Die Vorlesungen, die mit **/**** gekennzeichnet sind, sind für Studierende des zweiten/vierten Fachsemesters geeignet.

22.01.2018

Zusätzliche Veranstaltung

<table>
<thead>
<tr>
<th>Experimental Economics</th>
<th>Dürsch, P.</th>
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</thead>
<tbody>
<tr>
<td>Freitag 15:30 Uhr bis 17:00 Uhr</td>
<td>wöchentlich</td>
</tr>
<tr>
<td>Raum EW 169 Schloss Ehrenhof West</td>
<td>16.02.2018 - 01.06.2018</td>
</tr>
</tbody>
</table>

Kommentar:

Please note that you have to register via e-Mail to: duersch@uni-mannheim.de (sign up until first meeting)

Selection process of seminar participants: first come first serve
Maximum number of participants: 20

Course title: Experimental Economics
Instructor: Dr. Peter Dürsch
Offered: FSS 18
Method (hours per week): Seminar (2)
Course level: Bachelor
Course language: English (final thesis can also be in German)
Prerequisites: none (but having taken part in a course on Experimental Economics or Behavioral Economics will be helpful)
Examination: seminar paper
ETCS-Credits: 6

Course description:
Students will design and implement their own experiment during the seminar. In the meetings, we will discuss design ideas, writing of instructions and how to implement the experiment. During the later part of the semester, we will discuss the evaluation of the experimental data. The final paper on students own experiment will be graded.

Contact person: Dr. Peter Dürsch, E-Mail: duersch@uni-mannheim.de
Statistical Learning and Big Data in R

Pytka, K.

Freitag 10:15 Uhr bis 11:45 Uhr Einzeltermin 16.02.2018
Raum L7, 3-5, S031

Freitag 10:15 Uhr bis 14:45 Uhr Einzeltermin 20.04.2018
Raum L7, 3-5, 158

Samstag 09:00 Uhr bis 14:00 Uhr Einzeltermin 21.04.2018
Raum L7, 3-5, 158

Freitag 10:15 Uhr bis 15:15 Uhr Einzeltermin 27.04.2018
Raum L7, 3-5, 158

Samstag 09:00 Uhr bis 14:00 Uhr Einzeltermin 28.04.2018
Raum L7, 3-5, 158

Kommentar:

Course title: Statistical Learning and Big Data in R
Instructor: Krzysztof Pytka, Ph.D.
Offered: spring term 2018
Method (hours per week): Lecture (2), blocked in mid/late April, initial meeting at the beginning of the semester
Course level: Bachelor
Course language: English
Prerequisites: Grundlagen der Ökonometrie
Examination: paper
ECTS-Credits: 5
Maximum number of participants: 41

Course description: Statistical learning is a set of methods that allow to study processes that cannot be satisfactorily explained by the existing theories. Those procedures are particularly useful for analyzing complex datasets with many observations and many variables. This course will introduce to the basics of statistical learning with emphasis put on building models that provide the most accurate predictions. First we will review supervised problems, in which the value of an outcome measure is predicted on the base of a number of input measures. Then we will focus on unsupervised problems, in which the goal is to find common patterns among input measures. All examples will be implemented in R, an open-source statistical computing language. One of the purposes of the course is to familiarize students with this language, which nowadays is extensively used both in academia and in industry. No programming skills are assumed and I will start teaching it from scratch. Students have to write a paper after the course.

Please register for this course via E-Mail to pytka@uni-mannheim.de. Selection process of participants: first come, first serve.

Contact person: Krzysztof Pytka, Ph.D., E-mail: pytka@uni-mannheim.de
Zusätzliche Veranstaltung

**Educational Economics**

Farbmacher, H.

Freitag 8:30 Uhr bis 10:00 Uhr wöchentlich 16.02.2018 - 01.06.2018

Raum L7, 3-5, P043

Kommentar:

Please note that you have to register via e-Mail to: farbmacher@uni-mannheim.de

Selection process of seminar participants: First come first serve

Maximum number of participants: 15

Course title: Educational Economics
Instructor: Dr. Helmut Farbmacher
Offered: FSS 18
Method (hours per week): Seminar (2)
Course level: Bachelor
Course language: English
Prerequisites: Mikroökonomik A, Grundlagen der Ökonometrie
Examination: Seminar paper (approx. 10 pages without figures and tables), presentation (approx. 20 minutes) and active participation in the discussions during the seminar. Grading: seminar paper (50%), presentation (50%)

ETCS-Credits: 6

Course description:
The goal of this seminar is to give an overview of interesting research questions in educational economics. The students should be enabled to understand basic concepts in educational economics and microeconometric methods, and to utilize recent results for their own applied work. Course website (available soon): http://www.farbmacher.de/mannheim/ee/lecture.html

Details of the course will be discussed during the introductory meeting on Friday, 16 February 2018.

Contact person: Dr. Helmut Farbmacher, E-Mail: farbmacher@uni-mannheim.de
Zusätzliche Veranstaltung

**Financial Econometrics**

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<th>Zeit</th>
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<td>13:45 Uhr bis 15:15 Uhr</td>
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<td>12.02.2018 - 28.05.2018</td>
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Kommentar:

Course title: Financial Econometrics
Instructor: Prof. Dr. Nestor Parolya
Offered: FSS 18
Method (hours per week): lecture (2) + practical exercises (2)
Course level: Bachelor
Course language: English
Prerequisites: Statistik I,II und Grundlagen der Ökonometrie
Examination: written, 90 minutes
ECTS-Credits: 7

Course description:
The lecture deals with the statistical properties of financial market data and econometric methods which can be used to analyse these data. We will study procedures to test for the efficient market hypothesis and become familiar with methods to model the mean and the volatility of financial time series. Besides the application of nonparametric and classical test procedures, the focus will be on time series methods and models. In particular, ARMA and GARCH models will be covered. Empirical illustrations and exercises are incorporated into the lecture.

Contact person: Prof. Dr. Nestor Parolya, E-mail: parolya@statistik.uni-hannover.de

**Aktualisierung**

**Time Series Analysis**

<table>
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<th>Tag</th>
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<td>Freitag</td>
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<td>wöchentlich</td>
<td>16.02.2018 - 01.06.2018</td>
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<td>Raum</td>
<td>L7, 3-5, 001</td>
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**Übungen:**

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<td>17:15 Uhr bis 18:45 Uhr</td>
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<tr>
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<td>10:15 Uhr bis 11:45 Uhr</td>
<td>wöchentlich</td>
<td>16.02.2018 - 01.06.2018</td>
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<td>Raum</td>
<td>L9, 1-2, 003</td>
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<td>23.02.2018</td>
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</table>
Course title: Time Series Analysis  
Instructor: Dr. Toni Stocker  
Method (hours per week): lecture (4) lecture (2) + practical exercises (2)  
Course level: Bachelor  
Course language: English  
Prerequisites: Basic Statistics, Basic Econometrics. Laptop needed  
Examination: written (120 min) 80%, practical exercises 20%  
ECTS-Credits: 11  
ECTS-Credits: 7

Course description:
The lecture gives an introduction to applied univariate and multivariate time series techniques and will cover AR(l)MA, ADL, VAR and GARCH processes. We will discuss model specification and diagnosis, forecasting and unit root testing. Depending on time, we will also cover estimation of dynamic causal effects and the cointegration concept. The lecture will be accompanied by computer tutorials and exercises. The statistical software package R will intensively be used throughout this course.

Please have a look on our website statistik.vwl.uni-mannheim.de at the beginning of the semester for more course information.

Contact person: Dr. Toni Stocker, E-Mail: stocker@rumms.uni-mannheim.de, L7, 3-5, room 143, Tel. 181-3963

Terminänderung

Labor Markets  
Habermalz, S.

Dienstag 15:30 Uhr bis 17:00 Uhr  
12:00 Uhr bis 13:30 Uhr  
wochentlich 13.02.2018 - 29.05.2018  
Raum L7, 3-5, S031

Donnerstag 10:15 Uhr bis 11:45 Uhr  
wochentlich 15.02.2018 - 31.05.2018  
Raum L7, 3-5, S031

Comment:

Course title: Labor Markets  
Instructor: Steffen Habermalz, Ph.D.  
Offered: spring semester 2018  
Method (hours per week): lecture (3) + practical exercises (1)  
Course level: Bachelor  
Course language: English  
Prerequisites: Grundlagenbereich  
Examination: written, 90 minutes  
ECTS-Credits: 8

Course description:
This course introduces the student to the economic analysis of the market for human resources: The Labor Market. After a brief introduction we will analyze the determinants of Labor Supply and Labor Demand followed by discussion of Labor Market Equilibrium including the debate over the minimum
wage. The acquisition of Human Capital (overall skill level of a person incl. education/degrees) plays a major role in modern societies.

We will outline the basic theory of Human Capital formation with an application to education. After reviewing Signaling as an alternative reason for the acquisition of educational degrees the course introduces Compensating Differentials as the basis for occupational choice. We then examine worker mobility with an emphasis on geographic mobility followed by a discussion of the wage effects of (legal) immigration. Finally, we will outline different theories of labor market discrimination and also describe the empirical evolution of gender and racial differences in wages.

Contact person: Steffen Habermalz, Ph.D., Tel. +49-621-181-1785, E-Mail: habermalz@uni-mannheim.de, Office: L7, 3-5, room 1.44, office hours: upon appointment

22.11.2017

Zusätzliche Veranstaltung

<table>
<thead>
<tr>
<th>Fiscal Federalism</th>
<th>Asatryan, Z.</th>
</tr>
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<tbody>
<tr>
<td>Donnerstag</td>
<td>12:00 Uhr bis 13:30 Uhr</td>
</tr>
<tr>
<td>Raum tba</td>
<td>15.02.2018 - 31.05.2018</td>
</tr>
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</table>

Kommentar:

Course title: Fiscal Federalism
Instructor: Dr. Zareh Asatryan
Offered: Spring 2018
Method (hours per week): lecture (2)
Course level: Bachelor
Language: English
Prerequisites: Basic Econometrics, Micro I and Macro I
Examination: tba
ECTS-Credits: 5

Course description:
This lecture deals with the public finances of multi-tiered governments. It starts with a historical and comparative review of fiscal federalism, particularly focusing on US, Swiss and German federations as well as on the emerging model of fiscal governance in the European Union. The lecture introduces the basic tradeoffs on central versus local provision of public goods, and on tax competition including the interdependence of fiscal decisions of multi-tiered governments through the mobility and overlap of tax bases. It then uses the tools of applied micro-econometrics to analyze the spending and revenue-raising choices of state and local governments, and the political economy of intergovernmental transfers.

Contact person: Dr. Zareh Asatryan; e-mail: zareh.asatryan@zew.de; office: ZEW (L7, 1) #286, office hours: Wed 13-14:00.
## Aktualisierung

**Makroökonomik A (deutsch)**

<table>
<thead>
<tr>
<th>Wochentag</th>
<th>Beginn</th>
<th>Ende</th>
<th>Ort/Adresse</th>
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</thead>
<tbody>
<tr>
<td>Freitag</td>
<td>10:15 Uhr</td>
<td>11:45 Uhr</td>
<td>B6, 23-25 Bauteil A - A 001</td>
</tr>
<tr>
<td>Freitag</td>
<td>13:45 Uhr</td>
<td>15:15 Uhr</td>
<td>Schloss Schneckenhof Ost - SO 108</td>
</tr>
</tbody>
</table>

**Kommentar:**

*Please notice that you have to register for the lecture at Portal2.*

Die Vorlesung wird parallel in deutscher und in englischer Sprache gehalten!

**Course title:** Makroökonomik A  
**Instructors:** Prof. Tom Krebs, Ph.D.  
Prof. Dr. Martin Scheffel  
**Method:** lecture (4) + practical exercises (2)  
**Course level:** Bachelor  
**Course language:** German (Prof. Krebs, Ph.D.) or English (Prof. Yum, Ph.D.)  
**Prerequisites:** none  
**Examination:** written, 120 minutes  
**ECTS-Credits:** 8

**Course description:**

I. Saving and Investment (Mankiw, Chapter 3)  
- aggregate saving and investment in a closed economy  
- applications: debt-financed increase in government spending, tax-financed increase in government spending, investment boom, retirement of the baby-boom generation, etc.

II. Micro-Foundations (Mankiw, Chapter 16)  
- determinants of the consumption and saving decisions: Fisher-model of intertemporal consumption  
- decisions under complete and incomplete markets; income and substitution effect and the saving decision  
- Euler equation: derivation and interpretation  
- life-cycle hypothesis (Modigliani)  
- permanent-income hypothesis (Friedman)  
- Ricardian equivalence

III. Macroeconomic Data (Mankiw, Chapter 2)  
- national accounts  
- inflation: BIP-deflator and the CPI

IV. Open Economy (Mankiw, Chapter 5)  
- saving and investment in a small open economy  
- covered and uncovered interest parity in real and nominal terms  
- nominal and real exchange rates  
- equilibrium on goods and capital markets and the real exchange rate  
- twin deficit

V. Money (Chapter 4 and 18)  
- quantity equation and quantity theory of money
- classical dichotomy vs. Neutrality of money
- monetary policy in the US and in Europe: targets and instruments of the respective central banks

VI. Aggregate demand and aggregate supply (Chapters 9 & 13)
- Short-run vs. long-run observations and questions
- Distinction between Keynesian and (Neo-) Classical Theory
- The AD-AS (aggregate demand – aggregate supply) Model
- Analysis of the short-run effects of monetary and fiscal policy

VII. Economic growth (Chapters 7 & 8, two sessions)
- Growth, prosperity, poverty
- Empirical observations: international panel data, time series
- The Solow Growth Model, steady state analysis
- Convergence in the model and in the data, convergence process
- The Golden Rule of capital
- Technological progress in the model and in the data

VIII. Unemployment (Chapter 6, two sessions)
- International empirical observations, current situation
- The classical model of the labor market
- Labor supply, labor demand, equilibrium on the labor market
- Technological progress, minimum wages, unions
- Search unemployment, matching
- Determination of the steady state unemployment rate
- Public policy

Literature:
or die englischsprachige Ausgabe

Contact person: Prof. Tom Krebs, Ph.D., E-Mail: tkrebs@econ.uni-mannheim.de, Tel.: (0621) 181 1762, Office: L7, 3-5, room P05/06, Office hour: upon appointment.
Contact person: Prof. Dr. Martin Scheffel, E-mail: scheffel@wiso.uni-koeln.de

Veranstaltung findet nicht statt

Macroeconomic Analysis of Labor Markets****

Scheffel, M.

Dienstag 12:00 Uhr bis 13:30 Uhr wöchentlich 13.02.2018 - 29.05.2018
Raum Iba

Donnerstag 17:15 Uhr bis 18:45 Uhr täglich 15.02.2018 - 24.05.2018
Raum Iba

Kommentar:

Course title: Macroeconomic Analysis of Labor Markets
Instructor: Prof. Dr. Martin Scheffel
Offered: FSS 2018
Method (hours per week): lecture (2) + practical exercises (1)
Course level: Bachelor
Course language: English
Prerequisites: Introduction to Economics, Macroeconomics A, Microeconomics A
Course description:
Labor markets take center stage in the discussion of public policy as labor market outcomes have a direct impact on the welfare of individual agents. The course provides an in-depth discussion of labor market institutions and their impact on objective policy measures (output and unemployment) and subjective measures (individual welfare).

The course is divided into three parts. The first part provides an overview of labor market institutions and policies across OECD countries and discusses, in particular, the policy responses during the Great Recession. The second part introduces the main economic concepts necessary to discuss labor markets in a macroeconomic context. In particular, we introduce the two workhorse models of labor market from a macroeconomic perspective: the search model and the search and matching model. In the third part, we investigate the role of specific labor market institutions on macroeconomic performance. Our discussion includes unemployment benefit systems, employment protection legislation, wage setting (bargaining) institution including minimum wages. The theoretical analysis of the different institutions is complemented by a cross-country comparison of labor market policies.

Contact person: Prof. Dr. Martin Scheffel, E-mail: scheffel@wiso.uni-koeln.de