# Orientation Program

For students of Master programs  
School of Business and Economics

**Thursday, 12th October 2017**  
Spandauer Straße 1, Room 220

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Contact</th>
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| 9.00 – 10.00  | Welcome from the Dean of the School of Business and Economics, Academic Advisors, and Student's Council of the School of Business and Economics. | Prof. Dr. Schade  
Prof. Dr. Gassen  
Prof. Weinke, PhD  
Ms Hahn  
Student Council |
| 10.00 – 11.00 | General and study-specific information about examination procedures and regulations by the Chairman of the Examinations Commission and the Director of the Examination Office (in German!) | Prof. Weinke, PhD  
Ms Kath |
| 11.00 – 12.00 | Information regarding study abroad                                  | Ms Riesch                        |
|               | **Break**                                                           |                                  |
|               | **Presentation of course descriptions by department chairs (Business Administration):** |                                  |
| 12.50 – 13.10 | Management                                                          | Prof. Dr. Schöttner              |
| 13.10 – 13.30 | Business Taxation                                                   | Prof. Dr. Maiterth               |
| 13.30 – 13.50 | Accounting                                                          | Prof. Dr. Gassen                 |
| 13.50 – 14.10 | Entrepreneurial and Behavioral Decision Making                      | Ms Lauritzen                     |
| 14.10 – 14.30 | Marketing                                                           | Prof. Dr. Klapper                |
| 14.30 – 14.50 | Business Information Systems                                        | Prof. Dr. Lessmann               |
| 14.50 – 15.10 | Financial Economics                                                 | N.N.                             |
|               | **Break**                                                           |                                  |
| 16.00 – 17.00 | Information on study organisation → Faculty of Theology, Burgstraße 26, room 008! | Compass-Tutor, Ms Dobler         |
### Friday, 13th October 2017
Spandauer Straße 1, Room 220

<table>
<thead>
<tr>
<th>Time</th>
<th>Course Description</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>10.00 – 10.20</td>
<td>Economic Theory II (Macroeconomics)</td>
<td>G. Dlugoszek</td>
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<tr>
<td>10.20 – 10.40</td>
<td>Economic Policy</td>
<td>Prof. Weinke, PhD</td>
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<tr>
<td>10.40 – 11.00</td>
<td>Economic History</td>
<td>Prof. Dr. Wolf</td>
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<tr>
<td>11.00 – 11.50</td>
<td>Microeconomics</td>
<td>Prof. Weizsäcker, PhD</td>
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<td>Break</td>
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### Presentation of course descriptions by department chairs (Economics): 

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<tbody>
<tr>
<td>13.10 – 13.30</td>
<td>Statistics</td>
<td>Prof. Dr. Härdle</td>
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<tr>
<td>13.30 – 13.50</td>
<td>Econometrics</td>
<td>Prof. Dr. Droge</td>
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<tr>
<td>13.50 – 14.10</td>
<td>Operations Research</td>
<td>Prof. Dr. Klimm</td>
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<tr>
<td>14.10 – 14.30</td>
<td>Information session for students interested in pursuing a doctoral degree</td>
<td>Prof. Dr. Spitz-Oener</td>
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### Monday, 16th October 2017

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<tr>
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<tbody>
<tr>
<td>14.00 – 16.00</td>
<td>Information for international students “Studying in Germany”, Spandauer Straße 1, Room 220</td>
<td>Ms Noureddine (International Office)</td>
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<td>16.00</td>
<td>2016 Academic Year Opening Ceremony conducted by the Presidium of Humboldt University of Berlin, Unter den Linden 6, in the main auditorium (2116)</td>
<td>Prof. Dr.-Ing. habil. Dr. Sabine Kunst</td>
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<tr>
<td>18.00</td>
<td>A welcome for all newly enrolled students of the School of Business and Economics, Spandauer Straße 1, in the foyer of the Faculty (with support from WIWEX GmbH)</td>
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Other Social Events see [https://www.wiwi.hu-berlin.de/de/international/incomings/admission/welcome-weeks](https://www.wiwi.hu-berlin.de/de/international/incomings/admission/welcome-weeks)

**Start of winter term 2017/18: Tuesday, 17th October 2017**
Preparatory Courses

Econometrics Preparatory Course, Location: Spandauer Str. 1, Room 220

Daily 9.30 – 14.30 (incl. breaks):
6th October 2017
9th October 2017
10th October 2017
11th October 2017

Lecturer: Fabrice Wunderlich

Content:
1. Motivation
2. The Simple Regression Model (OLS: assumptions, model and estimator, Goodness-of-Fit, Statistical properties of the OLS estimator)
3. The Multiple Regression Model (Model, Interpretation of coefficients, Gauss-Markov-Theorem)
4. Inference & Hypothesis Testing (Testing a single parameter: the t-Test, Testing a linear combination of parameters, Testing multiple linear restrictions: the F-Test, Confidence intervals, OLS asymptotics)
5. Heteroscedasticity and Autocorrelation

Mathematics Preparatory Course, Location: Spandauer Str. 1, 220

Daily 10.00 – 17.00 (incl. breaks):
02nd October 2017
04th October 2017
05th October 2017

Lecturer: Philipp Warode

Content:
The purpose of this course is to review basic mathematical concepts that will be useful throughout your master studies at our faculty. Topics will include:

Basic Matrix Algebra
Multivariate Functions (Taylor polynomials, Optimization)
Basic Integral Calculus (if time allows)

The course is open to all Master students and will be taught in English.

Advanced Mathematics Preparatory Course, Location: Spandauer Str. 1, 203

Daily 09.00 – 16.00 (incl. breaks):
02nd October 2017
04th October 2017
05th October 2017

Lecturer: Prof. Dr. W. Wang

Content: This background course on mathematics aims to provide fundamental mathematical knowledge essential for advanced economic analysis. Although open to all master students, it is specifically tailored to those wishing to directly pursue the advanced Y-track of courses. Therefore in
content and form, this intensive course is intended to deliver methods beyond refreshing advanced
calculus and linear algebra.
The course solely deals with deterministic mathematics. For some theorems formally rigorous proofs
are presented in order to make participants more comfortable with – and ideally to provide some
intuition for – constructing and understanding of mathematical proofs. Throughout the course proper
use of notation will be stressed. Topics presented in class constitute the minimal required program
given the above aim, and the maximal feasible program given time. Self-study should cover topics
skipped in class, as well as the areas of personal weakness.

The lecture takes place as an intensive crash course in the week before the semester.

1. Sets, Relations, Preferences
   characterization of and operations on sets
   truth function
   mappings, functions and relations
   preference relations

2. Vector Spaces and Linear Algebra
   general vector spaces, linear independence, basis of a vector
   linear mappings between vector spaces, matrix algebra
   basis transformations, eigenvalue - eigenvector decomposition

3. Topology and Convex Optimization
   general definition topology, open and closed sets, topological space
   metric, metric space, sequences and convergence in general metric spaces
   norm, normed space and completeness of spaces: Banach and Hilbert spaces
   continuity in general spaces
   compactness and convexity, concavity of sets and functions and relations
   separating hyperplane theorem
   correspondences and fixed point theorems
   existence result of convex optimization problem: Kuhn-Tucker Theorem

4. Differential calculus
   differentiability in one and higher dimensions
   Taylor approximation
   optimization problems