gewinnermittlung tiefergehend betrachtet. Abschließend werden ausgewählte Probleme der Besteuerung von Personenunternehmen sowie des Gesellschafterwechsels analysiert.

Fundierte Kenntnisse in Grundzügen der Unternehmens- und Konzernbesteuerung werden vorausgesetzt.

Umsatzsteuer und steuerliches Verfahrensrecht: Die Studenten erlernen vor allem anhand von praktischen Beispielen aus der Rechtsprechung sowie aus dem Tagesgeschäft von Unternehmen die Systematik des Umsatzsteuergesetzes unter Vertiefung der Schwerpunkte wie Lieferung, Leistung, Organschaft, Vorsteuerabzug und Vorsteuerberichtigung.

Im steuerlichen Verfahrensrecht lernen die Studenten die Grundzüge der Abgabenordnung und ihre Verschränkung mit dem materiellen Steuerrecht kennen. Dabei liegt die Gewichtung auf dem Steuerbescheid und den Rechtsmitteln, der Festsetzungsfrist und den Änderungsvorschriften. Auch das Steuerstrafrecht und seine Bedeutung für die reguläre Veranlagung werden vermittelt. Das Erlernte wird anhand von Fällen und Fallstudien angewendet und vertieft.

#### Literatur:

Steuerliche Gewinnermittlung:

Federmann, R., Bilanzierung nach Handelsrecht, Steuerrecht und IAS/IFRS, 12. Auflage 2010

Horschitz, H., Groß, W., Fanck, B., Bilanzsteuerrecht und Buchführung, 12. Auflage 2010

Niehus, U., Wilke, H., Die Besteuerung der Personengesellschaften, 5. Auflage 2010

Scheffler, W., Besteuerung von Unternehmen II: Steuerbilanz, 6. Auflage 2010

Umsatzsteuer und steuerliches Verfahrensrecht: Jesch, T./Striegel, A./Boxberger, L. [Hrsg.], Rechtshandbuch Private Equity, 2010 (insb. §§ 8, 13, 25)

#### Organisatorisches:

StO/PO BA BWL 2016: 6 LP, Modul: "Steuerliche Gewinnermittlung, Umsatzsteuer und Verfahrensrecht"

StO/PO MA 2016: 6 LP, Modul: "Steuerliche Gewinnermittlung, Umsatzsteuer und Verfahrensrecht"

StO/PO MEMS 2016: 6 LP, Modul: "Steuerliche Gewinnermittlung / Umsatzsteuer und Verfahrensrecht", Major: Accounting and Finance

#### Prüfung:

Klausur (120 min)

## 708015 Accounting II: Corporate Decision-Making and Quantitative Analysis (englisch)

4 SWS

VL/UE

Mo

12-14

wöch. (1)

SPA 1, 23

U. Brüggemann

Fr

08-10

wöch. (2)

SPA 1, 23

F. Edossa

1) findet ab 21.10.2024 statt

2) findet ab 25.10.2024 statt

#### Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=130282>

This course complements Accounting I (Accounting Theory and Earnings Management) by providing insights on (a) how information can affect corporate decision-making and (b) how quantitative analysis tools can be used on administrative, field and experimental data to support sound business decisions.

The course will combine scientific evidence with real-life business cases. It should therefore be interesting to students who want to prepare for a corporate career in the area of accounting or governance as well as for students who consider writing their Master's thesis in the area of accounting.

Preconditions: To complete this module successfully, students will need a basic understanding of accounting concepts but no detailed institutional knowledge. In addition, students need to be familiar with basic concepts of microeconomics and econometrics.

#### Literatur:

All relevant material will be provided throughout the course.

#### Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Accounting II"

StO/PO MEMS 2016: 6 LP, Modul: "Accounting II", Major: Accounting and Finance

#### Prüfung:

Portfolio exam:

Students will work on various assignments during the semester and submit an individual report by the end of the semester. The final grade for the course will be calculated as the weighted average of the separate grades for each assignment and the individual report. Each student will also present one of their assignments (not graded).

Registration deadline: until November 15, 2024

## 708006 Financial Accounting Research Group (englisch)

2 SWS

SE

Do

14-16

Einzel (1)

SPA 1, 23

U. Brüggemann,

J. Gassen

Do

10-12

Einzel (2)

SPA 1, 220

U. Brüggemann,

J. Gassen

Do

14-16

Einzel (3)

SPA 1, 23

U. Brüggemann,

J. Gassen

Do

14-16

Einzel (4)

SPA 1, 23

U. Brüggemann,

J. Gassen

1) findet am 31.10.2024 statt

2) findet am 07.11.2024 statt

3) findet am 12.12.2024 statt

4) findet am 06.02.2025 statt

#### Moodle-Link:

<https://moodle.hu-berlin.de/user/index.php?id=130944>

The objective of the "Financial Accounting Research Group" (FARG) is to introduce select students to current research in financial accounting. Participants of the FARG will learn the necessary skills to understand conceptual underpinnings and common empirical design choices in this area of research.

The FARG is organized around the Finance-Accounting Research Seminar that provides a forum for invited guest speakers to present current research papers. Participants of the FARG are welcome to attend the accounting talks of this seminar and expected to join internal discussion meetings of our institute in preparation of these talks. There are usually three accounting talks and three preparatory discussion meetings per semester. For details on the schedules of current and past semesters, please see here: Master students can obtain 6 ECTS by (i) participating in the FARG for at least two semesters and (ii) writing three reviews (or two reviews and a discussion protocol) on papers that are presented by our guest speakers. Bachelor students cannot obtain ECTS through the FARG, but they are very welcome to join our talks and discussion meetings for inspiration. Students who participated in the FARG for at least two semesters will receive a certificate that confirms their participation.

Enrolment into the FARG is possible at the beginning of each semester. Details on the application procedure will be announced in early April (summer term) and early October (winter term) via the website of our institute. The language of the seminar is English. The number of participants is limited to 20 students. We will base our choice of suitable students on § 90 ZSP-HU.

Registration until October 15, 2024 via Email: [u.bruggemann@hu-berlin.de](mailto:u.bruggemann@hu-berlin.de)

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Financial Accounting Research Group"

StO/PO MEMS 2016: 6 LP, Modul: "Financial Accounting Research Group", Major: Accounting and Finance

Prüfung:

Portfolio:

Students can obtain 6 ECTS by (i) participating in the FARG for at least two semesters and (ii) writing three reviews (or two reviews and a discussion protocol) on papers that are presented by our guest speakers.

## 70 800

### Master's Thesis Seminar Accounting (englisch)

2 SWS

SE

Fr

10-12

wöch. (1)

DOR 1, 005

U. Brüggemann

1) findet ab 18.10.2024 statt

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=130886>

The main objective of the seminar is to support each participant in developing a research project that is suitable for a Master's thesis at the Institute of Accounting and Auditing. Note that only those students who successfully completed this seminar are eligible to write a Master's thesis at the Institute of Accounting and Auditing. The number of participants is limited (max. 10 students). For more details, please check our website ( ).

Prerequisites: Seminar participants are expected to have a sound understanding of accounting, corporate finance and econometrics.

Application period: 1 July to 30 September 2024

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Master's Thesis Seminar Accounting"

StO/PO MEMS 2016: 6 LP, Modul: "Master's Thesis Seminar Accounting", Major: Accounting and Finance

Prüfung:

Portfolio:

Seminar participants have to complete three assignments in order to show their learning progress.

- The first assignment is to replicate and extend parts of an already published empirical paper. The goal is to provide the participants with the necessary skills to conduct each step of an empirical analysis (i.e., data preparation, data description and data analysis) on their own. Students will work on the first assignment during the first half of the seminar for about six weeks.
- The second assignment is to prepare a research proposal. The idea is that the participants use their insights from the first assignment and the seminar meetings to develop a proposal as a potential foundation for their Master's thesis. Students will work on the second assignment during the second half of the seminar for about six weeks.
- The third assignment is to present the research proposal during the last seminar meeting to all other participants as well as selected members of our institute. Students are also expected to discuss the proposals of the other participants.

The final grade will be given/will be awarded for the portfolio of all three assignments.

## 706203

### Master Tax Seminar (englisch)

2 SWS

SE

Mo

16-18

wöch.

SPA 1, 21B

R. Maiterth

Fundierte Kenntnisse der Unternehmensbesteuerung sowie in Statistik und Ökonometrie werden vorausgesetzt. Da in dem Masterseminar nur empirische Themen vergeben werden, sind zudem Grundkenntnisse in einer Statistiksoftware (z. B. Stata, R) wünschenswert. Ansonsten müssen sich diese am Anfang des Seminars selbst erarbeitet werden.

Bestandteil des Seminars ist eine unbenotete Präsentation (45 min).

Anmeldung: In der Veranstaltung (voraussichtlich nach der 1. Veranstaltung)

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Master Tax Seminar"

StO/PO MEMS 2016: 6 LP, Modul: "Master Tax Seminar", Major: Accounting and Finance

Prüfung:

Hausarbeit

## 708014 Accounting Reading Group (englisch)

2 SWS  
SE

Fr

14-16

Einzel

DOR 1, 005

U. Brüggemann,  
J. Gassen

Moodle-Link:

<https://moodle.hu-berlin.de/user/index.php?id=130943>

The objective of this course is that students are able to (i) understand and critically evaluate seminal research in accounting and (ii) use these skills to develop an exposé for a research project that has the potential to contribute to extant literature.

The course entails group discussions of seminal papers that identify fundamental questions in accounting research and that use innovative methods to address such questions.

Master students can obtain 6 ECTS by (i) actively participating during the reading group sessions and (ii) writing and presenting an exposé for a research project. Bachelor students cannot obtain ECTS through the Accounting Reading Group, but they are very welcome to join our reading group sessions for inspiration.

Enrolment into the Accounting Reading Group is possible at the beginning of each semester.

Maximum number of participants : 20

Registration: via Email to Ulf Brüggemann (u.bruiggemann(at)hu-berlin.de) until October 15, 2024.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Accounting Reading Group"

StO/PO MEMS 2016: 6 LP, Modul: "Accounting Reading Group", Major: Accounting and Finance

Prüfung:

Portfolio: writing and presenting an exposé

## Financial Economics

### 701144 Financial Derivatives (englisch)

2 SWS

VL

Mo

14-16

wöch. (1)

SPA 1, 202

M. Bruche

1) findet ab 21.10.2024 statt

Upon completion of the module, students will be familiar with how standard financial derivatives such as futures, forwards, and options are structured and how they are used in risk management. They will be able to apply standard pricing methods such as the binomial model and the Black-Scholes model, but will also develop a critical understanding of the derivatives business and its role in financial markets and society.

Prerequisites: "Grundlagen der Finanzwirtschaft 1", "Mathematik I", „Statistik I" or equivalent knowledge

Literatur:

Hull, J. C.: "Options, Futures, and Other Derivatives", Pearson, 9th Edition (Global Edition, 2017)

Shreve, S.: "Stochastic Calculus for Finance I: The Binomial Asset Pricing Model", Springer Verlag (2005)

Shreve, S.: "Stochastic Calculus for Finance II: Continuous-Time Models", Springer Verlag (2008)

Organisatorisches:

StO/PO BA BWL und VWL 2016: 6 LP, Modul: "Financial Derivatives"

StO/PO MA 2016: 6 LP, Modul: "Financial Derivatives"

StO/PO MEMS 2016: 6 LP, Modul: "Financial Derivatives", Major: Accounting and Finance

Prüfung:

Written exam (90 min)

### 701144 Financial Derivatives (englisch)

2 SWS

UE

Mo

16-18

wöch. (1)

SPA 1, 202

M. Gerlach

Fr

12-14

wöch. (2)

SPA 1, 22

M. Gerlach

1) findet ab 21.10.2024 statt

2) findet ab 25.10.2024 statt

### 701154 Entrepreneurial Finance and Venture Capital (englisch)

2 SWS

SE

Di

10-12

wöch.

SPA 1, 21B

T. Adam

The course introduces students to entrepreneurial finance and venture capital, providing an overview of the venture capital industry and valuation techniques used in the area. Upon completion of the course, students will be familiar with (i) economic challenges faced by startups and how various forms of entrepreneurial finance help address them; (ii) main sources of entrepreneurial finance; (iii) institutional aspects of the venture capital industry; (iv) key valuation methods.

Prerequisites: Advanced Corporate Finance

To apply, please submit your documents (application form) to [felicia.brown@hu-berlin.de](mailto:felicia.brown@hu-berlin.de) latest on Monday, 09.10.2024. You can find the application form here: <https://www.wiwi.hu-berlin.de/en/professuren/bwl/finance/study/application>

Max. 20 participants. If there are more applicants than spots, we will make a lottery in advance and let you know about the result.

**Some dates are held in online format due to external speakers.**

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Selected Topics in Business Administration"

Prüfung:

Portfolioexam (three term papers/homeworks).

**701149 Research Topics in Finance I (englisch)**

2 SWS  
SE Mo 10-12 wöch. (1) DOR 1, 405 M. Bruche  
1) findet ab 21.10.2024 statt

This course explores classic and current academic research on Financial Intermediation. It targets PhD and Master students who are currently looking for a topic for their own thesis. The course starts with a lecture-style presentation of the overarching research themes in the literature. Seminar participants will then present and discuss classic papers, as well as current unpublished papers that are still being presented at conferences.

Prerequisites: A good understanding of applied data analysis, especially linear regression, as we will be discussing empirical research.

Registration in the first session.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Research Topics in Finance I"

StO/PO MEMS 2016: 6 LP, Modul: "Research Topics in Finance I", Major: Accounting and Finance

Prüfung:

Term paper

**701124 Master Thesis Seminar in Corporate Finance (englisch)**

4 SWS  
SE Di 14-18 wöch. DOR 1, 405 T. Adam

The purpose of this seminar is to introduce students to major empirical research topics and methods in corporate finance in order to prepare them for writing a Master thesis. In the first part of the seminar we will review some of the main econometric techniques such as regression analysis, time series models, panel data estimation, and event studies from an end user perspective. The second part of the seminar consists of student presentations of important research papers in corporate finance. In addition, students are required to replicate an empirical research paper with new data using Stata or R.

Part of the seminar is an ungraded term paper.

Prerequisites: "Finance Theory" and at least 2 additional Master modules in Finance.

To apply, please submit your documents (application form) to [felicia.brown@hu-berlin.de](mailto:felicia.brown@hu-berlin.de) latest on Monday, 09.10.2024. You can find the application form here: <https://www.wiwi.hu-berlin.de/en/professuren/bwl/finance/study/application>

Max. 20 participants

Literatur:

Wooldridge, J. M.: "Introductory Econometrics", South-Western (2009)

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Master Thesis Seminar in Finance"

StO/PO MEMS 2016: 6 LP, Modul: "Master Thesis Seminar in Finance", Major: Accounting and Finance

Prüfung:

Multimedia-based exam (45 min)

**709005 Research-Seminar Corporate Finance (englisch)**

2 SWS  
FS Mi 12-14 wöch. DOR 1, 405 T. Adam

Discussion of research papers.

Organisatorisches:

Keine Leistungspunkte / no credit points.

**709039 Finance Research Seminar (deutsch-englisch)**

2 SWS  
FS Do 14-16 wöch. DOR 1, 405 M. Bruche

Current research topics in Finance, see: <https://www.wiwi.hu-berlin.de/en/professuren/bwl/finance/seminars>

No participation limit. No obtainment of credit points.

Organisatorisches:

Keine Leistungspunkte / no credit points.

**Entrepreneuership****70 632 Entrepreneurial and Behavioral Decision Making (englisch)**

2 SWS  
VL Di 16-18 wöch. SPA 1, 125 C. Schade

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=130553>

The students know normative and descriptive approaches of decision and game theory and their applications in order to better understand how entrepreneurial and other decisions are made.

Being confronted with classroom experiments, students also learn about their own decision tendencies.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Entrepreneurial and Behavioral Decision Making"  
StO/PO MA 2016: 6 LP, Modul: "Entrepreneurial and Behavioral Decision Making", Major: Quantitative Management Science

Prüfung:  
Written exam (90 min)

70 632	Entrepreneurial and Behavioral Decision Making (englisch)					
	2 SWS					
	UE	Di	12-14	wöch. (1)	SPA 1, 21B	M. Karsten
	UE	Mi	14-16	wöch. (2)	SPA 1, 21B	M. Karsten
	1) findet ab 22.10.2024 statt					
2) findet ab 23.10.2024 statt						

Moodle-Link:  
<https://moodle.hu-berlin.de/course/view.php?id=130553>

<b>70 646</b>	<b>Seminar on Entrepreneurship and Innovation Theory (englisch)</b>					
2 SWS						
SE	Mo	14-16	wöch. (1)	SPA 1, 23	C. Schade	
1) findet ab 21.10.2024 statt						

At the beginning of the Seminar, participants are given selected topics to which they will prepare a seminar paper to present in front of the entire group.  
The seminar covers various fields from the institute's research. Students write seminar papers on selected topics. Often, the seminar paper involves the design and implementation of a small experiment and/or the analysis of statistical data. See also announcement on the institutes website. Seminar participation is a requirement if you want to write a master thesis at our institute. Part of the Seminar: Ungraded presentation and discussion.  
No. of participants: max. 20  
Registration deadline: Registration document can be downloaded from website of the chair ([ebdm.wiwi.hu-berlin.de](http://ebdm.wiwi.hu-berlin.de)) and must be handed in personally or via email to [entre@wiwi.hu-berlin.de](mailto:entre@wiwi.hu-berlin.de) by September 30, 2024. If more than 20 applications are received, participants will be selected randomly by a lottery draw.

Literatur:  
Will be announced in first session.

Organisatorisches:  
StO/PO MA 2016: 6 LP, Modul: "Master Seminar on Entrepreneurship and Innovation"  
StO/PO MEMS 2016: 6 LP, Modul: "Master Seminar on Entrepreneurship and Innovation", Major: Quantitative Management Science

Prüfung:  
Term paper

## Marketing

<b>70 701</b>	<b>Seminar Marketing (englisch)</b>					
2 SWS						
SE	Mi	12-14	wöch.	SPA 1, 22	D. Klapper	

This course focusses on estimating brand preferences price elasticities between differentiated products on consumer goods markets. We use panel data and work with the programming language R.  
According to the information on our website in September 2024 students have to sign up for the course from October 1 until October 13, 2024.  
Max. number of participants: 20  
Prerequisite: Detailed knowledge in the programming language R and Marketing. The allocation of the places will be decided by lot. Detailed information will be provided in the syllabus on the homepage of the Institute of Marketing.

Organisatorisches:  
StO/PO MA 2016: 6 LP, Modul: "Seminar Marketing"  
StO/PO MEMS 2016: 6 LP, Modul: "Seminar Marketing", Major: Quantitative Management Science

Prüfung:  
Seminar paper

<b>709002</b>	<b>Einführung in das wissenschaftliche Arbeiten/Introduction to scientific work (BA/MA) (deutsch-englisch)</b>					
1 SWS						D. Guhl,
SE						N. Yegoryan

Dieser Kurs richtet sich an Studierende, die eine Seminar- oder Abschlussarbeit am Institut für Marketing schreiben. Er bietet keine zusätzlichen Credits und ist kein Ersatz für das reguläre Marketing-Seminar (siehe Voraussetzungen für [Bachelor](#) - und [Master](#) -Arbeiten). Der gesamte Stoff dieses digitalen (asynchronen) Kurses wird zum Selbststudium bereitgestellt. Es gibt keine Präsenzveranstaltungen, Sprechstunden, Aufgaben oder Noten. Der Kurs soll den Studierenden am Anfang einer Seminar- oder Abschlussarbeit am Institut für Marketing helfen und wir erwarten, dass die Studierenden die besprochenen Themen kennen und verstehen. Mit Hilfe mehrerer kurzer Videovorlesungen in Verbindung mit Folien und zusätzlichem Material lernen die Studierenden, wie sie 1) das Thema umreißen, inklusive der Entwicklung von Forschungsideen, der Definition von Forschungsfragen, der Suche und Durchsicht vorhandener Literatur, 2) verschiedene Arten wissenschaftlicher Arbeiten durchführen, 3) eine wissenschaftliche

Arbeit (z.B. Seminar- und Abschlussarbeiten) verfassen, inklusive der Strukturierung der Arbeit, Richtlinien für das Zitieren vorhandener Literatur und die Formatierung der Arbeit, sowie Tipps und Do's and Don'ts für das Schreiben wissenschaftlicher Arbeiten.

This course is for students writing a seminar paper or a thesis at the Institute of Marketing. It does not provide additional credits and is not a substitute for a regular Marketing seminar (see prerequisites for [Bachelor](#) and [Master](#) theses). All the material in this digital (asynchronous) course is there for self-learning. There are no in-class meetings, office hours, assignments, or grades. The course is intended to help students at the beginning of a seminar or thesis at the Institute of Marketing, and we expect the students to know and understand the topics discussed. Through a series of short video lectures coupled with slides and additional material, students will learn how to 1) outline the topic, including developing research ideas, defining research questions, searching and reviewing existing literature, 2) conduct different types of scientific work, 3) write a scientific paper (e.g., seminar papers and theses), including how to structure the paper, guidelines on citing existing literature, guidelines in formatting the paper, as well as tips and dos and don'ts in scientific writing.

Einschreibung nicht über Agnes, Material über Moodle, Moodle-Key und Anmeldung nach Bedarf per E-Mail an: [narine.yegoryan@hu-berlin.de](mailto:narine.yegoryan@hu-berlin.de) und [daniel.guhl@hu-berlin.de](mailto:daniel.guhl@hu-berlin.de).

Organisatorisches:

Keine Leistungspunkte / no credit points.

## Management

### 706819 Incentives in Organizations (englisch)

4 SWS

VL/UE

Mo

10-12

wöch. (1)

SPA 1, 22

J. Radbruch

Do

08:30-10:00

wöch. (2)

SPA 1, 203

J. Radbruch

1) findet ab 21.10.2024 statt

2) findet ab 24.10.2024 statt

Moodle-Link:

<https://moodle.hu-berlin.de/enrol/index.php?id=131116>

Students get familiar with advanced problems of coordination and incentive provision within and between firms. They learn how to identify and discuss these problems based on concepts from organizational economics and contract theory.

Topics: incentive and coordination problems within and between firms: adverse selection, team problems, relational contracts, relative performance evaluation

Part of the course is an ungraded presentation.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Incentives in Organizations"

StO/PO MEMS 2016: 6 LP, Modul: "Incentives in Organizations", Major: Quantitative Management Science

Prüfung:

Written exam (60 min)

## Information Systems

### 70 777 Seminar Information Systems (englisch)

2 SWS

SE

Mi

12-14

wöch.

SPA 1, 21B

G. Velez,

A. Zharova

Learning Objectives: The module is concerned with recent developments and emerging technologies in the field of Information Systems. Students have the opportunity to develop the following skills: Students further develop their knowledge and understanding of the theories, applications and methods of Information Systems. Students are able to critically appraise recent IS trends and developments using established IS theories and practices. Students further develop their ability to conduct scholarly research, concentrating on academic writing, information retrieval and literature analysis.

Information from Moodle:

Welcome to our master seminar, in which you will grow your excellency in applied machine learning and develop your skills as a researcher. The seminar is designed as a follow-up to our graduate lectures and will ready you for writing a master dissertation in the wide scope of data science.

The overarching topic of this year's seminar is Applied Machine Learning for Smart Home and Digital Marketing. Within this scope, we have compiled a set of seminar topics that provide you with an opportunity to learn about recent developments in artificial intelligence research and real-world applications.

The seminar targets master students in their third study semester. Ideally, you have completed our MSc. modules [Business Analytics & Data Science](#) (BADS) and [Advanced Data Analytics for Management Support](#) (ADAMS) or Deep Learning for Text Analytics prior to taking the seminar. Specifically, we expect a solid understanding of (deep) machine learning and data science as well as proficiency in Python and/or R programming from every participant. These competencies can be acquired in the above modules but also elsewhere. Therefore, completion of BADS and ADAMS is recommended but not a mandatory requirement to participate in the seminar. Completion of other modules in the scope of computational statistics, econometrics, and machine learning prior to attending the seminar is useful but is not a requirement.

Part of the seminar: Ungraded presentation of the term paper and discussion.

Audience: master students in the 3rd semester (not suitable for students in the 1st semester)

Participation limit: 24

Registration for the seminar takes place online via AGNES till October 09, 2024.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Seminar Information Systems"

StO/PO MEMS 2016: 6 LP, Modul: "Seminar Information Systems", Major: Quantitative Management Science

Prüfung:  
Term paper

<b>709048</b>	<b>Seminar zur Präsentation der Abschlussarbeiten in Wirtschaftsinformatik</b>
2 SWS	
FS	Do
	16-18
	wöch.
	SPA 1, 338
	G. Velev, A. Zharova

Präsentationen der Abschlussarbeiten und Zwischenberichte, Dissertationen

Organisatorisches:  
Keine Leistungspunkte / no credit points.

## Fachlicher Wahlpflichtbereich Wirtschaftswissenschaften (Bereich D)

Werden in den Bereichen A bis C mehr als die erforderlichen LP erbracht, verringert sich der Bereich D entsprechend.

### Volkswirtschaftslehre

<b>70 953</b>	<b>Empirical Labor Economics (englisch)</b>
4 SWS	
VL/UE	Mi
	12-14
	wöch. (1)
	SPA 1, 125
	A. Spitz-Oener, S. Waights
	Mo
	14-16
	wöch. (2)
	SPA 1, 22
	A. Spitz-Oener, S. Waights

1) findet ab 16.10.2024 statt  
2) findet ab 21.10.2024 statt

This course provides an overview on the economic analysis of labor markets. The emphasis is on applied microeconomics and empirical analysis. Topics to be covered include: labor supply and demand, human capital, education and training, changes in the wages structure and inequality, biased technological change and returns to skills, organizational change and skill demand, the closing gender gap. The introduction of topics will be on textbook level, but the focus will be on the discussion of empirical implementation strategies used in recent publications.  
Acquaintance of intermediate microeconomics or labor economics and econometrics is highly recommended.

Literatur:

R. Ehrenberg and R. Smith, 2003, Modern Labor Economics;  
P. Cahuc and A. Zylberberg, 2004, Labor Economics;  
+ selected journal articles

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Empirical Labor Economics"  
StO/PO MEMS 2016: 6 LP, Modul: "Empirical Labor Economics", Major: Macroeconomics

Prüfung:  
Written exam (90 min)

<b>701073</b>	<b>European Economic History I (1800-1914) (englisch)</b>
4 SWS	
VL/UE	Di
	14-16
	wöch.
	SPA 1, 125
	N. Wolf
	Do
	14-16
	wöch.
	SPA 1, 220
	M. Reiske

The lecture will cover the most important aspects of the European economic development from the turn of the 19<sup>th</sup> century to the outbreak of the First World War. Topics include the Industrial Revolution, population growth and migration, international trade, the Gold Standard, as well as the economics of nationalism, colonialism and war. In the tutorial, we will discuss key texts and important concepts.

Tutorial: <https://moodle.hu-berlin.de/course/view.php?id=123511>

Literatur:

Broadberry, S.; O'Rourke, K. (eds.) (2010). The Cambridge Economic History of Modern Europe. Cambridge University Press.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "European Economic History I"  
StO/PO MEMS 2016: 6 LP, Modul: "European Economic History I", Major: Macroeconomics

Prüfung:  
Written exam (90 min)

<b>709905</b>	<b>Social Preferences - Theories and Evidence (englisch)</b>
4 SWS	
VL/SE	Di
	10-14
	wöch.
	SPA 1, 23
	L. Neyse, F. Petros



Social or other-regarding preferences refer to preferences of economic agents regarding other people's outcomes. These preferences can be both benevolent and malevolent, but crucially they differ from selfish preferences without any regard for others. The course provides an introduction to key evidence about the relevance of social preferences in economic interaction as well as the most important theoretical approaches that aim at explaining these results.

Most of the discussed evidence will be from controlled laboratory experiments. Critique regarding the relevance of (laboratory) experiments on social preferences will be discussed as well. Apart from methodological critique, experimental studies that critically reflect on prominent papers and research agendas will be presented in order to highlight the relevance of apparent subtleties in experimental design.

Specific requirements:

Some knowledge of game theory is helpful, but fairly basic experience is mostly sufficient. Knowledge of statistical analysis will make it easier to follow the data analysis in the experimental papers and thus enable a more critical view, but is not strictly necessary.

Maximum 30 participants, registration in the first/second week of the lecture.

Part of the seminar is an ungraded presentation.

Literatur:

The course literature consists of a list of journal articles. Some key articles are below, further literature will be announced during the course

Andreoni, James (1995). Cooperation in Public Goods Experiments: Kindness or Confusion? *American Economic Review* 85(4), 891-904.

Andreoni, James and John H. Miller (2002). Giving According to GARP: An Experimental Test of the Consistency of Preferences for Altruism. *Econometrica* 70(2), 737-753.

Bénabou, Roland and Jean Tirole (2006). Incentives and prosocial behavior. *American Economic Review* 96(5). 1652-1678.

Blanco, Mariana, Dirk Engelmann, and Hans-Theo Normann (2011). A Within-Subject Analysis of Other-Regarding Preferences. *Games and Economic Behavior* 72(2), 321-338.

Bolton, Gary E. and Axel Ockenfels (2000). ERC: A Theory of Equity, Reciprocity and Competition. *American Economic Review* 90(1), 166-193.

Dufwenberg, Martin, Paul Heidhues, Georg Kirchsteiger, Frank Riedel, and Joel Sobel (2011). Other-Regarding Preferences in General Equilibrium. *Review of Economic Studies* 78(2), 613-639.

Engelmann, Dirk and Martin Strobel (2004). Inequality Aversion, Efficiency, and Maximin Preferences in Simple Distribution Experiments. *American Economic Review* 94(4), 857-869.

Fehr, Ernst and Simon Gächter (2000). Cooperation and Punishment in Public Goods Experiments. *American Economic Review* 90(4), 980-994.

Fehr, Ernst and Klaus M. Schmidt (1999). A Theory of Fairness, Competition and Cooperation. *Quarterly Journal of Economics* 114(3), 817-868.

Levitt, Steven D. and List, John A. (2007). What Do Laboratory Experiments Measuring Social Preferences Reveal About the Real World? *Journal of Economic Perspectives* 21(2), 153-174.

Nikiforakis, Nikos, 2008. Punishment and Counter-punishment in Public Good Games: Can we Really Govern Ourselves? *Journal of Public Economics* 92(1-2), 91-112.

Early relevant surveys are provided in:

- Camerer, Colin F. (2003). *Behavioral Game Theory*, Princeton University Press. Chapter 2
- Ledyard, John (1995): *Public Goods: A Survey of Experiment Research*. In: John H. Kagel and Alvin E. Roth, *Handbook of Experimental Economics*, Princeton University Press.

Organisatorisches:

StO/PO MA BWL und VWL 2016: 6 LP, Modul: "Social Preferences"

StO/PO MA MEMS 2016: 6 LP, Modul: "Social Preferences", Major: Microeconomics

Prüfung:

Term paper

## 709939 Advanced Industrial Organizations (englisch)

4 SWS

VL/UE

Mi

08:30-12:00

wöch.

SPA 1, 22

T. Gamp

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=130761>

The digital age has seen the rise of the internet which has made an abundance of information about products and competitors available upon a click with massive platforms dominating the economy, emphasizing the value of consumer data.

This course explores the factors behind this digital boom and the policy challenges it poses. We'll discuss how companies create and profit from network effects and how intermediaries and platforms organize trade. We'll delve into the economics of consumer search and search engines to understand how the internet shapes the firms' product design and pricing strategies. We examine how competition laws address the rise of digital platforms, with a particular focus on consumer data and privacy.

Recommended module or comparable previous knowledge: Some previous knowledge in game theory and industrial organization is very helpful.

The master module Advanced Microeconomic Analysis is very helpful. Moreover, the following bachelor modules "Mikroökonomie II", "Einführung in die Spieltheorie", "Industrial Organization" or similar classes are very helpful.

Organisatorisches:

StO/PO MA BWL und VWL 2016: 6 LP, Modul: "Topics in Microeconomics"

StO/PO MA MEMS 2016: 6 LP, Modul: "Topics in Microeconomics", Major: Microeconomics

Prüfung:

Written exam (90 min)

## 70 831 Economic Growth (englisch)

4 SWS

VL/UE

Do  
Fr

10-12  
08:30-10:00

wöch.  
wöch.

SPA 1, 21B  
SPA 1, 21B

F. Schwark  
F. Schwark



This lecture gives an overview of basic and advanced theoretical models of economic growth. We focus on questions like: Can we assume that all countries will grow at the same rate in the long run? What are the drivers for long-run growth? What are the challenges to modelling growth dynamics? Topics include the following: Economic convergence of countries, the Solow-Swan model, the Ramsey model, one- and two-sector models of endogenous growth, a model with expanding varieties, the Schumpeterian model of growth, diffusion of technology, and growth accounting.

At the end of the lecture, students are able to understand and apply exogenous and endogenous economic growth models for further research analysis. The problem sets are additional mathematical examples to give students a better understanding of the lecture.

The course requires prior knowledge of the lecture "Introduction to Adv. Macroeconomics".

**The course will take place in person from 17.10.24 to 25.10.24. Afterwards online via videos. The second attendance block is expected to take place from January 2025.**

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Economic Growth"

StO/PO MEMS 2016: 6 LP, Modul: "Economic Growth", Major: Macroeconomics

Prüfung:

Written exam (90 min)

## 70 997 Monetary Policy, Financial Markets and the European Crisis (englisch)

2 SWS

SE	Di	13-16	Einzel (1)	M. Fratzscher
	Mi	13-17	Einzel (2)	M. Fratzscher
	Di	10-13	Einzel (3)	M. Fratzscher
	Do	10-14	Einzel (4)	M. Fratzscher

1) findet am 15.10.2024 statt

2) findet am 16.10.2024 statt

3) findet am 11.02.2025 statt

4) findet am 13.02.2025 statt

**Location:** DIW, Mohrenstr. 58, Karl Popper Room, 2nd floor.

Discussion of seminar topics: 15.10. + 16.10.2024.

Presentation and discussion of seminar papers: 11.02. + 13.02.2025.

In this seminar, the participants shall prepare and present a seminar paper. The participants choose a topic that fits to the seminar title, which means that it shall deal with the European crisis. Recommendable are topics, which analyze economic policy decisions (especially the monetary policy of the ECB) as well as the functioning of the financial markets or the contagion effects of the crisis. The paper can be empirical or theoretical and shall orientate towards the academic literature in this field.

Part of the Seminar: Ungraded presentation and discussion.

To allow an intensive dialogue among the students, the seminar is organized in block classes. Many topics are closely related to each other.

Restriction to participation: 20

Registration: 23.09.2024 - 27.09.2024 via e-mail to [mfraztscher@diw.de](mailto:mfraztscher@diw.de)

Please indicate your program and matriculation number and briefly outline why you are interested in this seminar and how it fits into your study plans.

Audience: Master students, PhD (BDPEMS, GC)

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Topics in Macroeconomics"

StO/PO MEMS 2016: 6 LP, Modul: "Topics in Macroeconomics", Major: Macroeconomics

Prüfung:

Term paper

## 7010924 Empirical Research in Economics (englisch)

2 SWS

SE	Fr	12-14	wöch.	SPA 1, 21B	F. Kersting
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In this seminar, we will deal with empirical research from two angles: First, we introduce core concepts from philosophy of science that are relevant for empirical research, e.g., critical realism and causality. Second, we practice conducting empirical research by critically reading and replicating existing research.

A component of the seminar is an ungraded presentation.

Required: A good understanding of econometrics (OLS and causal inference). Bachelor students are required to have taken the course "Introduction to Econometrics".

Max. 20 participants.

Application: Please send a mail to Dr. Felix Kersting ([f.kersting@hu-berlin.de](mailto:f.kersting@hu-berlin.de)) until 30 September 2024 indicating also the program you study. If there are more applicants than spots, we will draw a lottery in advance and let you know about the result 5 October, 2024.

Literatur:

Chalmers, A.F. (2013). What is this thing called science? Hackett Publishing.

Cunningham, S. (2021). Causal inference. The mixtape. Yale University Press.

Organisatorisches:

StO/PO BA BWL und VWL 2016: 6 LP, Modul: "Themen der europäischen Wirtschaftsgeschichte"

StO/PO MA 2016: 6 LP, Modul: "Selected Topics in Economics"

Prüfung:

Term paper

<b>7010926</b>	<b>Political Economy of Crises: Topics from mid-20th century Europe (englisch)</b>	2 SWS	Do	16-18	wöch.	SPA 1, 21A	J. Mössler, M. Reiske
		SE					

In this seminar, we will examine different crises of inter- and post-war Europe through a political economy lens. We will discuss how diverging economic interests shaped the policy space in response to a crisis as well as how implemented policies affected economic and political outcomes by studying relevant empirical papers in depth.

A component of the seminar is an ungraded presentation.

Required: An interest in the economic history of the period (ideally you have attended European Economic History II) and a good understanding of econometrics (OLS and causal inference). Bachelor students are required to have completed the courses "Einführung in die VWL und Wirtschaftsgeschichte" and "Einführung in die Ökonometrie".

Max. 20 participants.

Application: Please send a mail to Jil Mössler (moesslej@hu-berlin.de) until 30 September, 2024 indicating also the program you study, i.e. whether Bachelor or Master as well as economics, business studies, or other fields.

If there are more applicants than spots, I will draw a lottery in advance and let you know about the result by 5 October 2024.

Literatur:

James, H. (2009). The End of Globalization: Lessons from the Great Depression. Harvard University Press.

Cunningham, S. (2021). Causal inference. The mixtape. Yale University Press.

Organisatorisches:

StO/PO BA BWL und VWL 2016: 6 LP, Modul: "Themen der europäischen Wirtschaftsgeschichte"

StO/PO MA 2016: 6 LP, Modul: "Economic History"

StO/PO MEMS 2016: 6 LP, Modul: "Economic History", Major: Macroeconomics

Prüfung:

Term paper

<b>70 935</b>	<b>Topics in Macroeconomics and Labor Economics (englisch)</b>	2 SWS	Mo	16-18	wöch.	SPA 1, 21A	M. Burda
		SE					

Selected current research **topics in labor economics/macroeconomics/green transition** are discussed and presented in class, with literature search, replication or original research cumulating in a paper on one assigned topic. This seminar is a prerequisite for preparation of a master's thesis under the supervision of Prof. Burda and requires his prior approval. A mandatory component of the seminar is an ungraded presentation by the participant.

Max. number of participants: 30

Registration takes place in the first two meetings of the seminar. For more information see the Moodle page.

Literatur:

Readings and other references will be made available online or via Moodle.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Topics in Labor Economics and Macroeconomics" or in combination with a master thesis (no credit points)

StO/PO MEMS 2016: 6 LP, Modul: "Topics in Labor Economics and Macroeconomics", Major: Macroeconomics or in combination with a master thesis (no credit points)

Prüfung:

Term paper or Master thesis

<b>7010910</b>	<b>History of Economic Thought in the 20th Century (englisch)</b>	2 SWS	Do	14-16	wöch.	SPA 1, 21B	A. Vogt
		SE					

**From Paul A. Samuelson to Esther Duflo:**

The seminar "History of Economic Thought in the 20th century" has the focus on the work of economists and mathematicians, who were awarded with the Nobel Prize in Economics, i. e. the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel. We will study some economic theories from a historical perspective by investigating significant publications of some of the 76 Laureates between 1969 and 2015. Furthermore, the development of mathematical and statistical methods which became important tools, will be discussed. Active participation is desired; the seminar is for students who are interested in history of economics and mathematical economics.

First, we will sketch the background of the history of economics in general until the present. Second, we will investigate the history of the Nobel Foundation, its Prizes, and the establishment of the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel. Between 1969 and 2015 the Prize has been awarded 47 times to 76 Laureates from different countries and various special fields. Third, we want to study some work of these scholars which contributed to economic thought, by developing either economic theories or special methods for a better understanding of micro- and macroeconomics or using mathematical methods and tools. The exceptional role of mathematics, the close connections between economic theories and mathematical methods and the limits of mathematics will be studied and discussed too. The aim of the seminar is to study classical papers on economics and to analyse them from a historical perspective.

A component for the seminar is an ungraded presentation.

Max. participants: 25

Application deadline: 16.09.2024 - 12.10.2024 (until 10 pm) via Email to [annette.vogt@hu-berlin.de](mailto:annette.vogt@hu-berlin.de)

Literatur:

Literature will be given at the beginning of the seminar.

Organisatorisches:

StO BA BWL und VWL 2016: 6 LP, Modul: "History of Economic Thought in the 20th Century"

StO/PO MA 2016: 6 LP, Modul: "History of Economic Thought in the 20th Century"

Prüfung:  
Term paper

**709018 Studienabschlusssseminar zu Themen der Angewandten Arbeitsmarktökonomik (englisch)**

2 SWS

SE

Do

12-14

wöch.

SPA 1, 342

A. Spitz-Oener

This seminar offers bachelor and master students the opportunity to write an empirical thesis on a labor market topic. Participants are expected to perform an empirical analysis, discuss the relevant literature, data sources, methodology and to acquaint themselves with the necessary institutional details and to present and discuss their work. Generally, the seminar presentations will be held in English. Bachelor students may hold their presentations in German after consultation with the lecturer.

Please register until October 5th via e-mail to the secretariat of the Institute of Applied Microeconomics : [kristin.schwier@hu-berlin.de](mailto:kristin.schwier@hu-berlin.de)

Organisatorisches:

Keine Leistungspunkte / no credit points.

**709019 Studienabschlusssseminar zu Themen der Wirtschaftsgeschichte (deutsch-englisch)**

2 SWS

SE

Mo

10-12

wöch. (1)

SPA 1, 21A

N. Wolf

1) findet ab 21.10.2024 statt

Das Studienabschlusssseminar bietet Studierenden im Bachelor- und Masterstudium die Möglichkeit, eine Abschlussarbeit zu Themen der Wirtschaftsgeschichte anzufertigen. Es wird der Aufbau wissenschaftlicher Arbeiten behandelt. Weiterhin werden Methoden vertieft, die zum Arbeiten im Bereich der Wirtschaftsgeschichte notwendig sind. Diesem Aufbau entspricht es, dass vor Anmeldung zum Seminar Vorkenntnisse in der Wirtschaftsgeschichte vorhanden sein müssen. Bachelorstudierende sollen daher mindestens ein Seminar des Instituts (das SE "Angewandte Demographie" von Herrn Dr. Michel zählt nicht dazu) und Masterstudierende mindestens eine Lehrveranstaltung des Instituts besucht und erfolgreich bestanden haben. Nach Vergabe der Themen werden die Studierenden die für Ihre Arbeit jeweils relevante Literatur den anderen Seminarteilnehmern vorstellen.

Die Seminarvorträge werden auf Englisch gehalten.

Anmeldung bitte per E-Mail (bis 30.09.2024) an Prof. Dr. Nikolaus Wolf: [nikolaus.wolf@hu-berlin.de](mailto:nikolaus.wolf@hu-berlin.de)

Literatur:

Zur Orientierung hinsichtlich des Schwierigkeitsgrads der relevanten Literatur dienen die Lehrbücher:

Broadberry, Stephen and Kevin H. O'Rourke (eds) (2010) „The Cambridge Economic History of Modern Europe – Volume 1: 1700-1870“ Cambridge University Press

Broadberry, Stephen and Kevin H. O'Rourke (eds) (2010) „The Cambridge Economic History of Modern Europe – Volume 2: 1870 to the present“ Cambridge University Press

Organisatorisches:

Keine Leistungspunkte / no credit points.

**709026 Thesis Seminar on Topics of Migration Economics (englisch)**

2 SWS

SE

Do

16-18

wöch.

SPA 1, 342

S. Sardoschau

This seminar provides both bachelor and master students with a comprehensive platform to author an empirical thesis centered on applied micro issues. Enrolled students will gain in-depth knowledge and practical experience in scientific writing, encompassing the acquisition of relevant data and the application of empirical methodologies. The course emphasizes the development of skills necessary for effectively structuring research papers and presenting findings. Participants are required to engage in empirical analysis, critically review pertinent literature and data sources, and become well-versed in scientific writing. Additionally, the program includes two opportunities for students to present and critique their work. While the seminar generally conducts presentations in English, bachelor students have the option to present in German, subject to prior approval from the lecturer.

Students should register by October 7th 2024 with Sulin Sardoschau directly: [sulin.sardoschau@hu-berlin.de](mailto:sulin.sardoschau@hu-berlin.de)

Participation in this seminar is required for those writing a thesis with Prof. Sardoschau in 2024.

Organisatorisches:

Keine Leistungspunkte / no credit points.

**Forschungsseminare VWL (nicht anrechenbar für das Studium)**

**709024 Graduate Student Seminar Econometrics and Applied Labor Markets (englisch)**

2 SWS

FS

C. Dustmann,  
A. Spitz-Oener

Graduate students in the field of econometrics and applied labor markets present and discuss their ongoing research projects. Time and location: to be announced.

Organisatorisches:

Audience: master students, doctoral students

No obtainment of credit points.

**709044 Doktorand(inn)en- und Forschungsseminar Mikroökonomie (englisch)**  
2 SWS  
FS Mi 16-18 wöch. SPA 1, 23 N.N.,  
R. Strausz

Discussion of specific aspects of the respective papers.

Organisatorisches:  
No obtainment of credit points.

**709045 Schumpeter-BSE-Seminar (englisch)**  
2 SWS  
FS Di 16-18 wöch. M. Burda,  
N. Wolf

**Location:** DIW Berlin, 10117 Berlin, Mohrenstr. 58, Ostrom-Hall  
Audience: master students, doctoral students

Organisatorisches:  
No obtainment of credit points.

**709046 Brown Bag Seminar Macroeconomics (englisch)**  
2 SWS  
FS Mi 12:30-14:00 wöch. SPA 1, 23 M. Burda,  
L. Weinke

Ongoing research of graduate students in the field of labor market and macro economy will be presented and discussed.  
<https://www.wiwi.hu-berlin.de/de/professuren/vwl/wtm2/brownbag>  
Audience: master students, doctoral students

Organisatorisches:  
No obtainment of credit points.

**709052 Behavioral/Experimental Economics Reading Group (englisch)**  
2 SWS  
FS Mi 10-12 wöch. SPA 1, 23 N.N.,  
J. Radbruch,  
G. von Weizsäcker

Advanced students present research designs and preliminary results.

Organisatorisches:  
Keine Leistungspunkte / no credit points.

**709057 Economic History Reading Group (englisch)**  
2 SWS  
FS Mo 12-14 wöch. SPA 1, 342 J. Mössler,  
M. Reiske

This reading group is for PhD candidates and advanced master students with an interest in economic history. We will discuss working papers concerning relevant topics in economic history, political economy, and advances in methodology. A major goal of the seminar is to find new open questions for future research. Participants are expected to attend all sessions, read all discussed papers beforehand, and lead at least one discussion session.  
For registration, please send an email to [monique.reiske@hu-berlin.de](mailto:monique.reiske@hu-berlin.de) until September 30, including your field and program of study and a paper you would be interested in discussing.

Organisatorisches:  
Keine Leistungspunkte / no credit points.

**709055 Microeconomic Theory Literature Study Group (PhD level) (englisch)**  
2 SWS  
FS Fr 10-12 Einzel (1) SPA 1, 112 W. Lefez,  
R. Strausz  
Fr 10-12 wöch. SPA 1, 21A W. Lefez,  
R. Strausz

1) findet am 07.02.2025 statt

Focusing on a specific topic within microeconomic theory, the seminar studies recent developments in the literature of mechanism design, contract theory, industrial organization, and organization theory. Students discuss and present related research papers, pointing out their interrelations and discussing their main contributions. The seminar puts a particular emphasis on understanding

the theoretical underpinning behind the papers' results and the economic mechanisms they capture. A major goal of the seminar is to find new open questions for future research. Participants are expected to attend all the sessions, read all the discussed papers beforehand, and participate actively in discussions.

Organisatorisches:

Audience: PhD students BDPEMS + Master students, who passed Advanced Microeconomic Analysis I and II (no obtainment of credit points)

### 709043 Wirtschaftstheoretisches Seminar (englisch)

2 SWS

CO

Mo

10-12

wöch. (1)

SPA 1, 23

V. Meisner,  
R. Strausz

1) findet ab 21.10.2024 statt

Research seminar <https://www.wiwi.hu-berlin.de/en/Professorships/vwl/microeconomics/research/MicroTheory>

Audience: master students, doctoral students

Organisatorisches:

No obtainment of credit points.

### 709049 Berlin Colloquium Research in Economic History (englisch)

2 SWS

CO

Mi

17-19

wöch.

N. Wolf

Presentation and discussion of current research of PhD students in the economic history department.

Audience: master students, PhD students

You can find further information on the following web page: <http://lehre.wiwi.hu-berlin.de/Professuren/vwl/wg/economic-history-research/research-seminars/research-seminars-Standardseite/>

Organisatorisches:

No obtainment of credit points.

### 709053 Berlin Behavioral Economics Colloquium and Seminar (englisch)

3 SWS

CO

Do

14-17

wöch.

BU26, 008

J. Radbruch,  
G. von Weizsäcker

The Berlin Behavioral Economics Colloquium and Seminar are a joint effort between DIW, WZB, HU Berlin and TU Berlin (in cooperation with [CRC TRR 190](#)) with the aim of fostering the exchange between active researchers in the areas of behavioral and experimental economics.

Organisatorisches:

Keine Leistungspunkte / no credit points.

### 709023 RFBerlin Applied Micro Seminar (englisch)

2 SWS

FS

Di

14-16

wöch.

SPA 1, 23

C. Dustmann,  
A. Spitz-Oener

Organisatorisches:

Audience: students, doctoral candidates, post-docs.

No obtainment of credit points.

### 709056 BAMS - Berlin Applied Micro Seminar (englisch)

2 SWS

CO

Mo

14:00-15:15

wöch.

A. Spitz-Oener

The Berlin Applied Micro Seminar (BAMS) is a weekly seminar, jointly organized by DIW Berlin, Hertie School of Governance, HU Berlin, FU Berlin, TU Berlin, WZB, the [Berlin Centre for Consumer Policies \(BCCP\)](#), and the CRC TRR 190. In this seminar researchers present their current work in the field of applied microeconomic theory.

See the following web page for topics, locations and further information: <https://sites.google.com/site/berlinappliedmicroseminar/>

Organisatorisches:

Audience: master students, doctoral students

No obtainment of credit points.

## Ökonometrie

### 701034 Time Series Analysis (englisch)

4 SWS

VL/UE

Mo

Fr

12-14

10-12

wöch.

wöch.

SPA 1, 21A

SPA 1, 342

G. Uhrin

G. Uhrin

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=129433>

The course aims at providing the basic concepts and methods for analysing time series data. The focus is on univariate modelling tools. The lecture begins with classical components models. Then we cover different types of stochastic processes like ARIMA and GARCH models, deal with the unit root methodology and procedures for forecasting as well as for the specification, estimation and validation of models. Multivariate extensions are demonstrated, with emphasis on vector autoregressive (VAR) processes and its application in causality and impulse response analyses. Nonstationary systems with integrated and cointegrated variables will also be treated. In the last session, a brief introduction to count time series, with particular emphasis in INAR(1) models and their applications, will be introduced.

In the tutorials the time series methods are applied to empirical data. We will intensively make use of econometric software packages.

Classical components models; stochastic processes; stationarity; ARIMA processes, GARCH models; specification, estimation and validation of models; forecasting; unit root tests; multivariate extensions: VAR processes, causality and impulse response analysis, cointegrated processes. In the tutorials the time series methods are applied to empirical data.

Literatur:

Hamilton, D.J. (1994). Time Series Analysis, Princeton University Press.

Lütkepohl, H. (2005). New Introduction to Multiple Time Series Analysis, Springer Verlag, Heidelberg

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Time Series Analysis"

StO/PO MEMS 2016: 6 LP, Modul: "Time Series Analysis", Major: Quantitative Methods

Prüfung:

Written exam (90 min)

## **709030 Studienabschlusssseminar Ökonometrie (englisch)**

2 SWS

CO

Mi

12-14

wöch.

SPA 1, 140

G. Ahlfeldt

Discussion of Master and Bachelor theses.

Organisatorisches:

Keine Leistungspunkte / no credit points.

## **709031 Doktorand:innenseminar Econometrics (englisch)**

2 SWS

CO

Mi

10-12

wöch.

SPA 1, 140

G. Ahlfeldt

Organisatorisches:

Keine Leistungspunkte / no credit points.

## **7010413 Applied Econometrics in Stata (englisch)**

2 SWS

SE

Di

08-10

wöch.

SPA 1, 026

S. Waights

In this course you will develop a practical understanding of the key methods of causal inference used in modern applied microeconomics such as difference-in-difference, instrumental variables, and regression discontinuity designs, and how to apply these methods in Stata. The course will also show you how to assess the validity of each method, e.g. how to show parallel trends for a DD, or how to provide the first stage F-stat for an IV. The course will be assessed by a short term paper where you will put what you have learned into practice by carrying out a small applied research project. The course will have a workshop element for some of the last sessions, where you can work on the term paper, and/or other projects such as a dissertation, and I will come round and provide help with specific problems. There are no pre-requirements for the course, and there will be an introduction to using Stata. However, an interest in applied microeconomics as well as a little experience using statistical packages or basic programming may be helpful. *What won't be covered:* we will not cover time series econometrics or any theoretical econometrics. We won't look at any other statistical packages e.g. R.

To register, students should send an email to Dr. Sevrin Waights ( [sevrin.waights@hu-berlin.de](mailto:sevrin.waights@hu-berlin.de) ) by October 7, 2024.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Selected Topics in Econometrics"

StO/PO MEMS 2016: 6 LP, Modul: "Selected Topics in Econometrics", Major: Quantitative Methods

Prüfung:

Term paper

## **Statistik**

### **701015 Datenanalyse II**

4 SWS

VL/UE

Do

Do

08:30-10:00

14-16

wöch.

wöch.

SPA 1, 22

SPA 1, 22

S. Klinke

S. Klinke

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

Die Veranstaltung beschäftigt sich mit der Zusammenhangs- und Regressionsanalyse sowie der Multivariate Statistik. Themen: Bivariate Statistik, Grafik multivariater Daten, Hauptkomponentenanalyse, Faktoranalyse, Clusteranalyse, Multiple lineare Regression, Residualanalyse, Nicht- und semiparametrische Regression, Klassifikations- und Regressionsbäume und Neuronale Netze.

Organisatorisches:

StO/PO BA BWL und VWL 2016: 6 LP, Modul: Datenanalyse II"

StO/PO MA 2016: 6 LP, Modul: "Datenanalyse II"

StO/PO MEMS 2016: 6 LP, Modul: "Datenanalyse II", Major: Quantitative Methods

Prüfung:

Hausarbeit

## 7010321 Statistical Inference (englisch)

4 SWS

VL/UE

Do

10-12

wöch. (1)

SPA 1, 22

J. Feeser,

G. Keilbar

Do

16-18

wöch. (2)

SPA 1, 22

J. Feeser,

G. Keilbar

1) Vorlesung

2) Übung

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

The students learn to understand the foundations and general properties of likelihood-based statistical inference and the Bayesian approach to statistical learning including the implementation of these approaches in statistical software using appropriate numerical procedures. Topics: likelihood function and likelihood principles, maximum likelihood estimators and their properties, numerical procedures for maximum likelihood estimation, likelihood-based tests and confidence intervals (derived from Wald, score, and likelihood ratio statistics), Bootstrap, Bayes theorem, Bayes estimators and their properties, Bayesian credible intervals, prior choices, computational approaches for Bayesian inference, model choice.

Organisatorisches:

StO/PO BA BWL und VWL 2016: 6 LP, Modul "Statistical Inference I"

StO/PO MA 2016: 6 LP, Modul: "Statistical Inference I"

StO/PO MEMS 2016: 6 LP, Modul: "Statistical Inference I", Major: Quantitative Methods

Prüfung:

Written exam (90 min)

## 7010320 Statistical and Machine Learning (englisch)

4 SWS

VL/UE

Fr

14-18

wöch.

SPA 1, 22

X. Xu

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

The students learn to understand foundations and applications that underpin supervised and unsupervised learning models, as well as the related computation and inference approaches. Topics: regularization, tree-based methods, kernel methods, model-based clustering, dimension reduction, sampling methods, variational inference, and an introduction to neural networks.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Statistical and Machine Learning"

StO/PO MEMS 2016: 6 LP, Modul: "Statistical and Machine Learning", Major: Quantitative Methods

Prüfung:

Written exam (90 min)

## 7010315 Mathematical Statistics/Statistics and Econometrics (englisch)

4 SWS

SE

Di

12-14

wöch. (1)

SPA 1, 342

S. Greven,

N.N.

Mi

10-12

wöch. (2)

S. Greven,

W. Härdle,

V. Spokoinyi

1) Statistics and Econometrics

2) Mathematical Statistics, Location: WIAS, Mohrenstr. 39

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

There is no max. number of participants.

The registration takes places in agreement with the responsible lecturer.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Statistical Seminars"

StO/PO MEMS 2016: 6 LP, Modul: "Statistical Seminars", Major: Quantitative Methods

Prüfung:

Oral exam (30 min)

## 701016 Statistical Programming Languages (englisch)

2 SWS

SE

16-19

Block (1)

SPA 1, 025

J. Feeser

1) findet vom 07.10.2024 bis 11.10.2024 statt

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

Students are introduced to the basic concepts of statistical programming languages such as R or Matlab and their application. They have in-depth knowledge of the mathematical and algorithmic foundations of statistical software.

Reason for the block course: For pedagogical reasons, it makes more sense to teach the knowledge of a programming language in a block course.

The maximum number of participants is 30 students.

The application for a place in the course is made in the Moodle course until October 3, 2024. Please note that enrollment in the Moodle course is not sufficient and the registration deadline October 3, 2024 are binding! Participants will be selected according to the rules of the HU ZSP (lottery).

Please note that the course takes place within the 2nd examination period.

Organisatorisches:

StO/PO BA BWL und VWL 2016: 6 LP, Modul: "Statistical Programming Languages"

StO/PO MA 2016: 6 LP, Modul: "Statistical Programming Languages"

StO/PO MEMS 2016: 6 LP, Modul: "Statistical Programming Languages", Major: Quantitative Methods

Prüfung:

Term paper

## 701020 Privatissimum Statistik (deutsch-englisch)

4 SWS

SE

Di

14-18

wöch.

S. Greven,  
M. Eckardt

Moodle-Link:

<https://moodle.hu-berlin.de/course/view.php?id=90845#section-3>

The students learn about advanced topics in statistics. Topics are the review and discussion of statistical research results as well as current bachelor and master theses at the Chair of Statistics.

**Location:** Institute for Statistics, Library

A component of the seminar is an ungraded presentation.

Registration in the first meeting. No participation limit.

Organisatorisches:

StO/PO MA 2016: 6 LP, Modul: "Privatissimum"

StO/PO MEMS 2016: 6 LP, Modul: "Privatissimum", Major: Quantitative Methods

Prüfung:

Oral exam (45 min)

## Überfachlicher Wahlpflichtbereich

Siehe Vorlesungsverzeichnis/Überfachlicher Wahlpflichtbereich sowie Homepage des Career-Centers <https://www.hu-berlin.de/de/hu/verwaltung/ccww/> und des Sprachenzentrums <https://www.sprachenzentrum.hu-berlin.de/de>. Das Sprachenzentrum der HU hat spezielle Sprachkurse für Wirtschaftswissenschaftler\*innen im Angebot (Englisch + Spanisch).



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Brüggemann, Ulf, u.bruggemann@wiwi.hu-berlin.de ( Financial Accounting and Analysis )	4
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Klinke, Sigbert, Tel. +49 30 2093 99595, sigbert@wiwi.hu-berlin.de ( Datenanalyse II )	22
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Velev, Georg, georg.velev.1@hu-berlin.de ( Business Analytics and Data Science )	6
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<b>von Weizsäcker, Georg</b> , weizsaecker@hu-berlin.de ( Behavioral/Experimental Economics Reading Group )	20
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<b>Vyturys, Jaunius</b> ( Multivariate Statistical Analysis I (optional tutorial) )	7
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## Gebäudeverzeichnis

Kürzel	Zugang	Straße / Ort	Objektbezeichnung
BU26		Burgstraße 26	Burg26 Institutsgebäude
DOR 1		Dorotheenstraße 1	Doro1 Institutsgebäude
SPA 1		Spandauer Straße 1	Spand1 Institutsgebäude

## Veranstaltungsartenverzeichnis

CO	Colloquium
FS	Forschungsseminar
SE	Seminar
TU	Tutorium
UE	Übung
VL	Vorlesung
VL/SE	Vorlesung/Seminar
VL/UE	Vorlesung/Übung