

English language modules at the WSF (Master)

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Current Topics in Demography

Modul number: 3750160

Period: irregular

Degree: M.Sc. DEMO, M.A. SOZ

Language: German or English

Credit points: 6 CP

Learning and qualification goals: On the basis of selected current topics, the students should be able to explain the theoretical and/or methodological background to laypersons and the specialist audience and to classify them in the appropriate context.

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Allocation and Economic Policy

Modul number: 3551420

Period: winter semester

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of mathematics, Basic knowledge of microeconomics, Basic knowledge of macroeconomics

Learning and qualification goals: Students learn to apply microeconomic approaches to efficient allocation problems. They get to know different theories and models of market failure. The students should be able to use these analysis tools to recognize and assess forms of market failure as well as government failure. They should be able to analyze and assess the effects of economic policy measures.

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Applied Econometrics

Modul number: 3551430

Period: irregular / summer semester

Degree: M.Sc. DEMO, M.A. SOZ, M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics

Learning and qualification goals: The students learn in-depth knowledge of modern and complex econometric analysis methods and apply them using suitable econometric software. They are able to carry out independent analyzes using econometric software.

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Labour Economics

Modul number: 3551270

Period: irregular

Degree: M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Good knowledge of mathematics, Good knowledge of statistics, Good knowledge of econometrics

Learning and qualification goals: The students get to know the peculiarities of the labor market and its modeling and can evaluate current developments and labor market policy against this background.

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Topics in Economic Theory

Modul number: 3551130

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics, Sound knowledge of microeconomics

Learning and qualification goals: The students learn to recognize typical explanation patterns and to critically reflect on different explanation approaches for concrete economic questions as well as scientific problems in general.

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International Trade Theory and Policy

Modul number: 3551440

Period: winter semester

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of mathematics, Basic knowledge of microeconomics, Basic knowledge of macroeconomics

Learning and qualification goals: The students can apply microeconomic theories, in particular the models of imperfect competition, to issues of the international division of labor and foreign trade and are able to assess the incentive effects and allocative effects of government trade policies. In addition, they master the theory of second best, especially in connection with trade policy measures, and are able to assess the opportunities and risks of the global division of labor as well as foreign trade policy measures and institutional arrangements for regulating international economic relations on an economically sound basis.

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Population, Globalization and the Environment

Modul number: 3750380

Period: summer semester

Degree: M.Sc. DEMO

Language: German or English

Credit points: 6 CP

Learning and qualification goals: The ability to name the causes and consequences of population development in a national and global context with a view to sustainable development. The application of the life-course perspective to health processes, taking into account individual and environmental factors. Knowledge of the effects of population aging on the individual, family, society and social security systems. Familiarization with a selected topic on the basis of a systematic literature search.

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Comparative European Governmental Accounting

Modul number: ***

Period: summer semester

Degree: M.Sc. DLM, M.A. WINF, M.A. WIP

Language: German and English

Credit points: 6 CP

Admission restriction: 20 students

Recommended prerequisite: Knowledge of English, Knowledge of external accounting

Learning and qualification goals: As part of an inverted classroom concept, the students in this module should acquire technical and other skills. You will learn why the public sector needs its own standard systems and which alternatives exist in principle. You will be able to critically reflect on alternative systems of standards and the process of developing harmonized accounting standards in the EU (EPSAS: European Public Sector Accounting Standards). Other qualification goals of this Erasmus+ funded module relate in particular to digitization, media, language, moderation and presentation skills, as well as skills in scientific discourse.

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Demographic Research Seminar

Modul number: 3750080

Period: winter semester

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 12 CP

Recommended prerequisite: Two modules from the field of methods

Learning and qualification goals: The derivation of hypotheses from theories of demographic behavior and demographic trends. The conception of a scientific study on demographic issues based on secondary data and surveys. Statistical analysis using models of lifetime analysis and multivariate statistics. Writing a scientific article.

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Demographic and Socio-economic Data Sources

Modul number: 3750130

Period: winter semester

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Advanced knowledge of statistical analysis methods and statistical software

Learning and qualification goals: The students know the structure, content and procurement of various demographic data sources, socio-economic secondary data and sociological and demographic surveys. The students can evaluate the data quality and, depending on the research project, determine the optimal data basis.

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Service Marketing

Modul number: 3550860

Period: winter semester

Degree: M.Sc. DLM, M.Sc. WINF, M.A. WIP

Language: German or English

Credit points: 6 CP

Admission restriction: 30 students

Recommended prerequisite: Basic knowledge of marketing

Learning and qualification goals: In-depth knowledge of the challenges of service marketing and the systematization of specific marketing tools. The ability to reflect on fundamental issues in the field of service marketing. The ability to apply the acquired knowledge to current scientific and/or business issues. The acquisition of basic knowledge about research approaches and current research fields in the field of service marketing.

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Dynamic Modeling in Economics

Modul number: 3550760

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Sound knowledge of mathematics, especially analysis and linear algebra

Learning and qualification goals: The students acquire in-depth knowledge of the dynamic modeling of economic relationships, especially in the areas of differential and difference equations, stability analysis, dynamic optimization and differential games. In doing so, they expand their skills in scientific argumentation and the assessment of adequate modelling.

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Advanced Microeconomics

Modul number: 3551460

Period: winter semester

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics, Basic knowledge of mathematics

Learning and qualification goals: The students learn how the expected utility function can be derived from axioms, how risk aversion can be modeled and, if necessary, measured and how asymmetric information leads to market failure. In this context, the limits of the classic models are discussed and alternative approaches are discussed.

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Advanced Econometrics

Modul number: 3550790

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of econometrics

Learning and qualification goals: The students learn well-founded theoretical knowledge of modern and complex econometric analysis methods and expand their knowledge of statistical-mathematical economic modeling. They are able to independently apply the methods they have learned to current issues, including using econometric software.

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Advanced Environmental and Resource Economics

Modul number: 3550170

Period: irregular

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ, M.A. WIP

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics

Learning and qualification goals: The students acquire advanced knowledge of theory and methods, especially in the field of dynamic modeling of natural resources. They are able to analyze environmentally relevant issues using economic methods and to assess environmental and resource policy measures from an economic point of view.

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Analysis of Societies (Diagnosis)

Modul number: 3750310

Period: irregular

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 12 CP

Recommended prerequisite: Sound knowledge of social diagnoses

Learning and qualification goals: The acquisition of knowledge about the meaning and the connection between social theories and diagnosis. The acquisition of skills for the critical appropriation and reflection of given social diagnoses. The acquisition of skills to apply social theories for social diagnosis. Insight into historical and spatio-temporal transformations in the context of social diagnoses.

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Analysis of Societies (Methods)

Modul number: 3750300

Period: irregular

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 12 CP

Learning and qualification goals: The acquisition of knowledge about the importance of methodological prerequisites of social analysis. The acquisition of skills for the critical appropriation and reflection of methodological problems of social analysis. The acquisition of skills for the methodological foundation of one's own socio-analytical considerations. Insight into the historical prerequisites of social analysis.

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Analysis of Societies (Theory)

Modul number: 3750290

Period: irregular

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 12 CP

Learning and qualification goals: The acquisition of knowledge about the meaning and the connection between social theories and analysis. The acquisition of skills for the critical appropriation and reflection of given social theories and analyzes. The acquisition of the ability to apply social theories to the analysis of social problems. Insight into historical and spatio-temporal transformations of social problems and their respective forms of reflection.

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Challenges of Demographic Change

Modul number: 3750190

Period: irregular

Degree: M.Sc. DEMO, M.A. SOZ

Language: German or English

Credit points: 6 CP

Learning and qualification goals: The acquisition of the ability to deal with issues of omnipresent demographic change in a well-founded manner.

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Industrial Organization

Modul number: 3551480

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics

Learning and qualification goals: The students learn how to deal with industrial economic models and methods. This allows them to assess current developments in imperfectly competitive markets and anti-competitive policies.

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Integrated Reporting and Accountability

Modul number: ***

Period: irregular in the winter semester

Degree: M.Sc. DLM, M.Sc. WINF, M.A. WIP

Language: English

Credit points: 6 CP

Admission restriction: 5-20 students

Recommended prerequisite: Knowledge of English, Corporate Accounting and Controlling

Learning and qualification goals: Through this module, students gain skills for the academic discourse on fundamental issues of accounting, accountability and assurance facing the accounting profession and their application to current issues in business.

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International Factor Movements

Modul number: 3550340

Period: irregular

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics

Learning and qualification goals: Students can apply economic analysis tools to questions of migration and international capital movements and are able to assess economic policy measures aimed at controlling international factor movements.

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Analysis of Mortality

Modul number: 3750390

Period: irregular

Degree: M.Sc. DEMO, M.Sc. VWL, M.A. SOZ

Language: German or English

Credit points: 12 CP

Recommended prerequisite: Basic knowledge of demographics

Learning and qualification goals: The lecture imparts the basic methods for measuring and analyzing mortality using official data, with particular reference to the life table model. In the accompanying exercise, the methods and techniques mentioned are illustrated using concrete exercises.

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Recent Developments in Demographic Research

Modul number: 3750350

Period: summer semester

Degree: M.Sc. DEMO, M.A. SOZ

Language: German or English

Credit points: 6 CP

Learning and qualification goals: The seminar is intended to familiarize the students with selected newer development trends in demographic research.

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New Political Economy

Modul number: 3551140

Period: irregular

Degree: M.Sc. VWL

Sprache: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of finance, Good knowledge of mathematics, Good knowledge of microeconomics

Learning and qualification goals: The students get to know the basic results of social welfare theory and newer approaches of political economy. This should enable them to understand and assess political decision-making processes using economic methods. In addition, students will learn how to analyze democratic institutions and electoral mechanisms in order to be able to better classify economic policy decisions.

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Quantitative Macroeconomics

Modul number: 3551290

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Sound knowledge of macroeconomics, Basic knowledge of economics, Basic knowledge of mathematics

Learning and qualification goals: The students get to know methods to work with dynamic macroeconomic models under uncertainty and to evaluate them empirically. This allows them to understand and evaluate academic and political macroeconomic discussions.

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Regression Analysis

Modul number: 3750140

Period: winter semester

Degree: M.Sc. DEMO, M.A. SOZ, M.Sc. VWL

Language: German or English

Credit points: 6 CP

Learning and qualification goals: Using statistical program packages, the students can carry out multivariate data analyzes using linear and binary-logistic regression analysis and are able to determine the quality of the model.

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Game Theory

Modul number: 3551500

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics, Basic knowledge of mathematics

Learning and qualification goals: The acquisition of skills for the abstract analysis of strategic interaction. The students should learn how such situations can be represented mathematically by games in extensive form or in normal form and how they can be analyzed with the help of game theory methods.

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Theory and Policy of Public Revenue

Modul number: 3551520

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of mathematics, Basic knowledge of microeconomics

Learning and qualification goals: The students get to know different methods for analyzing the impact of taxes. They should practice applying this knowledge to the German tax system and international taxation. Students will learn about different approaches to assessing government debt. This should enable them to understand and evaluate academic and public debates about state revenue instruments.

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Tourism Management

Modul number: 3551220

Period: summer semester

Degree: M.Sc. DLM, M.Sc. WINF

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of DLM

Learning and qualification goals: The students first develop basic knowledge of market structures in tourism and the special features of tourism management. Based on this, selected aspects of tourism management are deepened.

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Enterprise Modeling

Modul number: 1100910

Period: summer semester

Degree: M.Sc. DLM

Language: German or English

Credit points: 6 CP

Admission restriction: 5 Students from M.Sc. DLM

Recommended prerequisite: Basic knowledge of computer science, Basic knowledge of business informatics

Learning and qualification goals: Knowledge of processes, structures and relationships in companies is the basis for many information technology solutions, organizational changes or new forms of cooperation. Company models are an image of selected characteristics of the current or future company and support both the preparation and the implementation of such changes. This course imparts knowledge of the procedure and techniques of enterprise modelling.

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Behavioural Economics

Modul number: 3551150

Period: irregular

Degree: M.Sc. VWL

Language: German or English

Credit points: 6 CP

Recommended prerequisite: Basic knowledge of economics, Sound knowledge of microeconomics, Basic knowledge of game theory, Basic knowledge of mathematics

Learning and qualification goals: The students learn to differentiate between economic and social/psychological incentives and to create models that include both types of incentives. A reflected consideration of rational-economic models of strategic interaction is pursued.

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Auditing and Advisory Services

Modul number: 3551110

Period: summer semester

Degree: M.Sc. DLM, M.Sc. VWL, M.Sc. WINF, M.A. WIP

Language: German or English

Credit points: 12 CP

Learning and qualification goals: Acquisition of advanced knowledge of theories in auditing research, including knowledge of modeling for empirical testing. Expanding knowledge of auditing and consulting to the international context. Acquisition of the ability to recognize behavioral characteristics relevant to counseling and to control counseling sessions. The acquisition of the ability to apply the acquired knowledge to current research questions.

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