

Syllabus

| | | | |
|---|---------------------------------|---------------|--------------|
| Name: | | | |
| Topics in Applied Data Science in Business & Economics | | | |
| Responsible: | | | |
| Professor Fabian Kosse, Chair of Data Science in Business & Economics | | | |
| Program: | Type: | Term: | ECTS: |
| Master | Lecture | Summer/Winter | 5 CP |
| Contents & Objectives: | | | |
| <p>This course aims to equip students with key empirical research methods and their applications in business and economics. The course will cover the development of empirical research ideas, research designs, data generation, data editing, and data analysis. The course will use a paper-based approach to introduce and apply these topics. Additionally, students will learn about existing panel datasets and be led to perform their own empirical research. By the end of the course, students will have a comprehensive understanding of how to conduct empirical research in business and economics.</p> | | | |
| Prerequisites: | | | |
| Students that attend this course should have advanced knowledge in statistics and econometrics. | | | |
| Course Structure: | | | |
| Week | Content | | |
| 1-5 | Empirical Methods: Theory | | |
| 6-10 | Empirical Methods: Applications | | |
| 11-12 | Presentations | | |
| | | | |
| | | | |
| | | | |
| Literature: | | | |
| Lecture Notes will be provided every week. | | | |
| Grading: | | | |
| Portfolio examination (presentations + term paper). | | | |
| Contact: | | | |
| Dr. Fabian Kosse, Professor (teaching.kosse@uni-wuerzburg.de) | | | |