

## English language modules at the WSF (Bachelor)

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### Analysis and Forecasting of Macroeconomic Time Series

**Modul number:** 3501150

**Period:** irregular in the summer semester

**Degree:** B.Sc. VWL

**Language:** German or English

**Credit Points:** 6 CP

**Recommended prerequisite:** Basic concepts of economics, Basics of macroeconomics, Empirical economic research

**Learning and qualification goals:** The students get to know basic methods for describing and forecasting time series and apply them to macroeconomic data with common statistical software packages. This also enables them to assess the role of forecasts in the economic policy debate.

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### Applied Macroeconomics

**Modul number:** 3501160

**Period:** irregular in the winter semester

**Degree:** B.Sc. BWL, B.Sc. VWL

**Language:** German or English

**Credit Points:** 6 CP

**Recommended prerequisite:** Basic concepts of economics, Basics of macroeconomics

**Learning and qualification goals:** The students learn to apply basic macroeconomic models to practical case studies and to check them with the help of data. This enables them to understand and critically reflect on economic policy discussions.

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## Business Analytics

**Modul number:** 3500770

**Period:** winter semester

**Degree:** B.Sc. BWL, B.Sc. VWL

**Language:** German or English

**Credit Points:** 6 CP

**Learning and qualification goals:** The students are first taught the theoretical and conceptual basics of using business analytics. This applies to both the analytical and the behavioral perspective. Based on this, reasons for an assignment, objectives for the application and possibilities of implementation are conveyed.

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## Introduction to Econometrics

**Modul number:** 3501200

**Period:** summer semester

**Degree:** B.Sc. VWL

**Language:** German or English

**Credit Points:** 6 CP

**Recommended prerequisite:** Basics of statistics, Empirical economic research

**Learning and qualification goals:** The students learn econometric tools for the analysis of economic problems. The implementation of these concepts in the software R with real data as well as in simulation studies is a central part of the course. The students will be able to carry out econometric analyzes independently and to critically assess studies from the literature.

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## Empirical Economic Research

**Modul number:** 3501220

**Period:** winter semester

**Degree:** B.Sc. BWL, B.Sc. VWL

**Language:** German or English

**Credit Points:** 6 CP

**Admission restriction:** 60 students

**Recommended prerequisite:** Basics of statistics

**Learning and qualification goals:** The students learn methods for modeling economic problems. The focus here is on variants of regression analysis. The students are enabled to carry out empirical studies independently. This includes the following steps: dealing with data, specifying the economic problem, transferring the economic problem into an econometric model, implementation in software, interpretation and presentation of the results.

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## Foundations of Service Management

**Modul number:** 3500880

**Period:** winter semester

**Degree:** B.Sc. BWL, B.Sc. VWL, B.A. WIP

**Language:** German or English

**Credit Points:** 6 CP

**Learning and qualification goals:** The module first familiarizes the students with the special characteristics of service markets, products and customers. Building on this, the module conveys the essential concepts and strategies of service management. The constantly growing importance of new technologies in service contexts in the digital age is also given special consideration. In the lectures of the module, the essential theoretical concepts are examined and deepened using practical examples. In the accompanying exercise, the students apply the content developed in the lecture by discussing current case studies from various international service companies and working on exercises.

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## Innovation Management

**Modul number:** 3500890

**Period:** summer semester

**Degree:** B.Sc. BWL

**Language:** German or English

**Credit Points:** 6 CP

**Admission restriction:** 20 students

**Learning and qualification goals:** The students are first taught the theoretical and conceptual basics of designing the management of innovations. This relates both to the type of innovation (products, processes, (digital) technologies) and to the level of innovation management (company level, group level, manager level, employee level). Based on this, reasons for a design, goals for the implementation and possibilities of implementation are conveyed.

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## Integrated Reporting

**Modul number:** 3500900

**Period:** irregular

**Degree:** B.Sc. BWL

**Language:** English

**Credit Points:** 6 CP

**Admission restriction:** 5-30 students

**Recommended prerequisite:** Knowledge of English, Introduction to business administration, Financial accounting

**Learning and qualification goals:** Through this module, students acquire skills for scientific discourse on fundamental accounting issues and the profession of accountant.

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## Introduction to Environmental and Resource Economics

**Modul number:** 3500660

**Period:** irregular

**Degree:** B.Sc. BWL, B.A. SOWI, B.A. WIP, B.Sc. WIWI

**Language:** English

**Credit Points:** 6 CP

**Recommended prerequisite:** Basics of Economics, Introduction to Economics

**Learning and qualification goals:** Students will learn to apply analytical tools of microeconomic theory to environmental issues and tools of intertemporal decision-making to problems related to natural resources, to recognize connections between environmental economics and other areas of economics, and to use these insights to gain a deeper understanding of economics in general to recognize connections between environmental economics and other disciplines such as systems ecology and environmental sociology, to evaluate economic arguments against arguments from other disciplines, to participate in the social discourse on environmental problems and environmental policy on the basis of sound economic arguments.

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## Public Sector Accounting in Europe

**Modul number:** 3500950

**Period:** irregular

**Degree:** B.Sc. BWL

**Language:** German and English

**Credit Points:** 6 CP

**Admission restriction:** 15 students

**Recommended prerequisite:** English knowledge, Financial accounting

**Learning and qualification goals:** In video-based events, the students in this module should acquire technical and other skills. They get to know the special features of accounting in the public sector and are able to understand and appreciate alternative systems of standards and to be able to follow the current development of harmonized accounting standards in the EU. Other qualification goals relate in particular to digitization, media, language and presentation skills.

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