Modules for Social Sciences

Pflichtmodule

sow940 - Theoretical Approaches

<table>
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<tr>
<td>Credit points</td>
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<td>Workload</td>
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**Applicability of the module**
- Master's programme Social Sciences (Master) > Pflichtmodule

**Responsible persons**
- Mattes, Jannika (module responsibility)
- Sauermann, Jan (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

**Prerequisites**

**Skills to be acquired in this module**
- After completing this module, students will know central theoretical approaches of the study of organisations in the social sciences. They have an overview of central characteristics of organisations and will be able to assess current trends in organisational practice and research. They will be able to understand organisations as collective systems in which actors interact with each other and their environment. Students analyse collective action and collective decision making within and between organisations. They apply organisation theory to current events and learn to integrate it in their own research projects.

**Module contents**

The module consists of the seminar "Approaches to Organisations" (Mattes) and the seminar "Collective Action" (Sauermann).

The seminar "Approaches to Organisations" provides an overview on conceptual approaches to organisations, among them conceptualisations of organisations as rational and natural systems in a closed and in an open perspective (i.a. Weber, Taylor, Luhmann, Scott). The seminar also introduces students to crucial organisational processes such as specialisation and coordination, micro politics and decision-making processes and the interaction between the organisation and its environment. The seminar grants insights in varieties of organisations and enables students to analyse their core characteristics and the inherent processes.

**Recommended reading**

**Links**

**Language of instruction**
- English

**Duration (semesters)**
- 2 Semester

**Module frequency**
- Wintersemester (1. FS) und Sommersemester (2. FS)

**Module capacity**
- 25

**Module level**

**Type of module**

**Teaching/Learning method**

**Previous knowledge**

**Examination**

**Examination times**

**Type of examination**
- 1 Portfolio comprising
- 2 short oral presentations of 10-20 minutes
- 2 written reports with a length of 1.700 – 2.500 words each
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**Total module attendance time**

58 h
sow941 - Politics and Organisations

Module label: Politics and Organisations
Module abbreviation: sow941
Credit points: 9.0 KP
Workload: 270 h

Applicability of the module: Master's programme Social Sciences (Master) > Pflichtmodule
Responsible persons: Sältzer, Marius (module responsibility), Juen, Christina-Marie (module responsibility), Lehrenden, Die im Modul (authorised to take exams)

Prerequisites:

Skills to be acquired in this module: The module provides students with advanced theoretical concepts and research designs for analysing political organisations. After completing the module, students have deepened their knowledge of organisations in politics and party politics. Students can apply these theoretical and methodological skills to identify relevant research questions and analyse the current challenges organisations face in party politics.

Module contents:
The module consists of two thematically complementary and methodologically coherent seminars.

The first seminar examines party organisations, political ambition and intraparty politics from a theoretical perspective. Political parties are central organisations in most political systems and are often seen as unitary actors. However, power can't be understood without looking inside, as ideological differences and individual ambitions interplay with institutions and organisational rules. In this course, we focus on the way of individual citizens into parties and parliament theoretically. We shed light on political ambition and attitudes, parties’ nomination and selection processes, and the parliamentary behavior of parties and individuals. Participants learn to understand the interplay between politicians, parties and parliaments. Students thereby get in touch with different theoretical concepts and research designs (e.g., text-based analyses and experimental studies).

The second seminar deals with organisations, political ambition and intraparty politics from an empirical perspective, presenting case studies and data to analyze in practice. One of the central problems in this regard is the unwillingness of parties and individuals to present their more informal politics to the outside. We analyze individual cases in different political systems and use new methods that allow us to observe finer distinctions, from positions through political communication to networks inside and between parties.

Recommended reading:

Links:
Language of instruction: English
Duration (semesters): 1 Semester
Module frequency: Wintersemester (1. FS)
Module capacity: unlimited
Module level: Type of module
Teaching/Learning method: Previous knowledge
Examining: Examination times
Type of examination:
Final exam of module
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<td>Portfolio (work must be completed in both seminars) consisting of the writing of a research design in the theoretically focused seminar and a written report on a data analysis in the methodologically focused seminar.</td>
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**Total module attendance time** 56 h
# sow942 - Knowledge, Learning and Organisations

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<td>Responsible persons</td>
<td>Block, Katharina (module responsibility)</td>
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<td>Oeftering, Tonio (module responsibility)</td>
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## Prerequisites

## Skills to be acquired in this module

After completing this module students have deepened their theoretical and analytical knowledge on the processes of knowledge production in modern society in general. Furthermore, they have gained insights in specific processes of the production and the distribution of political knowledge and competencies to learners in certain organisations and other learning environments.

## Module contents

The aim of the module is to familiarise students with different modes and techniques of knowledge production and to discuss their conditions and consequences against the background of the significance of knowledge in modern society. The module focuses on different processes of knowledge production, depending on the seminar offered. In these processes, it changes how knowledge is produced and distributed. New technologies, for example, enable access to knowledge across traditional settings of knowledge production. Shifts in interpretive sovereignties generate new positions of power. Finally, it will be discussed to what extent new modes of knowledge production change the framework of knowledge production as a whole. In doing so, an exemplary focus is placed, for example, on political education. It is asked how and which knowledge is conveyed as a medium of political socialisation processes within educational organisations etc., which knowledge can be identified as relevant for political socialisation processes at all.

## Recommended reading

- Gibbons, Limoges, Nowotny, Schartzman, Scott and Trow (1994): The New Production of Knowledge. The Dynamics of Science and Research in Contemporary Societies

## Links

### Language of instruction

English

### Duration (semesters)

2 Semester

### Module frequency

Wintersemester (1. FS) und Sommersemester (2. FS)

### Module capacity

unlimited

### Type of module

Teaching/Learning method

## Previous knowledge

### Examination

Examination times | Type of examination
-- | --

## Final exam of module

Oral exams in each seminar: 2 short oral exams (15 minutes each)

## Type of course

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Total module attendance time 56 h
### sow943 - Society and Organisations

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<td>Responsible persons</td>
<td>Zoch, Gundula (module responsibility)</td>
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<td>Heidenreich, Martin (module responsibility)</td>
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**Skills to be acquired in this module**

Upon completing this module, students will have a thorough understanding of the central concepts and theories related to labour market and social inequality research. More specifically, the students will be able:

- to distinguish different dimensions and determinants of labour market and social inequalities and to explain and evaluate the respective links and mechanisms in between;
- to formulate research questions and derive theory-based hypotheses to examine these questions;
- to understand the data and methods used for the empirical analysis in labour market and inequality research;
- to understand, compare and evaluate the empirical results from scientific publications and to apply these methods and analyse data themselves;
- to develop their own research question and answer it through the application of theoretical concepts and data analysis in a written seminar paper.

Overall, this module aims to provide students with a comprehensive understanding of the field of labour market and social inequality research, as well as the skills to apply this knowledge in own research endeavours.

**Module contents**

The two seminars of this module focus on the social opportunities and risks determined by organisations. This is not only about earnings and income opportunities and risks, but also about participation in social life, since gainful employment is still a central site of socialisation. These are the classical topics of labour market research (first seminar of the module) and the sociology of social inequalities (second seminar).

In the seminar “Labour Markets in Transition”, the transformation of the post-war employment regime which was characterised by the industrially based normal employment relationship of permanent, domestic industrial workers will be analysed. The focus of the innovation-centred, global labour and knowledge society of the present is no longer on the industrial production of standardised goods, but on the flexible and networked provision of knowledge-based products and services by flexibly, sometimes precariously, employed persons. In this seminar, two closely related facets of this change in the labour society will be considered. On the one hand, the segmentation of labour markets through the division into good and bad jobs, also as a result of intra-firm processes of recruitment, remuneration (efficiency wages, signalling, social closure, insider-outsider conflicts) and flexibilisation (for instance through atypical and sometimes precarious forms of employment), and on the other hand, the changing institutional context (training and occupation, representation of interests, social security, protection against dismissal, activation). An international comparison shows that both the way companies deal with work and their institutional regulation differ significantly from country to country.

In the seminar “Social Inequality”, students will gain an understanding of the reproduction of social inequality within organisations such as the labour market, educational system, and welfare state. The seminar will explore how inequalities based on factors such as social background, education, gender, age, and migration background are perpetuated within these systems. First, central concepts, causes, and mechanisms of social inequality will be discussed and deepened, with a focus on the formation processes that operate within and across generations. Thereby, we will examine selected social
characteristics and groups, such as gender, age, social origin, and ethnicity, which can determine advantages or disadvantages in social interactions and life circumstances. These inequalities may be perpetuated through the life-course structuring in organisations such as educational institutions, companies, associations, or political parties, as well as within institutional and social contexts such as systems of social security and labour market policy. In addition to this, students will gain knowledge of the most important data sources and methods used in empirical, theory-based research to understand and test relationships related to social inequality. Support will also be provided for students who wish to improve their skills in academic writing in English.

Recommended reading


Links

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Total module attendance time 56 h
## sow944 - Quantitative Research Methods

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<td>Credit points</td>
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<td>Schnettler, Sebastian (module responsibility), Lehrenden, Die im Modul (authorised to take exams)</td>
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### Prerequisites

After completing this module, students will have a working knowledge of a range of research designs and statistical methods that are commonly applied in social science research. Students will thus be able to understand the methods used in a wide range of quantitative empirical research articles. This entails not only an understanding of the achievements of these studies but also to comprehend their potential limitations. Overall, thus, students will be able to critically discuss existing research and to generate ideas for improving on existing research designs and analyses. This also entails that students will be able to recognize the limitations of existing research with regard to claims about causal relationships between variables, an important skill not only for assessing the contribution of research for scientific advancement but also for evaluating its usefulness for interventions and policies. In this class, students will also learn to master the statistical software and programming language R (with RStudio) that allows them to conduct a wide range of data analytics tasks. After successfully completing the class, students will know how to import and export data into/from R, conduct common data management and visualization tasks, specify, run and evaluate a range of basic and advanced statistical models, and write up and prepare their results for presentation and publication.

### Module contents

The two seminars combine lecture-style presentations of research designs and statistical methods with applied lab session in which students work on hands-on exercises that help them achieve the necessary data analytics skills for this class. At the beginning, students get introduced to the statistical software and programming language R (with RStudio) that is used throughout this class. We will then have a few (hands-on) sessions on data import/export, data management, and visualization. Then, after briefly reviewing the basic linear regression framework and its extensions, we will build on it by introducing generalized linear regression models that allow to extend the regression approach to dependent variables that are not metrically scaled (e.g. count, logistic, ordinal logistic, and multinomial regression). We will then further open the regression toolbox by covering regression models for multilevel data including random and fixed effects models. We will discuss limitations of these models with regard to causal analysis and explore ways to improve their causal validity, both by means of other research designs and improved specification of statistical models. Finally, we will cover how to present and write-up statistical results and how to produce publication-ready output from statistical models.

### Recommended reading

- Huntington-Klein, Nick (2022) "The effect: an introduction to research design and causality" Boca Raton: CRC Press. (Free HTML-version at: https://theeffectbook.net/)
- Wickham, Hadley, und Garrett Grolemund (2016) R for data science: import, tidy, transform, visualize, and model data. Beijing: O'Reilly. (Free and more recent HTML-version at: http://r4ds.had.co.nz/)
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**Total module attendance time**

56 h
sow948 - Qualitative Research Methods

Module label: Qualitative Research Methods
Module abbreviation: sow948
Credit points: 6.0 KP
Workload: 180 h

Applicability of the module:
- Master's programme Social Sciences (Master) > Pflichtmodule

Responsible persons:
- Schnettler, Sebastian (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

Prerequisites:

Skills to be acquired in this module:
After completing this module, students will have an overview of common qualitative and mixed methods data collection and analysis methods. This overview allows them to understand qualitative empirical research in social science publications, to correctly understand what conclusions can be drawn from these studies, and to understand their limitations. Students will also learn and practice the tools to conduct and analyse their own qualitative or mixed methods research projects. This involves knowledge about the comparative advantages and disadvantage of different methods and the ability to choose the appropriate method for a research project. Upon successful completion of this module, students will also have the computer skills necessary to assist qualitative research projects.

Module contents:
After briefly reviewing the science theoretical foundations of qualitative social research, also vis-à-vis quantitative social research, we will cover an overview of different data collection (e.g. various forms of open interviews, focus groups, and ethnographic methods) and data analysis techniques commonly applied in qualitative social research. We will also learn about ways qualitative and quantitative methods can be usefully combined in so-called mixed-methods research designs. In the module, we will also teach software tools that can assist in the process of conducting qualitative research (e.g. MaxQDA or Atlas.ti). The approach of the class is hands-on. That is, besides seminar sessions that are devoted to teaching the covered material, other sessions are devoted to practicing data collection or analysis tasks (e.g. interpretation of text material) in class.

Recommended reading:
- Lareau, Annette (2021) "Listening to people: a practical guide to interviewing, participant observation, data analysis, and writing it all up" Chicago: The University of Chicago Press.
- Small, Mario Luis & Jessica McCrory Calarco (2022) "Qualitative literacy: a guide to evaluating ethnographic and interview research" Oakland, California: University of California Press.

Links:

Language of instruction: English
Duration (semesters): 2 Semester
Module frequency: Wintersemester (1. FS) und Sommersemester (2. FS)
Module capacity: unlimited
Module level: 

Type of module:
Teaching/Learning method:
Previous knowledge:
Examination:

Examination times:
Type of examination:
Final exam of module:
Portfolio consisting of 2 partial performances
2 short tests

Type of course:
Comment
SWS
Frequency
Workload of compulsory attendance
Lecture
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Seminar
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SoSe und WiSe
56

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## Wahlpfllichtmodule

**sow961 - Advanced Topics in Political Science**

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**Applicability of the module**
- Master's programme Social Sciences (Master) > Wahlpfllichtmodule

**Responsible persons**
- Oeftering, Tonio (module responsibility)
- Sältzer, Marius (module responsibility)
- Sauermann, Jan (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

**Prerequisites**

**Skills to be acquired in this module**

After completing the module, students have deepened their theoretical and analytical knowledge in one of the subfields of political science. Students can specialise in political theory, international relations, comparative politics, political economy, public policy, electoral research, or political education and gain a deeper understanding of relevant research topics, theories, and methods in the respective field. Students apply their knowledge in analysing current events and learn to integrate it into their research.

**Module contents**
depending on the topic and the content of the chosen course

**Recommended reading**
depending on the topic and the content of the chosen course

**Links**

**Language of instruction**
English

**Duration (semesters)**
1 Semester

**Module frequency**
Winter- oder Sommersemester (1., 2. oder 3. FS)

**Module capacity**
unlimited

**Module level**

**Type of module**

**Teaching/Learning method**

**Previous knowledge**

**Examination**

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**Final exam of module**

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**Total module attendance time**

56 h
sow962 - Advanced Topics in Sociology

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<tr>
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<td>Upon completing this module, students will have a thorough understanding of the central concepts and theories related to one of the subfields of sociology. More specifically, students will be able to:</td>
</tr>
<tr>
<td></td>
<td>• gain a deeper understanding of relevant research topics in either quantitative or qualitative sociology and related theories and methods;</td>
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<tr>
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<td>• read and understand academic literature in sociology and use it to inform their own research;</td>
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<td>• develop critical thinking skills and the ability to evaluate and analyze sociological research;</td>
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<td>• design and conduct their own research projects using appropriate research methods;</td>
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<td></td>
<td>• apply their knowledge in the analysis of current events in the field of sociology and integrate it into their own research;</td>
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<td>• communicate sociological research findings effectively, both verbally and in writing;</td>
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<td>• understand and evaluate how sociology is applied in different contexts, such as in policy-making, social activism, and advocacy.</td>
</tr>
<tr>
<td>Module contents</td>
<td>depending on the topic of and the content of the chosen course</td>
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<td>Type of examination</td>
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Depending on the chosen course:
1 term paper or
1 oral presentation or
1 portfolio

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<th>Frequency</th>
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sow963 - Advanced Social Science Theory

Module label: Advanced Social Science Theory
Module abbreviation: sow963
Credit points: 6.0 KP
Workload: 180 h

Applicability of the module: Master's programme Social Sciences (Master) > Wahlpflichtmodule

Responsible persons:
- Lindemann, Gesa (module responsibility)
- Bearbeitung, in (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

Prerequisites

Skills to be acquired in this module: After completing this module, students will be able to distinguish different levels of theories (Social theories or conceptual frameworks, middle range theories, theories of society), and to understand the relevance of conceptual frameworks for empirical research. Examples for different conceptual frameworks are: action theory, RC-theory and game theory, institutiontheory or practice theory. On this basis, students can identify the premises of the respective approaches and assess their conceptual coherence. They will be able to compare different conceptual frameworks and evaluate their relevance for empirical research. Furthermore students will be able to analyze social research as a social practice, which is shaped by particular interests, social conditions and interactions.

Module contents:
In the seminar students acquire the fundamentals of social science theories, such as action theory, RC theory and game theory, practice theory or institutional theory, and understand how these frameworks are designed. Students acquire knowledge of how conceptual frameworks shape the concrete conduct of empirical research and how the latter determines middle range theories. In addition, students work out that and how social science research is determined by particular interests, social conditions and concrete interactions.

Recommended reading:
- Lakatos, Imre (1978) The methodology of scientific research programmes, Cambridge, New York, Port Chester, Melbourne, Sydney: Cambridge University Press

Links

Language of instruction: English
Duration (semesters): 1 Semester
Module frequency: Winter- or Sommersemester (1., 2. oder 3. FS)
Module capacity: unlimited
Module level:
Type of module:
Teaching/Learning method:
Previous knowledge:

Examination
Examination times
Type of examination
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**Total module attendance time** 56 h
sow964 - Advanced Social Research Methods

Module label: Advanced Social Research Methods
Module abbreviation: sow964
Credit points: 6.0 KP
Workload: 180 h

Applicability of the module:
- Master's programme Social Sciences (Master) > Wahlpflichtmodule

Responsible persons:
- Schnettler, Sebastian (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

Prerequisites:
sow944 for courses with a quantitative focus; sow945 for classes with a focus on qualitative methods; and both sow944 and sow945 for classes with a focus on combining quantitative and qualitative methods in mixed methods designs.

Skills to be acquired in this module:
After successful completion of this module, students will have a solid understanding of the advanced social research methods offered in the particular class in this module. This will enable them to understand and critically engage with empirical research using advanced social research designs and methods. Also, students will be able to apply these advanced social research methods to their own empirical research projects. In most classes offered within this module, students will also obtain the necessary software skills to apply or assist the advanced methods taught in class.

Module contents:
After successful completion of this module, students will have a solid understanding of the advanced social research methods offered in the particular class in this module. This will enable them to understand and critically engage with empirical research using advanced social research designs and methods. Also, students will be able to apply these advanced social research methods to their own empirical research projects. In most classes offered within this module, students will also obtain the necessary software skills to apply or assist the advanced methods taught in class.

Recommended reading:

Language of instruction: English
Duration (semesters): 1 Semester
Module frequency: Winter- oder Sommersemester (1., 2. oder 3. FS)
Module capacity: unlimited
Module level:
Type of module:
Teaching/Learning method:
Previous knowledge:

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Links

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18 / 38
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**sow965 - Advanced Statistics**

**Module label**  
Advanced Statistics

**Module abbreviation**  
sow965

**Credit points**  
6.0 KP

**Workload**  
180 h

**Applicability of the module**  
- Master's programme Social Sciences (Master) > Wahlpflichtmodule

**Responsible persons**  
- Schnettler, Sebastian (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

**Prerequisites**  
sow944

**Skills to be acquired in this module**

After completing this module, students will be able to:

- demonstrate a comprehensive knowledge of advanced statistical concepts and techniques;
- interpret and critically evaluate data, draw meaningful conclusions and make reliable predictions based on the specific advanced statistical method on offer;
- understand research publications using advanced statistical methods;
- apply advanced statistical methods in their own empirical projects;
- utilise software packages (e.g., R) to analyse data using advanced statistical tools;
- effectively communicate statistical results and implications.

**Module contents**  
The specific contents of this module may alternative between classes offered within this module. Examples for advanced statistics contents that may be offered are causal inference, computational social science methods, machine learning, quantitative text analysis, Bayesian statistics, multilevel models, advanced data visualisation, and advanced statistical programming. This list is not intended to be exhaustive. Further topics may be offered depending on capacities and demand.

**Recommended reading**


**Links**

**Language of instruction**  
English

**Duration (semesters)**  
1 Semester

**Module frequency**  
Winter- oder Sommersemester (1., 2. oder 3. FS)

**Module capacity**  
unlimited

**Module level**

**Type of module**

**Teaching/Learning method**

**Previous knowledge**

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Praxismodule

sow971 - Project

Module label: Project
Module abbreviation: sow971
Credit points: 12.0 KP
Workload: 360 h

Applicability of the module:
- Master's programme Social Sciences (Master) > Praxismodule

Responsible persons:
- Mattes, Jannika (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

Prerequisites:

Skills to be acquired in this module:
After completing the module, students are able to plan and conduct all or several phases of a small-scale research project. In particular, students develop a research question, devise an appropriate theoretical framework and design an empirical strategy for their project. By focusing on a topic of their own choice, students develop a deep understanding of the development of a research design and the application of theory and methods.

Module contents:
First students identify a research topic. Engaging with the relevant existing literature, students learn to define a concrete empirical analytical research question and to develop an appropriate theoretical framework for their question. Then students develop an empirical strategy to investigate their problem. They generate original data or gather existing data and analyse their empirical materials. In some cases, it may also be possible to write a purely theoretical piece. Finally, students present their findings in a written report.

Recommended reading

Languages of instruction

Duration (semesters): 2 Semester
Module frequency:
- Sommersemester (2. FS) und Wintersemester (3. FS)
Module capacity: unlimited
Module level
Type of module: Teaching/Learning method
Previous knowledge
Examination
Examination times
Type of examination
Final exam of module
Examination performance:
- 1 project report

Type of course: Colloquium
SWS: 2
Frequency: SoSe und WiSe
On-site workload: 28 h
sow972 - Internship

Module label: Internship
Module abbreviation: sow972
Credit points: 12.0 KP
Workload: 360 h

Applicability of the module:
- Master's programme Social Sciences (Master) > Praxismodule

Responsible persons:
- Mattes, Jannika (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

Prerequisites:
Upon completion of the module, students will have a basic knowledge of the main career fields relevant to graduates in the social sciences. Students will gain an overview of the job market for social scientists, specific problems of professional work, and on the experiences gained or expected in the internship from a social science perspective.

Module contents:
The purpose of the course is to offer students who are planning an internship to discuss their expectations of the sphere of professional work, and to identify possible internship areas according to their individual needs. In the respective sessions, the steps of the internship search (e.g. finding suitable companies, writing an application), and the students' expectations for future work will be reflected. In the colloquium, students exchange information about the respective status and experiences during the search and the internship itself. In addition, the requirements for the internship report are explained.

Recommended reading:

Links:

Language of instruction: English
Duration (semesters): 2 Semester
Module frequency: Sommersemester (2. FS) und Wintersemester (3. FS)
Module capacity: unlimited
Module level:

Type of module:
Teaching/Learning method:

Previous knowledge:

Examination:
Examination times:
Type of examination:
Final exam of module:
Examination performance:
1 internship report

Type of course: Colloquium
SWS: 2
Frequency: SoSe und WiSe
On-site workload: 28 h
Wahlpflichtmodule anderer Institute und Departments

gsw300 - Gesundheits- und Versorgungssysteme

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<tr>
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Applicability of the module
- Health Services Research (Master) > Basismodule
- Master's programme Social Sciences (Master) > Wahlpflichtmodule anderer Institute und Departments

Responsible persons
- Freitag, Michael (module responsibility)
- Gockel, Julia (Module counselling)
- Lau, Sandra (authorised to take exams)
- Aits, Imke (authorised to take exams)
- Freitag, Michael (authorised to take exams)

Prerequisites
keine

Skills to be acquired in this module
Das Qualifikationsziel des Moduls ist die Fähigkeit zu einer theoretisch fundierten und kritischen Auseinandersetzung mit dem Gesundheitssystem in Deutschland und dem Vergleich mit Gesundheitssystemen anderer Länder.

Die Studierenden kennen...
- die volkswirtschaftliche Relevanz von Gesundheitssystemen und die historische Entstehung / Entwicklung des deutschen Systems
- wichtige Klassifizierungselemente für Gesundheitssysteme
- die wesentlichen Systemstrukturen und Versorgungsformen im deutschen Gesundheitssystem
- die grundlegenden Akteure und ihre Interessenslagen des deutschen Gesundheitssystems
- Prozesse, Abläufe und Kooperationen im deutschen Gesundheitssystem

Die Studierenden können
- das deutsche Gesundheitssystem im internationalen Vergleich einordnen
- die Versorgung in Deutschland erklären und Position dazu beziehen

Module contents
Das deutsche Gesundheitssystem im Vergleich:

Merkmale des deutschen Gesundheitssystems
- Akteure im deutschen Gesundheitssystem (die drei Ebenen: Staatliche Stellen, Körperschaften und Verbände, Individualakteure)
- Gesetzliche versus private Krankenversicherung
- Das deutsche Gesundheitssystem im europäischen und internationalen Vergleich, insbesondere Niederlande, UK, USA
- Grenzüberschreitende Versorgung und Zusammenarbeit in Europa (Versorgung im Ausland, Arzneimittelzulassung, etc.)

Grundlagen der Versorgung (in Prävention, Kuration, Pflege, Reha, Palliation)
- Ist-Situation der Versorgung in Deutschland: demografische Grundlagen und gesellschaftliche Herausforderungen
- Strukturen/ Akteure/ Prozesse: ambulante Versorgung, die stationäre Versorgung, psychiatrische Versorgung, Rehabilitation etc. und Schnittstellenmanagement

Recommended reading

<table>
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<tbody>
<tr>
<td>Language of instruction</td>
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Das Modul ist Grundlage für die Teilnahme am Modul gsw430.

Das Modul eignet sich für Studiengänge im Bereich Gesundheitswissenschaften und Medizin.

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Das Modul wird in Modul gsw420 wieder aufgegriffen, da dort die Implementierung von komplexen Interventionen innerhalb der Versorgung, die...
Das Modul steht zudem in einem engen inhaltlichen Zusammenhang mit dem Modul gsw400.

Eine Einbindung des Moduls in andere Studiengänge ist nicht vorgesehen.

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| Lecture     | 2 | SoSe oder WiSe | 28 |
| Seminar     | 2 | SoSe oder WiSe | 28 |
| Total module attendance time | 56 h |
**wir874 - Advanced Microeconomics**

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**Applicability of the module**
- Master Applied Economics and Data Science (Master) > Economics
- Master's programme Business Administration: Management and Law (Master) > Basismodule
- Master's programme Business Administration: Management and Law (Master) > Kernmodule CHI
- Master's programme Social Sciences (Master) > Wahlpflichtmodule anderer Institute und Departments

**Responsible persons**
- Helm, Carsten (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)
- Lehrenden, Die im Modul (Module counselling)

**Skills to be acquired in this module**
- Students should understand the importance of incentive systems for economic processes and can analyze the effects of incentive systems;
- Have a firm knowledge in game theory and contract theory, and can address questions in the context of scientific discussion;
- Are able to apply methods from game theory and contract theory largely independently to the analysis of situations in which agents interact strategically;
- Are able to design incentive schemes – on their own and in teams – and to acquire knowledge on their own for this purpose and, to present their results, and to defend them in the scientific discourse.

**Module contents**
The first part of the module covers game theory. Game theory is an important method in economics to analyze strategic interactions of agents, e.g., on markets, in organizations or in bargaining situations. The second part of the module covers contract theory that – according to the Nobel laureate Kenneth Arrow – has been „the most important development in economics in the last forty years“. We work out the fundamentals of screenings, signaling and moral hazard and apply them to different topics, e.g., from labor economics, economic organization and management, law and economics as well as industrial economics.

In both parts, there is a tutorial. Here students largely independently apply the acquired knowledge to different situations of strategic interaction in economics and present their results.

**Recommended reading**

**Links**
http://www.fiwi.uni-oldenburg.de/

**Language of instruction**
English

**Duration (semesters)**
1 Semester

**Module frequency**
jährlich

**Module capacity**
unlimited

**Module level**

**Type of module**

**Teaching/Learning method**

**Previous knowledge**

**Final exam of module**
At the end of the lecture period.

**Type of course module**

**Examination**

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**Public Economics and Market Design**

**Module label**
Public Economics and Market Design

**Module abbreviation**
wir878

**Credit points**
6.0 KP

**Workload**
180 h

**Applicability of the module**
- Master Applied Economics and Data Science (Master) > Economics
- Master's programme Social Sciences (Master) > Wahlpflichtmodule anderer Institute und Departments
- Master's Programme Sustainability Economics and Management (Master) > Additional Modules
- Master's Programme Water and Coastal Management (Master) > Socioeconomics

**Responsible persons**
- Lehrenden, Die im Modul (Module counselling)
- Helm, Carsten (Module counselling)
- Helm, Carsten (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)

**Prerequisites**
none

**Skills to be acquired in this module**
The students are able

- to understand sources of market failures and government failures
- understand taxing and spending activities of governments
- understand the distinction between normative and positive perspectives in the evaluation of government policy
- to apply economic methods to current issues in public economics
- present their research result in the form of written papers and oral presentations

**Module contents**
The course covers key concepts of public economics, which studies how government taxing and spending activities affect the economy – economic efficiency and the distribution of income and wealth.

Lecture: After introducing the theory and methodology of public economics, we discuss a historical and theoretical overview of the public sector. We then focus on departures from efficiency (especially asymmetric information), taxation issues (including tax evasion, fiscal federalism and tax competition among independent jurisdictions), and the intertemporal issue of social security (especially pension system).

Seminar: covers current issues in public economics, e.g. reform of health care or pension system.

**Recommended reading**

**Links**
http://www.fiwi.uni-oldenburg.de/

**Languages of instruction**
German, English

**Duration (semesters)**
1 Semester

**Module frequency**
jährlich

**Module capacity**
30

**Reference text**
The seminar will be conducted as a block seminar

**Module level**

**Type of module**

**Teaching/Learning method**

**Previous knowledge**
<table>
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<tr>
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<th>Examination times</th>
<th>Type of examination</th>
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<td>seminar paper end presentation</td>
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<table>
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<td>SoSe</td>
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<td>28</td>
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**Total module attendance time**  56 h
wir92 - Computational Economics

Module label: Computational Economics
Module abbreviation: wir92
Credit points: 6.0 KP
Workload: 180 h

Applicability of the module:
- Master Applied Economics and Data Science (Master) > Empirical Methods
- Master's programme Social Sciences (Master) > Wahlpflichtmodule anderer Institute und Departments
- Master's Programme Sustainability Economics and Management (Master) > Additional Modules

Responsible persons:
- Böhringer, Christoph (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)
- Riesenbeck, Lukas (Module counselling)
- Schürer, Laura (Module counselling)

Prerequisites:
None

Skills to be acquired in this module:
Computer-based simulations play a key role for quantifying the economic impacts of policy reforms. Among numerical simulation methods, computable partial equilibrium (CPE) models are widely used in applied economic analysis. These models build on microeconomic theory for describing supply and demand behavior of economic agents on markets. Students will learn how to program such models and apply them to the impact assessment of trade, fiscal, or environmental policies.

Module contents:
In the course, we start from basic microeconomic theory to describe the supply-side and demand-side responses on economic markets triggered by regulatory policy measures such as taxes or subsidies. We then translate simple theoretical models into computatable partial equilibrium (CPE) models and use empirical data for model parametrization. Subsequently, the CPE models are used to quantify the economic efficiency impacts and the economic incidence of policy instruments such as taxes, subsidies, standards or quotas. For the implementation of the simulation models on the students' PC we will learn a powerful state-of-the-art modeling language called GAMS (Generic Algebraic Modeling System) which initially had been developed for World Bank economists. The fundamental strength of GAMS lies in the ease with which algebraic models in economics and management (or other sciences) can be formulated and solved. Students enrolled to the course will receive a free GAMS license. For the examination, the students will be requested to adapt a basic market model towards a policy issue of their choice and provide a small written essay (max. 10 pages) on their applied analysis. For this, the students can team up in groups with 2 people and hand in their essay until the end of the summer semester.

Recommended reading:
Tba

Language of instruction: English

Duration (semesters): 1 Semester
Module frequency: Annual
Module capacity: 14
Module level:

Type of module:
Teaching/Learning method:

Previous knowledge:

Final exam of module:
At the end of the lecture period: Portfolio
Type of examination:

Type of course Comment SWS Frequency Workload of compulsory attendance

Lecture 2 SoSe oder WiSe 28
Seminar 2 SoSe oder WiSe 28

Total module attendance time: 56 h
### wir902 - International Sustainability Management

<table>
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<td>Credit points</td>
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<tr>
<td>Workload</td>
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</table>

#### Applicability of the module
- Master's programme Business Administration: Management and Law (Master) > Schwerpunktmodule NM-BWL
- Master's programme Business Administration: Management and Law (Master) > Schwerpunktmodule RdW - BWL
- Master's Programme Business Informatics (Master) > Module der Wirtschafts- und Rechtswissenschaften (Master)
- Master's programme Social Sciences (Master) > Wahlpflichtmodule anderer Institute und Departments
- Master's Programme Sustainability Economics and Management (Master) > Basic and Accentuation Modules
- Master's Programme Water and Coastal Management (Master) > Socioeconomics

#### Responsible persons
- Siebenhüner, Bernd (module responsibility)
- Lehrenden, Die im Modul (authorised to take exams)
- Wegner, Alkje (authorised to take exams)
- Sievers-Glotzbach, Stefanie (authorised to take exams)

#### Prerequisites
- No

#### Skills to be acquired in this module
- Knowledge on the basic concepts and strategies of sustainability management related to corporate practice:
  * Sustainability: Basic concepts, strategies,
  * Domestic and international challenges for business,
  * Business case for sustainable development,
  * Integrative concepts of sustainable corporations,
  * Sustainable strategies,
  * Management instruments
- Discussing topics of international sustainability management with students from different scientific disciplines.
- Ability to present and evaluate different concepts and instruments of international sustainability management

#### Module contents
This module consists of a one lecture and one seminar (2 weekly contact hours per lecture/seminar) dealing with basic concepts and strategies of sustainability management within corporations. Both, lecture and seminar give an overview of current sustainability strategies for companies and present a variety of instruments to integrate and initiate sustainable development within corporations. While the lecture focuses more on theoretical approaches and introduces basic concepts of corporate sustainability management, the seminar provides a variety of case studies and business cases to demonstrate different concepts and instruments of sustainability management. The seminar provides the possibilities for inter- and transdisciplinary exchange and discussions.

#### Recommended reading
- BMU/BDI (Eds.) 2002: Sustainability Management in Business Enterprises. CSM, University of Lueneburg (Schaltegger, Herzig, Kleber, Müller), http://www2.leuphana.de/umanagement/csm/content/nama/downloads/pdf-dateien/nmu_fs_engl_final.pdf
- Charter, Martin/Tischner, Ursula (Eds.) (2001): Sustainable Solutions, Developing Products and Services for the Future, Sheffield: Greenleaf;

#### Links

#### Language of instruction
- English
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wir904 - Environmental and Sustainability Policies

Module label: Environmental and Sustainability Policies
Module abbreviation: wir904
Credit points: 6.0 KP
Workload: 180 h

Applicability of the module:
- Master's Programme Business Informatics (Master) > Module der Wirtschafts- und Rechtswissenschaften (Master)
- Master's Programme Computing Science (Master) > Module aus anderen Studiengängen
- Master's programme Social Sciences (Master) > Wahlpflichtmodule anderer Institute und Departments
- Master's Programme Sustainability Economics and Management (Master) > Basic and Accentuation Modules

Responsible persons:
- Lehrenden, Die im Modul (authorised to take exams)
- Siebenhüner, Bernd (Module counselling)
- Wegner, Alkje (Module counselling)
- Müller, Werner Joachim (Module counselling)
- Siebenhüner, Bernd (module responsibility)

Prerequisites:
- students:
  - have basic information about national and european environmental and sustainability governance
  - describe the history of national and european environmental and sustainability governance
  - reflect upon central principles, instruments, players and strategies in environmental and sustainability governance
  - analyze selected topics of environmental and sustainability governance based upon central principles, instruments, players and strategies

Module contents:
- Introduction to environmental politics - Politics, Political Science, Policy Analysis
- Environment – Terms and Concepts - Historical Foundations of Environmental Politics
- Actors, institutions and governance structures; Actors in Environmental Policy
- Socio-ecological systems framework
- Environmental Policy in Germany
- Environmental Policy in the European Union
- Steering and principles in environmental policy
- Instruments in environmental policy
- Policy process and environmental policy
- Multilevel and reflexive governance - Multilevel governance
- International environmental governance
- Science-Policy Interface

Recommended reading:
- Aden, Hartmut (2012): Umweltpolitik, Wiesbaden: VS-Verlag

Links:
- https://www.uni-oldenburg.de/wire/

Languages of instruction:
- German, English

Duration (semesters):
- 1 Semester

Module frequency:
- halbjährlich

Module capacity:
- unlimited

Module level:
- 35 / 38
| Type of module     |  |
|-------------------|  |
| Teaching/Learning method |  |
| Previous knowledge |  |
| Examination | Examination times | Type of examination |
| Final exam of module | Vorlesung und Seminar |
| Type of course |  |
| SWS | 4 |
| Frequency | WiSe |
| On-site workload | 56 h |
### Abschlussmodul

**mam - Master’s Thesis Module**

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