

Otto-Friedrich-
Universität Bamberg



**Department of Social Sciences, Economics and
Business Administration**

ECTS – GUIDE

2025/2026

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For visitors:

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1 INTRODUCTION

1.1 General Information

This booklet provides detailed information on course offerings at the Otto-Friedrich-University of Bamberg, Germany, Department of Social Sciences, Economic and Business Administration. It addresses ERASMUS students and coordinators at their home institutions.

The booklet is for your guidance. It should serve to answer the many questions ERASMUS students have prior to and on their arrival in Bamberg. It should also serve to inform the coordinators and advisors at the participating universities about the assessment and accreditation of the work that a returning student has done in Bamberg.

We hope to improve this booklet continuously. Nevertheless, we cannot guarantee that the information is always up to date. Therefore, we are open to any comments that you, the reader, may have.

Please note that the information in this booklet is non-binding and that professors are free to add, revise or delete aspects of their courses at any time.

In fact, the information in this booklet is best supplemented by the official course directory ("Vorlesungsverzeichnis") of the University of Bamberg as well as current information usually available from each professor at the beginning of a semester (for further details see the departments' homepages <http://www.uni-bamberg.de/sowi>).

It is our most sincere wish that this brochure, in facilitating the mobility of European students, will make a modest contribution to realizing the goals that the various contemporary movements towards European integration are striving for, namely a peaceful and prosperous Europe, based on mutual understanding, acceptance and trust.

1.2 What is ECTS and how does it work?

ECTS stands for "European Credit Transfer and Accumulation System". ECTS is a pilot project forming part of the ERASMUS Program (European Community Action Scheme for the Mobility of University Students). One of the main aims of ERASMUS is to promote academic recognition throughout the European Union so that it is easier for students to complete a part of their studies abroad. As of the academic year 1992/93, ERASMUS has also applied to exchanges between an EU Member State and any country belonging to the European Free Trade Association (EFTA).

1.2.1 How does ECTS work?

ECTS was introduced during a pilot phase extending from the academic year 1989/90 to the academic year 1994/95. Five subject areas were selected for testing the ECTS mechanism: Business Administration, Chemistry, History, Mechanical Engineering and Medicine. One faculty or department from each of the 145 member institutions of higher education participated in the scheme. The results of this pilot phase were encouraging enough to convince the European Commission to implement it as part of the incoming SOCRATES program, which will incorporate, restructure, and expand the existing ERASMUS program.

ECTS is a decentralized system based upon the principle of mutual trust between participating institutions. The few rules of ECTS, which concern information (on courses available), agreement (between the home and host institutions), and the use of credit points (to indicate student workload), are intended as reinforcement of this mutual trust. Each ECTS department describes the courses offered not only in terms of content, but also in terms of credits assigned to each course.

1.2.2 The allocation of credit points to courses

ECTS is a credit system based on student workload. Student workload refers to the time spent in lectures, internships, and independent study. It includes all the work needed to prepare for examinations and to meet academic requirements.

The basic allocation of academic credits in the ECTS is 60 credits per year of study, 30 credits per semester, or 20 credits per trimester or term. It is important that no special courses are set up for ECTS purposes. All ECTS courses should be mainstream courses of the participating institutions, as followed by home students under normal regulations.

It is up to the participating institutions to assign credits for the different courses relative to their workload. Internships (work placements) and optional courses are also assigned academic credit, but only if they form an integral part of the study program. Non-credit courses may, however, be included on a student's transcript. Credits are awarded only if a course has been completed, all requirements have been met and examinations passed.

1.2.3 ECTS Students

Students participating in the ECTS will receive full credit for all academic work successfully completed at any of the ECTS partner institutions. These academic credits may be transferred from one participating institution to another as long as there has been prior agreement between the institutions involved.

All students participating in the ECTS pilot scheme will go to a host institution in an EU Member State, study there for a short period of time, and then return to their home institution. Some may decide to stay at the host institution and finish their degree there. Others may decide to proceed to a third institution and continue their studies. In each of these three scenarios, students will be required to comply with the legal and institutional requirements of the country and institutions where they take their degree.

When a student returns after successfully completing the study components agreed on in advance by the home and host institution, credit transfer takes place. The student then resumes his/her study program at his/her home institution without loss of time or credit. If, on the other hand, the student decides to stay at the host institution and to take his/her degree there, he/she may have to adapt his/her study program to comply with the rules of the host country, institution and department.

1.2.4 ECTS and the Department of Social Sciences, Economics and Business Administration

Visiting students studying in Bamberg will have to apply at their home institutions for recognition of their work done here. Whether this recognition is granted will depend in many cases on the course description given to the home department. Therefore, it is important that you clarify, with the help of the descriptive pages in this booklet, whether your university will accredit the courses taken here. You are advised to find out about the course requirements from your home department before coming to Bamberg, and whether the program of study you intend to follow here will be recognized.

1.2.5 The ECTS Grading System

Examination and assessment are usually expressed in grades. However, many different grading systems co-exist in Europe. Moreover, the issue of grade transfer was highlighted as a major concern by student participants in the ECTS, as indeed it has been for mobile students in general. The situation is further complicated by the fact that the interpretation of grades varies considerably from country to country, and indeed from institution to institution, and by the failure of effectively communicating grades which might have serious consequences for mobile students.

As a result, the Commission of the European Community convened a working group of experts in order to identify the issues involved. Information, comments and statistical data provided by 80 out of the 84 institutions participating in the ECTS at that time were taken into account to refine the proposed ECTS grading scale. All subject area groups agreed to use the ECTS grading scale in order to test its feasibility.

The ECTS grading scale has thus been developed in order to help institutions translate the grades awarded by host institutions to ECTS students. Though it provides information on the student's performance additional to that provided by the institution's grade, it does not replace the local grade. Higher education institutions make their own decisions on how to apply the ECTS grading scale to their own system. The ECTS grading scale allows other institutions the flexibility to award an appropriate mark on their own scale for any incoming or returning students with ECTS grades.

The ECTS grade has to be indicated, alongside with the mark awarded by the institution on the student's transcript, showing the learning achievement of each student in terms of local grades and ECTS credits, and has to be issued either by the home institution or by the host institution before and after the period of study.

In debating the ECTS grading scale, consideration was given to strict numerical definitions based upon the ranking of students in class and to more qualitative definitions based on a common understanding of keywords such as 'good' and 'excellent'. Neither approach in itself was deemed to give satisfactory results. Indeed, a strictly numerical approach would define boundaries which might be irrational against national criteria and which might be impossible to draw if the national grading system discriminates only broadly. Similarly, clear differences appear between institutions in their understanding of keywords.

The ECTS grading scale is, therefore, based upon the combined use of appropriate keywords and numerical descriptions intended to assist in overcoming the transparency of the keywords.

The ECTS grading scale with keywords and an average percentage of successful students achieving these grades:

A	10%	Excellent	Outstanding performance with only minor errors
B	25%	Very Good	Above the average standard but with some errors
C	30%	Good	Generally sound work with a number of notable errors
D	25%	Satisfactory	Fair but with significant shortcomings
E	10%	Sufficient	Performance meets the minimum criteria
FX		Fail	Some more work required before the credit can be awarded
F		Fail	Considerable further work is required

2 BAMBERG AND ITS UNIVERSITY

2.1 The City

Bamberg looks back on a history that spans more than 1000 years. Mostly spared from the devastation of World War II, the city exhibits some of the most outstanding examples of buildings in Germany and was declared part of the UNESCO World Cultural and Natural Heritage in 1993. More than 2000 buildings in Bamberg are listed architectural monuments, representing a wide spectrum of styles, such as Romanesque, Gothic, Baroque, and Classicism. Best known among these are the Cathedral (*Dom*), the churches *Obere Pfarre* and *St. Michael*, the New Residence (*Neue Residenz*), and the Old Town Hall (*Altes Rathaus*).

Bamberg today has a population of some 70.000 inhabitants. The city itself offers a large range of excellent music events, interesting theatre productions and numerous exhibitions.

Noteworthy are the world-famous Bamberg Symphony Orchestra concerts with internationally renowned performers in the new Concert Hall and the organ recitals in the Cathedral. In the world of sport, the basketball club Brose Baskets, one of the top teams in the German league for years, is also worth mentioning. The surrounding countryside, the „Fränkische Schweiz“, is ideally suited for excursions by car and for hiking trips. In winter, there is sufficient snow for cross-country skiing.

Further information: www.bamberg.de, www.fraenkische-schweiz.com

2.2 The University

The Otto-Friedrich University of Bamberg looks back on a varied history of more than 350 years. Founded in 1647 as the „Academia Ottonia“ by Bamberg's Prince Bishop Melchior Otto Voit von Salzburg, the institution first gained university status in 1735, when a Department of Law was established under Prince Bishop Friedrich Karl von Schönborn. In 1972, the modern university combined the former Philosophical and Theological College and the Teacher Training College to form an institution of higher education at university level („Gesamthochschule“). It was named University of Bamberg in 1979. Since 1988, it carries the name Otto-Friedrich-University, referring to its two important founding fathers.

The university is divided into four faculties:

- Department of Humanities
- Department of Human Sciences and Education
- Department of Social Sciences, Economics and Business Administration
- Department of Information Systems and Applied Computer Sciences

The University Library contains approximately 1.5 million volumes. It meets the demands of its users by being divided into departmental libraries assigned to the faculties. The library user has access via computer to the most important sources of academic information, thereby assisting the user in the task of worldwide bibliographical research.

The University of Bamberg offers a modern, specialized range of courses in classical humanities as well as in the field of social and economic sciences. The orientation towards the practical application of knowledge is a particular specialty of the courses offered in Bamberg and is even prevalent in the humanities. In addition to the extended range of languages offered at the university, the bachelor and master program European Economics, amongst others, with its various optional subjects, meets the requirements of practical application set by the present European and international situation. Currently approx. 13.000 students attend the University of Bamberg, among them more than 800 foreign students from over 60 countries worldwide. The university is engaged in more than 300 student exchange programs with partner institutions in more

than 60 countries.

Exchange students at Bamberg are offered special services: Housing is arranged for them in student residence halls which are run by external organizations, and they get a personal student tutor in the "Tandem-Program". In addition, a special three-week intensive German language and orientation course is offered in September resp. March prior to the start of the semesters in October and April, respectively. Furthermore, an excursion program is set up for them during the semester with inexpensive day and weekend trips to varying destinations.

The Department of Social Sciences, Economics and Business Administration

The *Department of Social Sciences, Economics and Business Administration* at the University of Bamberg grew out of a nucleus of Social Sciences in the late seventies. Officially founded in 1979 it is now the largest department of the University of Bamberg. Today the **department comprises a multitude of disciplines: Social Sciences, Political Sciences, Economics, Business Administration, Legal Sciences, and Statistics.**

At present, the *Department of Social Sciences, Economics and Business Administration* offers programs in Business Administration, Economics, Economic and Social Law, Social Sciences, Politics and other modules. The programs lead either to the *German University Bachelor's or Master's* degree. The department comprises 47 professorships, and numerous teaching and research assistants. A varying number of guest lecturers completes the department. About 5500 students enrolled in different programs.

The programs in Business Administration, Economics, Politics, and Sociology are scheduled to last 6 semesters (Bachelor) or 4 semesters (Master).

Please note that many courses at the *Department of Social Sciences, Economics and Business Administration* will be held in German. A list of the courses taught in English at our department can be found at the website of our International Office: <http://www.uni-bamberg.de/auslandsamt/studieren-in-bamberg/ich-moechte-nach-bamberg/mit-austauschprogramm/wie-bewerbe-ich-mich/#c186929>.

However, there is the opportunity of writing seminar papers or a Bachelor or Master thesis in English.

Although many courses are offered once a year, there are courses that are offered every three or four semesters only. Please look at the official course directory to ensure the availability of the program you want to attend!

Exams at the *Department of Social Sciences, Economics and Business Administration* take place after each semester. Tests are usually scheduled as follows:

<i>Semester</i>	<i>Written Examinations</i>
Winter Semester	February/March
Summer Semester	July/August

Should an ERASMUS student fail an exam, he or she is required to retake the exam on the scheduled date at the end of the following semester.

The exam mode for each course unit is indicated on the subject's descriptive page in this brochure and is compulsory.

Contact Addresses:

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www.uni-bamberg.de/sowi/studium/studium_international/

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international@uni-bamberg.de

www.uni-bamberg.de/international-office/

Academic Calendar:

The academic year 2025/2026 consists of two teaching periods:

Winter Semester: 13 October 2025 – 6 February 2026

Summer Semester: 13 April 2026 – 17 July 2026

www.uni-bamberg.de/studium/im-studium/studienorganisation/vorlesungszeiten/

Exams take place after the semester – see:

www.uni-bamberg.de/en/examinations-office/examination-dates/

2.3 Preparatory Course for International Students

Starting a few weeks before the beginning of the semester, we provide this course for all international exchange students. The Preparatory Course includes:

- Support by tutors (e.g. help with formalities, explanation of the course schedule, etc.)
- German lessons
- Official course opening
- Duration of course lessons: 3 weeks
- Course outline: 4 teaching units per day from Monday through Friday
- Getting ready for studying: Tutorials (e.g. introduction to the online registration systems, guided tours of the libraries), help with registration for the university as well as for classes, etc.
- Leisure programme: e.g. guided city tours, excursions, etc.

For successful participation, students can obtain 6 ECTS points. Regular attendance is required, i.e. if you miss classes more than twice without an excuse, you will not receive any ECTS points.

Although participation is voluntary, it is highly recommended, as exchange students will not only have the opportunity to meet each other, they will also improve their German language skills and cultural awareness. Registration for the Preparatory Course is part of the application process as an exchange student. Students must take a compulsory online placement test before the beginning of the course. The course fee of 250 € must be transferred before arrival.

Contact for general questions regarding the Preparatory Course: international@uni-bamberg.de

3 MODULE DESCRIPTIONS: FACULTY OF SOCIAL SCIENCES, ECONOMICS AND BUSINESS ADMINISTRATION

3.1 Module Description: Business Administration

3.1.1 Human Resource Management and Organisational Behaviour

Prof. Dr. Maike Andresen
Chair of Human Resource Management and Organisational Behaviour
Feldkirchenstraße 21
D-96052 Bamberg
Tel: +49 / 951 / 863-2571
sekretariat.bwl-personal@uni-bamberg.de
www.uni-bamberg.de/bwl-personal

Bachelor Program

Fundamentals of Human Resource Management [PM-B-01]

Grundlagen des Personalmanagements

Aims: responsibilities and functions of HRM; theoretical foundations of HRM; parameters of HRM; career management; personnel planning; recruitment and selection and integration of personnel; personnel placement; personnel development; leadership; personnel evaluation; compensation & benefits; personnel retention; downsizing, ethics and sustainability in HRM; performance management; talent management

- Language: German
- Semester: Winter semester
- Teaching Method: Undergraduate lecture and exercise
- ECTS: 6
- Examination: Written examination; duration: 60 minutes

Organisational Behaviour [PM-B-02]

Individual processes (perception, personality, attitudes and values, work motivation, learning); groups, teams and social processes (group dynamics and teams, communication; emotional intelligence; conflict management and negotiation; job satisfaction; power and politics); organisational structure and culture

- Language: English/German
- Semester: Summer semester
- Teaching Method: Undergraduate seminar and exercise
- ECTS: 6
- Examination: Portfolio; deadline: 14 weeks; recommended length: 10 pages; examination language: German or English **or** Written examination; duration: 60 minutes - **The determination of the examination format will take place in the first session.**

Diversity Management [PM-B-04]

Complexity of diversity: importance and dimensions of diversity, from diversity management to inclusion; diversity in the workplace – from a legal, economic and ethical perspective; paradigms of diversity management and foundations reg. the underlying philosophy of science; diversity management in theory and practice: gender diversity; age diversity; diversity reg. sexual orientation; ethnic and cultural diversity; diversity reg. physical abilities; relation between diversity and performance of individuals, teams, and organizations; diversity and controlling

- Language: German
- Semester: Winter semester

- Teaching Method: Undergraduate seminar and exercise
- ECTS: 6
- Examination: Term paper and presentation; presentation: duration approx. 15 minutes; term paper: recommended length 10 pages, deadline 15 weeks; **or** portfolio and presentation; presentation: duration approx. 15 minutes; recommended length: 10 pages, deadline: 14 weeks; language of assessment: German or English - **The determination of the examination format will take place in the first session.**

Human Resource Development [PM-B-06]

A. Personnel development: qualification, competence, meta-competence and performance; learning theories; creativity and innovation; strategic and systematic personnel development; *B. Career development:* career, career development, career path and individual career management; instruments and approaches of organisational career management, including psychological contracts, idiosyncratic agreements, talent management, instruments and approaches of individual career development, career goals, success and anchors; *C.*

Organisation of personnel development

- Language: English/German
- Semester: Summer semester
- Teaching Method: Undergraduate seminar and exercise
- ECTS: 6
- Examination: Portfolio; recommended length: 10 pages, deadline: 14 weeks; **or** Term paper and presentation; presentation: duration approx. 15 minutes; term paper: recommended length 10 pages, deadline 15 weeks; language of assessment: German or English - **The determination of the examination format will take place in the first session.**

Additional courses: See webpage <https://www.uni-bamberg.de/en/bwl-pm/studies-hrm/courses/>

Master Program

The Future of Work [PM-M-02]

Precondition for participation: Solid fundamental knowledge of “human resource management”, gained within a Master program of study

Introduction to yearly changing topics related to future challenges for human resource management; reviewing introductory literature to selected areas of application in HRM connected to future challenges (such as leadership); review of empirical studies on the selected matters; identification of research gaps; development of a concept for further empirical research; acquisition of competencies in argumentation techniques

- Language: English
- Semester: Winter semester
- Teaching Method: Graduate seminar and exercise
- ECTS: 6
- Examination: Term paper and presentation; presentation: duration approx. 15 minutes; term paper: recommended length 10 pages, deadline 15 weeks; examination language: English

International Dimensions of Human Resource Management [PM-M-03]

Precondition for participation: Solid fundamental knowledge of “human resource management”, gained within a Master program of study

Defining International Human Resource Management (peculiarities in international vs. national HRM; the organisational context in the path to global status); Cross-Cultural Human Resource Management (the impact of national culture on selected fields in HRM, models of intercultural competence); Comparative Human Resource Management (national differences in selected field of HRM); Human Resource Management in MNCs (strategic IHRM: e.g. centralisation vs. localisation, transfer of HR instruments between headquarters and foreign subsidiaries; international resourcing strategies and expatriation, international training and development)

- Language: English

- Semester: Summer semester
- Teaching Method: Graduate seminar and exercise
- ECTS: 6
- Examination: Written examination; duration: 60 minutes; examination **or** Portfolio; deadline: 14 weeks; recommended length: 10 pages; language: English - **The determination of the examination format will take place in the first session.**

Research Seminar Human Resource Management [PM-M-04]

Forschungsseminar Personalmanagement

Precondition for participation: Solid fundamental knowledge of “human resource management”, gained within a Master program of study

Introduction to the yearly changing overall research topic; literature research; developing a research question; definition of research aims; how to write a literature review; developing an empirical concept (methods for data collection, sampling, research design, data analysis, presentation of results, discussion); how to write a research report and present research results

- Language: English/German
- Semester: Summer semester
- Teaching Method: Graduate seminar and exercise
- ECTS: 6
- Examination: Term paper and presentation; presentation: duration approx. 15 minutes; term paper: recommended length 10 pages; deadline 14 weeks; **or** Portfolio; deadline: 14 weeks; recommended length: 10 pages; language of assessment: German or English - **The determination of the examination format will take place in the first session.**

European Human Resource Management Programme A [PM-M-11a], B [PM-M-11b], C [PM-M-11c]

Precondition for participation: Solid fundamental knowledge of “(international) human resource management”, gained within a Master program of study

Participation requires application by end of November at the chair; limited number of participants; the three modules A, B, and C belong together and cannot be taken individually.

Context and Strategy of human resource management (HRM) (Competitive environments: political, economic, socio-cultural, technological contexts; the challenges of globalisation; strategic international HRM (SIHRM): configurations of multi-national corporations (MNCs); (national) culture and diversity);

HRM Policies and Practices within MNCs in Europe (International management development; expatriation and international mobility; international compensation and benefits; performance management in Europe; HRM in cross-border mergers & acquisitions; IHRM information systems; review of main theories of cross cultural management; cross-cultural team building; creative production of cross-cultural experiences, on-site visit of a MNC);

European Business Systems and the Institutional Dimension (HR specificities in Eastern European countries; national business systems within the EU; the institutional framework for EU social policy; European employment legislation; roles of the social partners within the European Union; European social policy and HRM; the changing European work force: implications of European enlargement for HRM; developments and future trends - e.g. the world of work in the XXIst century; familiarisation with EU institutions through visits, meetings and discussions on location in Brussels; the industrial relations context; European convergence and divergence);

Cross-Cultural Team Work in Major Multinational Companies (preparation for team-work and interaction with company leadership; debriefing with company leadership and international faculty);

Preparation for project work (consultancy skills; research methodologies for international HRM; project planning; training to improve performance, leadership and motivation competences; reflexivity)

Further information: <https://www.ehrm-programme.com>

- Language: English
- Semester: Summer semester
- Teaching Method: Graduate seminar

- ECTS: 18 ECTS [PM-M-11a], 6 ECTS [PM-M-11b], 6 ECTS C [PM-M-11c]
- Examination: Term paper and presentation; presentation: duration approx. 65 minutes; term paper: deadline 14 weeks; language of assessment: English

Change Management [PM-M-06]

Precondition for participation: Solid fundamental knowledge of “human resource management”, gained within a Bachelor program of study

Change as a managed process; theories of change management; recognising and diagnosing the need for change; the people side of change (leadership, stakeholders, communication; resistance; transition); change planning and change interventions; implementing and sustaining change

- Language: English
- Semester: Winter semester
- Teaching Method: Graduate seminar and exercise
- ECTS: 6
- Examination: Written examination; duration: 60 minutes; examination **or** Term paper and presentation; presentation: duration approx. 15 minutes; term paper: recommended length 10 pages, deadline 15 weeks; language: English - **The determination of the examination format will take place in the first session.**

Strategic Human Resource Management [PM-M-08]

Strategisches Personalmanagement

Precondition for participation: Solid fundamental knowledge of “human resource management”, gained within a Bachelor program of study

Basic understanding of the overall business connections (business model, business processes); development of a business strategy; conceptual framework for the development and design of HR strategies; analysis of internal and external influencing factors; definition of goals and key performance indicators; strategic fields like compensation strategies, HRD and talent strategies, branding strategies, communication and change management

- Language: German
- Semester: Summer semester
- Teaching Method: Graduate seminar and exercise
- ECTS: 6
- Examination: Term paper and presentation; presentation: approx. 15 minutes; term paper: recommended length 10 pages, deadline: 14 weeks

Presentation and Moderation [PM-M-09]

Präsentation und Moderation

Basic tools to facilitate group meetings; learn and practice how to present; *Presentation:* Preparing presentations, introducing presentations, main part of a presentation design, design the conclusion of a presentation; *Moderation:* Learning the role of the moderator, preparing for moderation, designing the moderation cycle, follow up moderation

- Language: German
- Semester: Summer semester
- Teaching Method: Graduate seminar
- ECTS: 6
- Examination: Term paper and presentation; presentation: approx. 15 minutes; term paper: recommended length 10 pages, deadline: 14 weeks

Leadership and Management Development [PM-M-10]

Precondition for participation: Solid fundamental knowledge of “human resource management”, gained within a Bachelor program of study

Leading and managing in organisations, leadership and management development; leader traits and skills; perspectives on effective leadership behaviour; contingency theories of effective leadership, power and

influence; interaction theories of effective leadership, leader-member exchange theory; charismatic and transformational leadership; authentic leadership and romance of leadership; leading teams; developing leaders and leadership skills; a systems perspective on leadership development; strategy and leadership and management development; role and functioning of corporate universities for leadership and management development; criteria for and methods of effective leader development programs; leadership and management development and social capital; development of leaders and managers in small and medium-sized enterprises

- Language: English
- Semester: Winter semester
- Teaching Method: Graduate seminar and exercise
- ECTS: 6
- Examination: Portfolio; recommended length: 10 pages; deadline: 15 weeks; **or** Term paper and presentation; presentation: duration approx. 15 minutes; term paper: recommended length 10 pages, deadline 15 weeks; language of assessment: English - **The determination of the examination format will take place in the first session.**

Additional courses: See webpage <https://www.uni-bamberg.de/en/bwl-pm/studies-hrm/courses/>

3.1.2 Betriebliche Steuerlehre

Prof. Dr. Thomas Egner
 Lehrstuhl für Betriebswirtschaftslehre,
 insbes. Betriebliche Steuerlehre
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 D-96052 Bamberg
 Tel: +49 / 951 / 863-2708
thomas.egner@uni-bamberg.de
www.uni-bamberg.de/bwl-bsl

Bachelor Program

Prerequisites: Basic knowledge and understanding of theories and concepts in business administration and management.

Introduction to Business Administration

Einführung in die Betriebswirtschaftslehre

Theory of firms; Corporate objectives; Management theory; Constitutive decisions; Basics of corporate functions (e.g. marketing, finance, production)

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 6

Basics of Business Taxation

Grundlagen der Unternehmensbesteuerung

Survey of the domestic tax system; Survey of business tax system; Procedure of taxation (Fiscal Code); German income tax

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 6

Business Taxation I: Types of Taxes*Unternehmensbesteuerung I: Steuerarten*

Survey of types of taxes; Corporation income tax; Trade tax; Inheritance and gift tax; Value added tax

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Business Taxation II: Tax Planning*Unternehmensbesteuerung II: Steuerplanung*

Taxation effects on firms' decision-making; Impact of taxation on decisions related to investment and finance; Tax risk management; Audit by the fiscal authorities

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

International Business Taxation I: Tax Systems*Internationale Unternehmensbesteuerung I: Steuersysteme*

Comparison of tax systems; Tax harmonization and tax competition in the EU; EU-Value-added-tax-system; Jurisdiction of the European Court of Justice

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Master Program

Business Taxation III: Company Taxation and Legal Form*Unternehmensbesteuerung III: Rechtsformorientierte Unternehmensbesteuerung*

Prerequisites: Bachelor degree

Company tax systems; Taxation of sole trader and partnerships; Taxation of corporations; Effective tax burden of domestic companies

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Business Taxation IV: Tax Bases*Unternehmensbesteuerung IV: Systeme steuerlicher Gewinnermittlung*

Prerequisites: Bachelor degree

Conceptual basics concerning the tax balance sheet legislation; Relationship between financial accounting and tax accounting; Tax balance sheet policy; Cash-flow based tax systems

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

International Business Taxation II: Taxation of Cross-Border Activities*Internationale Unternehmensbesteuerung II: Besteuerung internationaler Unternehmensaktivitäten*

Prerequisites: Bachelor degree

International tax policy strategies; Taxation of outbound investments; Taxation of inbound investments; Double taxation and double tax relief mechanisms

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Tax Management

Prerequisites: Bachelor degree

Tax implications of business decisions in an international context; digitalization; income taxes and excise duties

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture/seminar
- ECTS: 6

3.1.3 International Accounting and Auditing

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Bachelor Program

Bookkeeping*Buchführung*

Prerequisites: None

This module introduces the basic principles of financial accounting and preparation of the annual financial statement. Posting essential business transactions as well as profit and loss accounting will be explained and practiced in corresponding tutorials and practice sessions.

Key learning topics are:

Concept and functions of accounting; Operands in accounting; Basic legal principles; Relationships between Inventory, balance sheet and income statement; Basic principles of double-entry bookkeeping: account entries, organization of accounts, booking in T-accounts; Booking in company operating divisions (particularly: movement of goods, production, personnel, fixed assets, financial issues); Preparation of financial statements (accruals, depreciation, reserves, non-corporate accruals)

- Language: German
- Semester: Winter Semester
- Teaching Method: Lectures, seminar-like tuition, tutorials
- ECTS: 6

Accounting in accordance with the German Commercial Code

Rechnungslegung nach HGB

Prerequisites: None, but prior bookkeeping knowledge is strongly recommended.

In this module, the basic principles of Commercial Accounting together with Tax Accounting will be taught and current variations of accounting strategies will be discussed. In the corresponding practice sessions, knowledge acquired will be applied through practical case studies.

Key learning topics are:

Functions of business accounting; Legal basis for the preparation of business accounts in Germany; Basic elements of accounts reporting; Reporting of fixed assets; Reporting of current assets; Reporting of equity capital; Reporting of debt capital; Deferred taxation; Accruals and deferred income; Profit and loss accounting; Notes; Management report; Filing and auditing

- Language: German
- Semester: Summer Semester
- Teaching Method: Lectures, seminar-like tuition, tutorials
- ECTS: 6

Accounting in accordance with IFRS – Basics

Rechnungslegung nach IFRS - Grundlagen

Prerequisites: None, but knowledge of Accounting and Auditing in accordance with the German Commercial Code is strongly recommended.

In this module, the process of international harmonization of external accounting in Germany as well as the institutional and normative basic principles of accounting in accordance with IFRS will be taught. In the corresponding practice sessions, knowledge acquired will be applied through practical case studies.

Key learning topics are:

Influencing environmental factors affecting financial reporting systems; The process of internationalizing financial reporting in Germany; History, organization and functioning of the IASB; Framework of the IASB

Components of IFRS financial statements; Essential provisions of the IFRS with regard to balance sheet information, evaluation and disclosure; Principles of consolidated financial statements in accordance with IFRS

- Language: German
- Semester: Winter Semester
- Teaching Method: Seminar-like tuition: Normative issues, seminar-like tuition: Case studies
- ECTS: 6

Auditing and Corporate Governance

Wirtschaftsprüfung und Corporate Governance

Prerequisites: None, but knowledge of bookkeeping and accounting according to the German Commercial Code is strongly recommended.

In this module, theoretical and normative principles of financial statements auditing are introduced and placed in the context of corporate governance. On the basis of case studies, knowledge acquired will be applied within smaller groups to selected audit areas.

Key learning topics are:

Integration of financial statements auditing into the system of corporate governance; Theoretical and normative principles of auditing financial statements; Risk-based auditing approach; Commissioning and audit planning; Audit evidence and procedures; Verdicts, reporting and audit documentation; Quality assurance and external quality control

- Language: German
- Semester: Summer Semester
- Teaching Method: Lectures, seminar-like tuition
- ECTS: 6

Master Program

Business Valuation and Analysis

Unternehmensbewertung und -analyse

Prerequisites: A Bachelor's Degree is normally required. Knowledge of accounting in accordance with the German Commercial Code and IFRS is strongly recommended.

In this module, theoretical basic principles of key figure analysis and business valuation are taught. In the corresponding practical sessions, knowledge acquired will be applied through analyses of business assets, financial position and earnings. Students will also carry out business valuation and practice making investment decisions.

Key learning topics are:

Principles of investment appraisal; Principles of business valuation; Basic principles of financing theory
Financial statement analysis; Techniques for strategic balance sheet analysis; Fundamental methods of forecasting; Incorporation of current research

- Language: German
- Semester: Winter Semester
- Teaching Method: Seminar-like tuition: Conceptual issues, seminar-like tuition: Case studies
- ECTS: 6

Group Accounting in accordance with the German Commercial Code and IFRS

Konzernrechnungslegung nach HGB und IFRS

Prerequisites: A Bachelor's Degree is normally required. Knowledge of accounting in accordance with the German Commercial Code and IFRS is strongly recommended.

In this module, theoretical and in-depth normative knowledge of group accounting in accordance with the German Commercial Code and IFRS will be taught and applied through practical exercises using actual case studies.

Key learning topics are:

Necessity and significance of consolidated financial statements; Foundations and principles of group accounting; Statutory need to prepare financial statements and consolidation; Preparation of consolidated financial statements (from HB I to HB II); Consolidation measure; Deferred taxes in consolidated financial statements; Special features of international consolidated financial statements; Notes and management report; Cash flow statement; Equity statement; Segment reporting; Filing and auditing requirements

- Language: German
- Semester: Winter Semester
- Teaching Method: Seminar-like tuition: Normative issues, seminar-like tuition: Case studies
- ECTS: 6

Accounting in accordance with IFRS – Advanced

Rechnungslegung nach IFRS - Vertiefung

Prerequisites: A Bachelor's Degree is normally required. Knowledge of accounting in accordance with IFRS is strongly recommended.

This module concentrates on key approaches in empirical accounting research, deepens knowledge of IFRS accounting standards and discusses a selection of special problems. Knowledge acquired will be reinforced by use of case studies.

Key learning topics are:

Organization of the IASB; Conceptual framework of the IASB; Empirical accounting research; Accounting for deferred taxes in accordance with IFRS; Special questions of accounting for tangible assets in accordance with IFRS; Special questions of accounting for intangible assets in accordance with IFRS; Accounting for hedge accounting in accordance with IFRS; Accounting for pension provisions in accordance with IFRS; Accounting for share-based payments in accordance with IFRS; Special problems to do with revenue recognition; Current

projects of the IASB

- Language: German
- Semester: Summer Semester
- Teaching Method: Seminar-like tuition: Normative issues, seminar-like tuition: Case studies
- ECTS: 6

Financial Statement Analysis

Financial Statement Analysis

Prerequisites: A Bachelor's Degree is normally required. Intermediate knowledge of financial accounting is highly recommended.

The objective of the course is to help students become advanced readers of the financial statements. The course focuses on the analysis and use of these reports, especially through specific techniques that allow comparison over time and across firms.

- Language: English
- Semester: Winter Semester
- Teaching Method: Advanced seminar
- ECTS: 6

Research Seminar about International Accounting and Auditing

Forschungsseminar zur Internationalen Rechnungslegung und Wirtschaftsprüfung

Prerequisites: A Bachelor's Degree is normally required. Knowledge of accounting in accordance with the German Commercial Code and IFRS is strongly recommended.

The module deals with current questions concerning national and international accounting, auditing and further accounting-relevant themes from the teaching and research program of the department.

- Language: German
- Semester: Summer Semester
- Teaching Method: Advanced seminar
- ECTS: 6

Research Seminar Sustainability Reporting

Research Seminar Sustainability Reporting

Prerequisites: A Bachelor's Degree is normally required. Knowledge of accounting in accordance with the German Commercial Code and IFRS is strongly recommended.

The module deals with current questions concerning sustainability reporting and further accounting-relevant themes from the teaching and research program of the department.

- Language: English
- Semester: Winter Semester
- Teaching Method: Advanced seminar
- ECTS: 6

Business acquisition and valuation – A practical example

Unternehmenskauf und Bewertung – Ein Praxisbeispiel

Prerequisites: A Bachelor's Degree is normally required. Knowledge of accounting in accordance with the German Commercial Code and IFRS is strongly recommended.

In this module, the theoretical principles of business valuation will be taught and presented in the context of financial statements year-end accounts auditing and purchase price allocation. Knowledge acquired will be applied using selected themes within smaller groups.

Key learning topics are:

Theoretical basic principles of business valuation; Accounting for shares in affiliated undertakings and participating interests in separate and consolidated financial statements; Basic principles of purchase price allocation in accordance with IFRS; Valuation methods in the context of purchase price allocation; Subsequent

accounting: Impairment of assets

- Language: German
- Semester: Summer Semester
- Teaching Method: Advanced seminar
- ECTS: 6

Understanding and employing body language

Körpersprache verstehen und einsetzen

Prerequisites: A Bachelor's Degree is normally required.

The objective of this course is to improve your general presentation skills in order to be as authentic and present as possible. Special exercises from the field of neuro-linguistic programming and methods from theatre practice will be used.

Key learning topics are:

Explore the meaning of body language; Voice training and language education; Appropriate use of voice and body language; Fostering self-confidence for a self-assured appearance in presentations and meetings.

- Language: German
- Semester: Winter Semester
- Teaching Method: Seminar
- ECTS: 6

Communication training

Kommunikationstraining

Prerequisites: A Bachelor's Degree is normally required.

In this module, students are introduced to various models as well as content and relationship aspects of communication. Practical exercises take place in groups. Within this context, the participants learn to deal with difficult conversation situations and develop problem-solving concepts.

Key learning topics are:

Get to know and apply basic knowledge of conversation and conflict management; Recognize that an integrative conversation depends on the inner attitude how we encounter people; Understand that successful conversation is not an application of manipulative "tricks"; Reflect and further develop your own conversational behavior on the basis of selected topics.

- Language: German
- Semester: Summer Semester
- Teaching Method: Seminar
- ECTS: 6

3.1.4 Innovation Management

Univ.-Prof. Dr. Alexander Fliaster
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General Information:

Several lectures need a registration. Please inform yourself about the latest dates in the internet (<http://www.uni-bamberg.de/bwl-inno> or <http://univis.uni-bamberg.de/>).

Bachelor Program

Inno-B-01: Introduction to Innovation Management

Grundlagen des Innovationsmanagements

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Innovation-based competition; Definition and main types of innovation; Paradigms of innovation management and main streams in the organizational innovation research; Generation of innovations: Innovation as combination; Intra-organizational actors: Innovation champions, gatekeepers and promoters; External actors: Involvement of lead users; Innovation and entrepreneurship: Creation of new industries through business model innovations

- Language: German
- Semester: Winter and Summer term
- Teaching Method: Lecture & tutorial, multimedia-based case studies
- ECTS: 6

Inno-B-02: Knowledge Strategies in International Companies

Knowledge Strategies in International Companies

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Knowledge-based economy and its challenges from the managerial perspective; Main goals of knowledge management; Classification of knowledge from the managerial perspective; Unidimensional and multidimensional knowledge strategies in organizations; Organizational knowledge management systems; Main knowledge processes in organizations: knowledge sharing, creation, and retention

- Language: German (case studies and videos in German and English)
- Semester: Summer term
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

Inno-B-03: Strategic Business Management: The Innovation Perspective

Innovationsorientierte Unternehmensführung

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Business model, value creation, and firm performance; Competitive forces, generic and hybrid competitive strategies, and sustainable competitive advantages; Organizational innovation cockpit; Dynamic model of product and process innovation; Modular and architectural innovations; Sustainable and disruptive innovations; Business model innovations

- Language: German (case studies and videos in German and English)
- Semester: Winter term
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

Master Program

Inno-M-01: Innovation in Networks

Innovation in Netzwerken

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistant

Prerequisites: Bachelor degree

Value drivers of social capital and their impact on innovation at different levels from an interdisciplinary, management-oriented perspective; concept, phases and actors of innovations; Fundamentals of SNA; Social network and social capital: conceptual delimitations and levels of analysis; Core dimensions of social embeddedness and value drivers of social capital; Linkages between social and human capital; Linkages between social networks and formal organisational structures; Innovation in networks: Individual perspective,

dyadic perspective, team perspective, organisational perspective, and interorganisational perspective.

- Language: German
- Semester: Summer term
- Teaching Method: Seminar, multimedia-based case studies
- ECTS: 6

Inno-M-02: Innovation and Collaboration: Management of intra- and interorganizational innovation interfaces

Innovation und Kollaboration: Management von intra- und interorganisationalen Innovationsschnittstellen

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistant

Prerequisites: Bachelor degree

Importance of collaboration for innovation and competitive success; definitions and forms of collaboration; selected theories of collaboration; selected core areas of collaboration; application of management approaches to current fields of collaborative innovation management

- Language: German
- Semester: Summer term
- Teaching Method: seminar, multimedia-based case studies and learning simulation
- ECTS: 6

Inno-M-03: Implementation and Diffusion of Innovations

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Prerequisites: Bachelor degree

Definitions, key strategies, and process theories of organizational change; Resistance to innovations: levels, sources, manifestations, and impact; Implementation and diffusion of innovation from the stakeholder management perspective; Diffusion of innovations theory: The market perspective; Implementation of innovations in organizations (*Learning Simulation*); Confronting the knowing-doing gap; Implementation of innovations in organizations: Key approaches and managerial tools to overcome the resistance

- Language: English
- Semester: Winter term
- Teaching Methode: Lecture, multimedia-based learning simulation, case studies, learning videos
- ECTS: 6

Inno-M-04: Organizational Crisis Management

Organisationales Krisenmanagement

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistant

Prerequisites: Bachelor degree

Systematisation of crises and the challenges for crisis management in companies; tasks, phases, organisational anchoring and main actors of crisis management; leadership in crisis situations; organisational core competences in crisis management and the strategies of crisis management; crisis management as stakeholder management; risk management and crisis prevention measures; management of innovation-related crises; organizational resilience

- Language: German
- Semester: *Winter term*
- Teaching Method: Seminar, case studies, learning videos
- ECTS: 6

Inno-M-05: Research Seminar on International Innovation Strategies

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Prerequisites: Bachelor degree

Challenges of innovation-based global competition; Innovation strategies and their building blocks; Innovation strategies, competitive strategies, and competitive advantages; Stakeholder management and innovation; The

Blue Ocean strategy and value innovation; Disruptive innovations; Business model innovations in global companies; Innovations at the bottom of the pyramid; Innovations in selected industry sectors (e.g. energy industry)

- Language: English
- Semester: Winter term
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

Inno-M-06: Organizational Innovativeness and Creativity

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Prerequisites: Bachelor degree

Need for business creativity and the definitions of creativity from the psychological and managerial perspective
Impact of creativity and innovation on sustainable competitive advantages
Knowledge combination as the key mechanism of business creativity
Confluence approaches to the study of creativity and the role of individuals and social environment
Key components of individual creativity and the team creativity
Supportive work environment, innovation climate, and the key managerial approaches to encourage creativity and innovation in organizations

- Language: English
- Semester: Summer term,
- Teaching Method: Lecture, case studies, learning videos

Inno-M-08: Strategic Technology Management

Strategisches Technologiemanagement

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Prerequisites: Bachelor degree

Technology strategies in organizations; Methods of technology acquisition; Main tools of technology and R&D management: Technology lifecycle, S-curve, portfolio management; Stage-gate approach; Technology Marketing; Digital technologies and challenges of digital transformation,

- Language: German (case studies and learning videos in German and English)
- Semester: Winter term
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

Inno-M-09: Management of Sustainable Innovations

Main Lecturer: Prof. Dr. Alexander Fliaster; Academic research assistants

Prerequisites: Bachelor degree

Definitions of sustainability and sustainable innovations; The SDG/TBL perspective and the stakeholder value perspective on corporate sustainability; Business models for sustainability and sustainable business model innovation; Sustainability shift, competitive strategies, and carbon neutrality (case Ferrari); Sustainability shift and stakeholder management (case Windfarm); Sustainability shift, the Triple-Bottom-Line, and management of organizational change (case Unilever)

- Language: English
- Semester: Summer term
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

3.1.5 Strategy and Organization

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Bachelor Courses

Strategy and Competition [Org-B-04]

This course deals with the strategic management of firms. In particular, we will largely focus on competitive strategy on the level of the business unit or the single firm. We will discuss in-depth, how the competitive environment shapes the profitability in particular market segments and how firms may achieve competitive advantage. While based on contemporary strategy theory, the course is highly practical in nature. Throughout the term you will have the opportunity to apply strategy concepts and theories to real case examples.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Organization: Theory and Practice [Org-B-05]

Organisation: Theorie und Praxis

This module deals with the fundamental challenges faced by organizations: Why do organizations find it so incredibly hard to adapt to changing environments? Do we need bureaucracy? How are decisions being made? Why do 'second movers' often have advantages over 'first movers'? Based on these challenges we will discuss a number of key theoretical debates in organization theory: coordination, change, legitimacy, hierarchy, organizational structure and routines.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Grand Challenges: Organizational Perspectives and Response [Org-B-06]

This seminar draws on the recent advances in organization theory in order to discuss some of the most important challenges we are facing today. This will involve large-scale corporate fraud, the banking crisis, catastrophes and natural disasters, climate change, poverty in emerging economies, refugees and immigration. Addressing these challenges is a societal, political, economic but also 'organizational' issue. They are issues that require the collaboration of multiple organizational entities across different countries with very different agendas and traditions. As part of the course (and for your assignments), you will engage in-depth with a particular 'grand challenge' as well as a particular theoretical perspective.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Internationalization: Strategy and Organization [Org-B-07]

Internationalisierung: Strategie und Organisation

The focus of this seminar is the application-oriented discussion of market entry and market development strategies of companies. The theoretically grounded course content draws heavily on case studies from international businesses and short presentations from students.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture/seminar
- ECTS: 6

Master Courses

Corporate Strategy and Growth [Org-M-05]

This course deals with strategic questions of diversified conglomerates and particularly questions of growth. The course complements strategy courses that deal with competitive/ business level strategy. While 'business level strategy' is concerned with the sources of competitive advantage in a particular industry, corporate level strategy is concerned with the very scope of the firm:

Which businesses should be part of the group and in which countries and regions? How does the group manage the relationship between those businesses in order to achieve synergy? What is the role of corporate headquarters? How should the firm grow? What is the role of M&A and strategic alliances? The module prepares students for careers in large, global companies as well as for jobs in strategy consulting and international professional service firms.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Strategic Renewal and Organizational Transformation [Org-M-06]

This course deals with the challenge of strategic renewal and organizational transformation. We will discuss the challenges behind radical transformation, the triggers as well as the underlying mechanisms and actors. This is a highly interactive course. Rather than on traditional lectures, this course is entirely based on cases as well as role-plays as main pedagogical tools. The objective of the course is to give you the opportunity to 'experience' the complexity of strategy making in a university setting. The course will discuss the following key areas: Why do firms only change when it is almost too late? How do new strategies come about? Why do firms find it hard to change? How do firms react to external change? What are the types and mechanism of strategic renewal? How does strategic renewal unfold under distress and financial decline? How is strategic renewal influenced by the organizational context?

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Qualitative methodology in strategy and organization research [Org-M-08]

The course takes a process view of qualitative research. A process that goes from the establishment and negotiation of research access, to the collection and analysis of qualitative data through to the writing up of your findings as part of your thesis. Please consider this course a vital preparation for your Master dissertation. The course is designed in a highly practical way. While we will deal with some foundational questions of the philosophy of science the course is very applied. As part of the course you will have ample opportunity to apply different techniques in practice. Topics include: Philosophy of science: Epistemological and ontological perspectives, research design and data collection, reading research articles and organizing your reading, case based designs (single, comparative, nested), interview techniques, observation, ethnography, data analysis (inductive, deductive and abductive forms), coding qualitative data, data display and trail of evidence, academic writing

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

3.1.6 Economics and Business Education

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Bachelor Program

Introduction to scientific working methods

GwA: Grundlagen des wissenschaftlichen Arbeitens

The aim of this module is to equip students with the skills and techniques necessary to successfully master their degree as well as to meet the demands of professional life. Amongst other things, students will learn how to effectively search for literature and how to structure and compose scientific texts. Furthermore, the students will get an idea of the foundations of empirical research methods. The practical applications are backed by the corresponding concepts of philosophy of science. This module is especially designed for freshmen.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar (e-learning)
- ECTS: 6

Design of Learning and Work

GLA: Gestaltung von Lern- und Arbeitsprozessen

The module Design of Learning and Work provides an introduction to the fundamentals of learning and working in professional fields of activity. Central concepts, theories and empirical results of learning and working from business and industrial education as well as their reference disciplines of psychology, business administration and pedagogy are included. Emphasis is placed on psychological and pedagogical principles of learning and teaching, workplace learning in the sense of the connection between working and learning, as well as modern competence development concepts such as mentoring, on-boarding, management development or coaching. The accompanying exercise enables a more in-depth examination of selected content and focus areas.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture and Seminar
- ECTS: 6

Governance of educational processes

SBP: Steuerung von Bildungsprozessen

The analytical perspective of Educational Governance considers the steering and modernization processes of the educational system as a complex social system. The steering processes as well as the effects of reforms and innovations in vocational education and training, which are developed and initiated both nationally and from the European side, are central contents of this module. Students become familiar with different governance

mechanisms (e.g. hierarchy, market, network) and stakeholder constellations in the (vocational) education system and critically engage with the corresponding theoretical concepts for the analysis and evaluation of governance problems. In addition, students reflect in this module on the (steering) functions of the vocational education system, especially against the background of the Europeanization of vocational education and training. With reference to current national as well as European governance problems, they develop strategies and concepts for the design of vocational education and training in the company and school context. They use various theories and models to analyze and explain governance processes in vocational education and critically reflect on their effects.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture and Seminar
- ECTS: 6

Multimedia learning environments

MLU: Multimediale Lernumgebungen

This module provides an overview of theoretical foundations, historical developments and current trends in learning with digital media. While the main focus is put on instructional and didactical design, we will also address technical and organizational issues.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 6

Educational Management

BBM: Betriebliches Bildungsmanagement

This module deals with tasks and roles of corporate education as intersection between business studies and business education. The core issues for example are individual learning and learning in groups, required competencies of the education manager, modes of advanced or further education and training and cetera.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar (e-learning)
- ECTS: 6

Master Courses

Learning and Instruction in Business Education

DDW: Didaktik der Wirtschaftswissenschaften

The aim of the module is to promote a science-based approach to the implementation of complex learning environments in economic contexts. Whereas the lecture addresses strategic knowledge about the instructional design of learning environments, students work on specific problem settings is done by addressing learning scenarios in the exercise course.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar (e-learning)
- ECTS: 6

Research in Learning and Instruction

FWP: Forschungsmethoden der Wirtschaftspädagogik

The module enables students to go through the research-logical sequence of research processes regarding teaching and learning. Besides theoretical basics, methods of analysis for qualitative and quantitative data material are applied to existing data material and the results are evaluated regarding their reliability and scope. Furthermore, an introduction to the necessary information technology support systems (e.g., SPSS or

MaxQDA) in research is taking place.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Learning and Teaching with digital technologies

LLDM: Lernen und Lehren mit Digitalen Technologien

As a result of the digital transformation and the accompanying changes in the professional world and in society, the potentials of digital media for the design of teaching and learning processes also are of growing importance. In the module Learning and Teaching with Digital Media and artificial intelligence students work on problems concerning the digital design of teaching and learning processes (e.g. with vocational schools and companies). The problem solving is supported by input and consulting phases in which the students learn the basics as well as the functions of media in teaching-learning processes as well as the connection of action- and media-orientation in educational processes (LERN-Model) are explained. In addition to the creation of digital learning environments, information platforms and other concepts, the focus will be on one's own actions and the actions of learners in the digital transformation.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 6

Teaching professionalism

PB: Professionalisierung von Bildungspersonal

The professionalization of educational personnel is examined against the background of theoretical concepts as well as empirical findings on the requirements for professional action of educators in company and school contexts. The focus lies on the area of commercial training. Students learn to understand theoretical models and the state of the art of research on competencies of teachers, the quality of school-based and in-company training, as well as organizations and structures of the educational system as determinants of the quality of learning processes and learning success. Students will be required to address selected problems related to the quality of teaching in school and company contexts and to draw implications for their own actions in an evidence-based and case-oriented manner.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 6

Human Resource Education

BP: Betriebspädagogik

This module focuses on teaching and learning processes in companies as well as lifelong learning (especially non-formal and informal learning). Furthermore, the group of adult learners are of central interest in this module. Due to the increasingly dynamic development of knowledge and competences, as well as the changing working environment, training and development processes in companies are becoming essential for entrepreneurial success. In the future, great importance will be attached to individualised and guidance-oriented forms of teaching and learning close to the workplace. The module familiarises students with learning and development processes in organisational contexts as well as their pedagogically founded implementation. Central to the module is the question of how knowledge and competences can be imparted in a company, how the corresponding learning processes can be designed and how their results can be evaluated with regard to their effectiveness.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Advanced scientific working methods

FwA: Fortgeschrittenes wissenschaftliches Arbeiten

The aim of this module is to develop a solid understanding about basic positions of diverse scientific theories and working methods. Aiming the master thesis students keep themselves busy with all necessary procedures as investigation and evaluation of literature.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 6

International Vocational Education

IB: Internationale Berufsbildung

In this module, the societal, structural and institutional framework conditions of vocational education and training are discussed from an international comparative perspective. In doing so, the performance of vocational education and training systems is put in relation to the corresponding institutional and structural framework conditions on the basis of selected criteria (equal opportunities, permeability, innovativeness, recognition of qualifications and competencies). Furthermore, current structures and developments in international vocational education and training policy are examined from a scientific perspective.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

3.1.7 Sales and Marketing

Prof. Dr. Björn Ivens

Full Professor of Sales and Marketing & Head of the Sales and Marketing Department

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Bachelor Program

Sales and Marketing Management

Sales and Marketing Management

An introduction to market-related management tasks. Covers fundamental topics such as market- and customer-orientation, marketing strategy, the marketing mix, marketing intelligence, and administrative decisions in marketing.

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Strategic Brand Management

Strategic Brand Management

Presents the scope of brands and brand management, the process of segmentation, targeting, positioning, and different strategic concepts, such as brand architecture and brand controlling.

- Language: English

- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Global Marketing

Global Marketing

Challenges of marketing on international markets with regard to market selection and market entry; market research and application of marketing instruments within the international context.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Introduction to Marketing Intelligence

Introduction to Marketing Intelligence

Conducting market research projects and linking them to internal market data in order to support sales and marketing decision making.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Business-to-Business-Markets (Online Course Virtuelle Hochschule Bayern (vhb, <https://www.vhb.org/en/>))

Business-to-Business-Märkte (Online-Kurs der virtuellen Hochschule Bayern (vhb, <https://www.vhb.org/en/>))

This online course covers structure and processes of Business-to-Business-Markets, which differ substantially from Business-to-Consumer-Markets. Further concepts, such as the ARA model and typical B2B actors, such as market research, product managers and trade fairs are presented.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 3

Customer Relationship Management

Customer Relationship Management

An overview of the application fields and challenges of customer management in so-called business-to-consumer markets.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Master Program

Sustainability and Responsibility in Management

Nachhaltigkeit und Verantwortung im Management

Covers the fundamental strategic marketing decisions companies need to take, e.g. market selection, competitive strategy, transaction vs. relationship marketing and Corporate Social Responsibility.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture

- ECTS: 6

Methods of Market Research

Methoden der Marktforschung

Presents the challenges of collecting and analyzing both qualitative and quantitative data in market research.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Business to Business Marketing and Purchasing

Business to Business Marketing and Purchasing

Provides interesting insights in Business to Business Marketing strategies which differ substantially from Business to Consumer Marketing approaches. Also B-to-B purchasing processes are discussed in the details.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar or lecture
- ECTS: 6

Price Management

Price Management

Discusses the challenges of pricing. Covers managerial approaches in pricing as well as aspects of price-related customer behaviour.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar or lecture
- ECTS: 6

Research Seminar Internationales Marketing

Forschungsseminar Internationales Marketing

Introduces students to academic research. Every year, a different topic is in the focus of the seminar. Students first receive an introduction to empirical research. They then learn how to read and interpret academic articles. Finally, students conduct an own empirical study and present the result.

- Language: German
- Semester: Winter semester
- Teaching Method: Research seminar
- ECTS: 6

Research Seminar Business to Business

Forschungsseminar Business to Business

Introduces students to academic research. Every year, a different topic is in the focus of the seminar. Students learn how to read and interpret academic articles as is required for writing a master thesis.

- Language: English
- Semester: Summer semester
- Teaching Method: Research seminar
- ECTS: 6

Intercultural Challenges in Customer and Account Management

Intercultural Challenges in Customer and Account Management

Content of the seminar are challenges of intercultural communication. The theoretical learning content

provided during the course will be deepened by case studies from international companies in sales and furthermore, in order to expand on cultural sensitization, simulation games are conducted.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Marketing and Sales Controlling (Online Course Virtuelle Hochschule Bayern (vhb, <https://www.vhb.org/en/>))
Marketing und Vertriebscontrolling (Online Kurs der Virtuellen Hochschule Bayern (vhb, <https://www.vhb.org/en/>))

The aim of this course is to provide participants with theoretically sound concepts that enable them to contribute at the interface between the fields of "Marketing and Sales" and "Controlling."

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 6

Designing a Life with Purpose

Designing a life with purpose

Using the tools of strategic thinking to design a life in line with passions and talents

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

3.1.8 Banking and Financial Control

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Bachelor Program

BFC-B-01: Introduction to Banking and Financial Control

Grundlagen der Finanzierung

Main Lecturer: Prof. Dr. Matthias Muck

The course is an introduction to the field of banking and financial control. First, students learn the fundamental theories on the role and importance of financial markets. The course then deals with financial decision making under certainty and uncertainty, establishes a link to business accounting and discusses financial analysis. Further, financial instruments as well as the capital structure are covered.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture, practicals
- ECTS: 6

BFC-B-02: Financial Intermediaries*Bankbetriebslehre*Main Lecturer: Prof. Dr. Matthias Muck

The course deals with business models as well as financial control of banks. To begin with, the module presents the major tasks of financial intermediaries. Subsequently, the deposit and lending business of banks are discussed in greater detail. In addition, we take a closer look at aspects referring to the risk management of banks. Finally, main features of the regulation of financial intermediaries as well as of the cost accounting of banks are discussed.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture, practicals
- ECTS: 6

BFC-B-03: Cases in Corporate FinanceMain Lecturer: Prof. Dr. Matthias Muck

The module presents major concepts of entrepreneurial finance management as well as of capital market theory. Above all decisions under uncertainty, portfolio management, capital asset pricing model (CAPM) as well as the main features of corporate valuation will be discussed. Theoretical considerations will be discussed in greater detail on the basis of problems from corporate practice.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture and case discussions
- ECTS: 6

BFC-B-05: International Entrepreneurship*Internationales Entrepreneurship*Main Lecturer: Prof. Dr. Matthias Muck

The course focuses on entrepreneurship and business start-ups within an international business environment. To begin with, students discuss fundamental basics of (international) entrepreneurship as well as the creation of business plans. Based on this, students develop their own business idea and elaborate a business plan.

- Language: German
- Semester: Summer semester
- Teaching Method: Presentation
- ECTS: 6

BFC-B-06: Startup and SME Business Planning - The Businessplan as a Planning Tool*Businessplanerstellung – Der Businessplan als Planungstool für Startups und KMU*Main Lecturer: Dr. Markus Wolf

The module provides an overview on entrepreneurship. Focus is to create your own business plan in the course of the semester. The business plan and in particular the enclosed financial planning serve as a decision-tool. The plan needs to show the planned economic development and thus the sustainability of the project. The module covers the following aspects:

Executive Summary; Benefits and value proposition; Market & competitive analysis; Marketing & sales; Business model; Opportunities & risks; Implementation timetable; The entrepreneurial team

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture and case discussions
- ECTS: 6

BFC-B-07: Personal Wealth Management

Main Lecturer: Dr. Tobias Kaufmann

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 6

Master Program

BFC-M-01: Capital Market Theory

Kapitalmarkttheorie

Main Lecturer: Prof. Dr. Matthias Muck

The module discusses innovative financial products as well as their implementation within financial and risk management. To begin with, the main innovative financial products like forwards, futures and financial options are presented and their operating principle in the context of hedging is illustrated. Based on this, their valuation by means of financial market models is explained. The course focuses on the valuation of financial options by means of the binominal model as well as in the frame of the Black-Scholes model. Furthermore, the main features of the state preference theory are taught.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture, practicals
- ECTS: 6

BFC-M-02: International Finance

Main Lecturer: Prof. Dr. Matthias Muck

The module introduces problems of international capital market theory. Based on fundamental aspects of international currency markets, the determination and forecasting of exchange rates is discussed. In this context, issues of financial and risk management on international capital markets are presented. The course further deals with the influence of exchange rates on the valuation of financial instruments or securities. An emphasis is put on the valuation of exchange rate options using financial market models.

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture, practicals
- ECTS: 6

BFC-M-03: Options & Futures

Main Lecturer: Prof. Dr. Matthias Muck

The module introduces issues of international money and bond markets. To begin with, fundamentals of bond markets and bond risk management are discussed. In this context, the most common instruments of interest rate risk management as well as their application in corporate risk management are introduced. Special emphasis is put on the analysis of interest rate options and their valuation using financial market models.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture, practicals
- ECTS: 6

BFC-M-04: Research Issues in Banking and Financial Control

Forschungsfragen im Banking und Finanzcontrolling

Main Lecturer: Thomas Schmidl

In this seminar, students deal with current research issues in banking and financial control. Seminar topics

include problems in the subject areas of banking, insurance, and capital market theory. The scope can be empirical or theoretical in nature.

- Language: German
- Semester: Winter semester
- Teaching Method: Presentation
- ECTS: 6

BFC-M-10: Empirical Data Analysis in Finance

Main Lecturer: Yana Sokolova, Ph.D.

This course examines mathematical and statistical principles and techniques for implementing empirical analyses of financial data. Topics of study to be taught include: financial data and descriptive statistics; normal distribution and sampling distributions; confidence interval estimation and hypothesis testing; proportions and means testing in financial data; design of experiments and ANOVA; correlation analysis and scatter plots; simple and multiple linear regression; time series and panel data analysis; asset pricing models (CAPM and Fama-French); event studies in finance.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar, practicals
- ECTS: 6

3.1.9 Finance

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Bachelor Program

Introduction in Finance and Investment [Fin-B-01]

Einführung in Finanzierung und Investition

Introduction to Corporate Finance and Financial Management, Financial Markets, Financial Intermediation and Financial Risks; Venture Finance and Going Public; Case studies on startups and entrepreneurship with a focus on budgetary planning and liquidity. (Important: Individual term of application, please look at notice board for current news).

- Language: German
- Semester: Winter semester
- Teaching Method: Lectures, presentations & discussion
- ECTS: 6

International Corporate Finance [Fin-B-04]

Internationale Unternehmensfinanzierung

Introduction to corporate finance and financial management, financial markets, financial intermediation and financial risks; venture finance and going public; case studies on startups and entrepreneurship with a focus on budgetary planning and liquidity / international focus. (Important: Individual term of application, please look at notice board for current news).

- Language: German
- Semester: Winter semester

- Teaching Method: Lectures, presentations & discussion
- ECTS: 6

Models of Financial Markets and Strategic Risk Management [Fin-B-06]

Finanzmarktmodelle und Strategisches Risikomanagement

Informational efficiency and pricing in financial markets; General theories on equity pricing: Efficiency concept, random walk, fair game model, rational expectations, empirical results; portfolio theory and decision theory; Theoretical market models: State preference approach, CAPM, APT, empirical results; decision making under risk; fundamentals in risk management; pricing risks; market risk analysis; market risk control. (Important: Individual term of application, please look at notice board for current news).

- Language: German
- Semester: Summer semester
- Teaching Method: Lectures, presentations & discussion
- ECTS: 6

Master Program

Strategic ESG-Risk Management [Fin-M-11]

Strategic ESG-Risk Management

Strategic ESG (Environmental, Social, and Governance)-Risk management refers to the integration of environmental, social, and governance factors into a company's overall risk management framework. It involves identifying and addressing the potential risks and opportunities associated with these (non-financial) factors, which can significantly impact a company's long-term financial performance and reputation. (Important: Individual term of application, please look at notice board for current news)

- Language: English
- Semester: Summer semester
- Teaching Method: Lectures, presentations & discussion
- ECTS: 6

Sustainable (Corporate) Finance [Fin-M-12]

Sustainable (Corporate) Finance

Sustainable (Corporate) Finance, also known as Sustainable Finance or Green Finance, refers to the integration of environmental, social, and governance (ESG) factors into financial decision-making processes within a company. The goal of sustainable corporate finance is to align financial strategies with sustainable development objectives, ensuring that companies operate in a manner that is environmentally responsible, socially inclusive, and economically viable over the long term. (Important: Individual term of application, please look at notice board for current news)

- Language: English
- Semester: Summer semester
- Teaching Method: Lectures, presentations & discussion
- ECTS: 6

Financial Markets and Financial Systems [Fin-M-04]

Finanzmärkte und Finanzsysteme

Inefficiency and pricing in financial markets; Stock exchanges as financial intermediaries; market microstructure: Theoretical framework, empirical & experimental results; noise trading; decision under ambiguity; Behavioral finance: Theories, concepts, empirical & experimental results; investment strategies, disposition & endowment effect, prospect theory, analysts' behavior, overconfidence, home bias, herding; social responsible investments; neuro-finance; regulation & legal framework. (Important: Individual term of application, please look at notice board for current news)

- Language: German
- Semester: Winter semester

- Teaching Method: Lectures, presentations & discussion
- ECTS: 6

Digitization Finance and FinTechs [Fin-M-13]

Digitization Finance and FinTechs

Digitization finance and FinTechs (Financial Technology companies) are two closely related concepts that are transforming the financial industry by leveraging technology to provide innovative financial services and solutions. Digitization Finance, also known as digital finance or digitalization of finance, refers to the process of incorporating digital technologies into traditional financial services and operations. This involves using digital tools, platforms, and processes to streamline financial activities, enhance customer experiences, and improve overall efficiency.

- Language: English
- Semester: Winter semester
- Teaching Method: Lectures, presentations & discussion
- ECTS: 6

3.1.10 Supply Chain Management

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Bachelor Program

Introduction to Service Engineering [SCM-B-01]

Grundlagen des Service Engineering

Service Engineering is designed as an introductory course. Students will learn to understand the basics of modeling services and the development of services. Further, they will learn to do this by means of appropriate procedures and methods. Practical examples from logistics and supply chain management will contribute to a better understanding of the content. Relevant business theories are, for example, Resource Based View (RBV), Service Dominant Logic (SDL), Service Engineering (SE) and New Service Development (NSD).

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture, practical seminar
- ECTS: 6

Introduction to Supply Chain Management – SCM I [SCM-B-03]

Grundlagen des Supply Chain Management - SCM I

This course designed as an introductory course. The background is the increasing importance of supply chain management in an economic world characterized by volatility, uncertainty, complexity and ambiguity. Students will learn to understand key SCM strategies and the importance of data for increasing efficiency, diversification, agility, resilience and sustainability. However, they should also be able to recognize and justify the limitations of already existing models, methods and solutions available for SCM and the need for a paradigm shift in SCM thinking.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Digital Supply Networks – SCM II [SCM-B-05]*Digital Supply Networks – SCM II*

The Digital Supply Networks module (SCM II) is designed as an advanced course, building upon the foundational knowledge provided in the "Introduction to Supply Chain Management" (SCM I) lecture. This module focuses on the transformation of traditional, linear "take, make, waste" supply chains into circular structures aligned with the principles of the Circular Economy. Students will critically examine the limitations of established models, methods, and tools in addressing the challenges of a world characterized by volatility, uncertainty, complexity, and ambiguity. They will engage with cutting-edge theoretical approaches that aim to overcome these limitations. A particular emphasis is placed on understanding the role of modern information and communication technologies as key enablers for realizing a Circular Economy, especially for complex products.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Master Courses**Internet of Things @ Supply Chain Management I [SCM-M-01]***Internet of Things @ Supply Chain Management I*

Technologies of Radiofrequencies in Logistics I is designed to be an introductory lecture. The students would get to know existing basic technologies of the "internet of things" the required complementary innovations for an implementation. Subsequently the students would understand the functionality of the RFID-technology and conduct technological and managerial evaluation of the application of the products and systems. This will be possible studying the relevant basics and methods.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture, practical seminar
- ECTS: 6

Internet of Things @ Supply Chain Management II [SCM-M-02]*Internet of Things @ Supply Chain Management II*

Technologies of Radiofrequencies in Logistics II is designed to be a continuative lecture to Technologies of Radiofrequencies in Logistics I. The students should understand the functionality of sensor-tags, wireless-networks and real-time-locating systems and be able to evaluate the application of the products and systems in a technological and managerial way. The students will be taught the relevant basics, methods and procedures.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture, practical seminar
- ECTS: 6

Product and Service Innovation for Supply Chain Management [SCM-M-03]*Produkt- und Dienstleistungsinnovationen in der Supply Chain*

Innovative products and services will play a further increasingly important role within future logistics and the Supply Chain Management of the future. Special emphasis in this context should be placed on so-called Value Added Services (VAS) as well as on technologies for automatic identification and data capturing (AIDC). This course is therefore designed to examine the development and design of sustainable and viable products and services. For this purpose, students will acquire current research questions and problem within small working groups from a consistently scientific perspective. They will furthermore be enabled to interlink these issues with theoretical knowledge, methods and competencies acquired during their previous studies.

It is highly recommended to attend the courses **Technologies of Radiofrequencies in Logistics I and II** before applying for this seminar.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Management of Logistics Services in the Supply Chain [SCM-M-04]

Management von Logistik-Dienstleistungen in der Supply Chain

Major objective of the course is to equip students with a sound understanding of processes and key business challenges within the field of transportation and logistics services, to equip them with a modern repertoire of standard solutions, instruments and methods, and to support the ability to adopt and apply theory fundamentals of different disciplines into the field. Students learn to understand the service supply chains of logistics service providers in the context of their specific business models integrating aspects such as specific value propositions, different revenue models, and different architectures of the resource basis involved. They use their knowledge to analyze and compare such models, identify problems or dilemmas, and they are enabled to assess the potential of specific innovative positions, approaches or solutions.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Project Workshop for the Design of Information Services in the Digital World [SCM-M-05]

Projektwerkstatt für den Entwurf von Informationsdienstleistungen in der digitalen Welt

- Identification and Evaluation of Information-based-Services based on creativity and portfolio method in a Kick-Off session
- Application of a Service Engineering Process Model and the respective methods during desk research as group work
- Discussion of the research results in regular project meetings, accompanied by teaching staff
- Final presentation of project results in a final meeting to a project committee
- Documentation of the groups' results in a paper

The seminar is designed to enhance the student's methodological experience and to extend the student's skills in group- and project work. Students will work on a real life question in order to develop a modern, technology and information based service concept, through applying the Nuremberg Service Engineering Binocular (NSEB), its iterative process and its questions and methods.

It is highly recommended to attend **all other remaining courses** of this chair before applying for this seminar.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Digital Transformation of Value Creation Systems [SCM-M-7]

With increasing digitization, companies and cross-company value-creation systems like supply chains are changing in a fundamental way. The course provides an understanding of the data-driven enterprise as well as on the process of digital transformation. For essential dimensions of observation, the change from the traditional product-oriented to a data- and service-oriented company will be presented and explained. At the end of the course, students should be able to evaluate companies in the manufacturing industry concerning digital maturity and, against this background, to develop strategies for the further transformation process.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture, seminar
- ECTS: 6

3.1.11 Chair of Controlling

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Bachelor Courses

Cost Accounting [CTRL-B-01]

CTRL-B-01 Kosten- und Leistungsrechnung

Prerequisites: None

The aim of the module is to understand the structure of cost accounting and its systems. The students should also know the application requirements for these systems as well as cost accounting and its systems as a basis for assessments and decisions in companies.

- Methods of Kostenarten-, Kostenstellen- and Kostenträgerstück- and -zeitrechnung
- Teilkostenrechnung, for example Deckungsbeitragsrechnung
- Basics of Cost Accounting
- Language: German
- Semester: Winter
- Teaching Method: Lecture
- ECTS: 6

Introduction to Management Accounting [CTRL-B-02]

CTRL-B-02 Grundlagen Controlling

Prerequisites: None

Modern management accounting takes into account institutional economic findings to show the management the respective effects of their economic decisions and offers alternatives to these. Different management accounting systems and individual management accounting instruments are used in combination and are further developed and expanded depending on the organization's goals.

- Planning and budgeting
- Management accounting as an information system
- Analyses of deviations
- Instruments of risk management
- Language: German
- Semester: Summer
- Teaching Method: Lecture
- ECTS: 6

Strategic Management Accounting and Sustainability [CTRL-B-03]

CTRL-B-03 Strategic Management Accounting and Sustainability

Prerequisites: None

Students know how to use and evaluate instruments of strategic management accounting in practical contexts. They understand and can apply measurement approaches to capture different dimensions of an organization's performance and can integrate sustainability issues in management accounting systems.

- Differentiation between management accounting and strategic management accounting
- Analysis of corporate (and business unit) strategy

- Tools of analysis, such as (Sustainability) Balanced Scorecard, Life Cycle Costing, Portfolio analysis
- Language: English
- Semester: Winter
- Teaching Method: Lecture
- ECTS: 6

Master Courses

Cost Management [CTRL-M-01]

CTRL-M-01 Kostenmanagement

Prerequisites: Bachelor's degree

Students know important instruments of proactive and reactive cost management and can assess which instruments are suitable in which application scenarios. They can use instruments independently and adapt them to the specific situation.

- Cost estimates and break-even analysis
- Activity-based costing
- Determination of lower-price-limits
- Target costing
- Life cycle costing and Zero Base Budgeting
- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Research Seminar Management Accounting & Sustainability [CTRL-M-02]

CTRL-M-02 Research Seminar Management Accounting & Sustainability

Prerequisites: Bachelor's degree

Students learn the basics of scientific work and the scientific methods to be used. They also learn about current topics in the fields of management accounting, especially regarding sustainability accounting and sustainability reporting based on scientific or practice-oriented problems. Introduction to the relevant subject areas:

- Understanding international standards for sustainability reporting
- Presenting scientific studies on the subject sustainability reporting
- Dealing with the scientific working culture
- Application-oriented examination of current practice in sustainability reporting
- Language: German/English
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 6

Sustainability Accounting & Reporting [CTRL-M-03]

CTRL-M-03 Sustainability Accounting & Reporting

Prerequisites: Bachelor's degree

Students learn about methods and instruments of sustainable management accounting. They understand and can apply methods to measure qualitative, sustainability-related issues with the goal to integrate these in management accounting tools. Furthermore, they understand challenges and shortcomings of these methods, and how to improve measurement and management accounting systems. In the second part, students learn about current sustainability reporting recommendations, guidelines and regulations. They understand the different characteristics (e.g., focus, target group of report, specificity) of the recommendations, guidelines and regulations and are able to apply these to the reporting context of companies. Introduction to the relevant subject areas:

- Tools of sustainable management accounting and material flow cost accounting
- Global Reporting Initiative (GRI)
- Taskforce of Climate-related Financial Disclosure (TCFD)
- Corporate Sustainability Reporting Directive (CSRD)
- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Practical Issues in Management and Control [CTRL-M-04]

CTRL-M-04 Praxisfragen und Controlling

Prerequisites: Bachelor's degree

Analytic and prognostic instruments and qualitative and quantitative methods for the support of management and management accounting activities within a management cycle (target costing, transfer pricing, modern cost analysis, value ratios, and project management).

- Language: German/English
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 6

Value-based Management Accounting [CTRL-M-05]

CTRL-M-05 Wertorientiertes Controlling

Prerequisites: Bachelor's degree

Students know the methods and instruments of value-based management accounting and are able to use them in the corporate context. They know the advantages and disadvantages of the methods they have learned and are able to make adjustments independently. By using the methods, long-term perspectives are identified and trade-offs between short- and long-term consequences of decisions become clear and can be taken into account in the decision-making process. Introduction to the relevant subject areas:

- Determination of firm value
- EVA and CVA
- Performance Measurement-Systems
- Life cycle costing
- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Concepts of Management Accounting [CTRL-M-06]

CTRL-M-06: Konzepte des Management Accounting

Prerequisites: Bachelor's degree

Overview on the topics of management accounting; institutional influence factors and fields of interest; strategic management accounting, management control systems, characterization of instruments and methods used in management accounting.

Please check availability (homepage)!

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Research Topics in Governance, Risk and Compliance (GRC) [CTRL-M-07]

CTRL-M-07: Forschungsseminar Governance, Risk and Compliance (GRC)

Prerequisites: Bachelor's degree

The research seminar offers an in-depth study of the mechanisms of corporate management and -control, namely Governance, Risk and Compliance (GRC).

Please check availability (homepage)!

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

3.1.12 Operations Management and Business Logistics

Prof. Dr. Eric Sucky

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Bachelor Courses

Theory of Production and Cost

Produktions- und Kostentheorie

Basic structures and concepts of production theory and cost theory.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture & tutorial
- ECTS: 6

Production Management

Produktionsmanagement

Basic structures and concepts of production management: forecasting, production planning, material requirements planning, purchasing decisions, lot sizing, production scheduling.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture & tutorial
- ECTS: 6

Logistics Management

Logistikmanagement

Basic logistical concepts; importance of logistics; objectives of business logistics, process management; activity-based costing; order processing, vehicle routing and scheduling; freight consolidation; transportation planning problems; purchasing and supply chain scheduling decisions.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture & tutorial
- ECTS: 6

Master Courses

E-Commerce

E-Commerce

The E-Commerce event provides an overview of the key aspects of online trading, including common business models and current market trends. There is a particular focus on forward- and backward-looking e-commerce activities. The central aspects of forward-looking activities include strategies for procurement, warehousing, and distribution. These are contrasted with backward-looking activities, which include strategies for avoiding and reducing returns. Sustainability aspects, such as returning goods to the economic cycle or environmentally friendly packaging solutions, are also discussed. The aim of the course is to enable students to analyze the complex challenges and potential of e-commerce and to make strategic decisions that meet both economic and ecological objectives.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture & tutorial
- ECTS: 6

Sustainable Supply Chain Management

Sustainable Supply Chain Management

The course provides an overview of supply chain management. To substantiate the concept, a definition, goals, tasks, and major challenges are identified. This serves as the foundation of a theoretical framework, which consists of three elements: (1) enabling processes, (2) enabling technologies, (3) enabling people. Moreover, special emphasis is placed on how to establish sustainability in supply chains.

- Language: **English**
- Semester: Winter semester
- Teaching Method: Lecture & tutorial
- ECTS: 6

Operations & Supply Chain Management

Operations & Supply Chain Management

The Operations & Supply Chain Management course deals with the planning and control of complex and interdependent value creation processes that take place within and between companies in order to transform inputs into end products. The content is presented analytically, requiring a basic knowledge of mathematics and statistics. Students will learn to identify and structure relevant planning problems in operations and supply chain management and, where necessary, map them in planning models in order to develop and evaluate proposed solutions (alternatives).

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture & tutorial
- ECTS: 6

3.2 Module Description: Political Science

General information on political Science courses at the University of Bamberg

In our BA program, we offer courses within six areas of political Science.

- International and European Politics
- Comparative Politics
- Political Theory
- Political Sociology
- Policy Analysis
- Digital Politics

Further, there are three types of courses:

- Lecture: Introductory overview over topic area, 5 ECTS, German
- Seminar: Selected topics in one of the above subject areas, 6 ECTS (or 3 ECTS as seminar small), mostly German, one in English for each subject area
- Advanced Seminar: Advanced selected Topics in one of the above subject areas (9 ECTS), German or English
- Seminar research practice: Focus on applied methods in political science (6ECTS), German

In our MA program, we also offer lectures (6 ECTS), and seminars in the above subject areas (8 ECTS) as well as methods courses (8 ECTS). Most MA courses are in English, but they are not recommended for ba exchange students.

Please check <https://www.uni-bamberg.de/ba-politik/incoming-exchange/> for further information for incoming exchange students

3.2.1 International and European Politics

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Bachelor Modules

Lecture: Introduction to International and European Politics

Vorlesung: Einführung in die internationale und europäische Politik

The module introduces students to key issues of international and European politics. It is organized around three areas: First, it addresses issues of foreign policy analysis and German foreign policy. Second, it examines the opportunities and limits of international cooperation and global governance through international Institutions. Third, it deals with the process of European integration and its core institution, the European Union. In each of these areas, the lecture addresses core issues and developments and introduces the political science instruments and theories for their analysis. The lecture provides a first point of entry for students of international and European politics, but it is suitable also for interested students of other programs.

Prerequisites: none

- Language: German
- Semester: Winter
- Teaching Method: Lecture
- ECTS: 5

Seminar on International and European Politics

Seminar: Internationale und europäische Politik

or Seminar (klein): Internationale und europäische Politik

This seminar-based module is designed to consolidate and extend student's knowledge about international and European politics. The target audience is second-year students (BA) of political science and exchange students with considerable knowledge in the field of international and European politics. Hence, familiarity with basic concepts, theories, and methods of both Political Science and International Relations is an essential requirement to be able to follow this course. Students who are interested in taking this course may choose one out of three classes. We offer seminars on Foreign Policy, on European Integration, and on International Institutions. Please note that parallel registration for more than one course in this module is generally not possible.

Prerequisites: Participants must have considerable knowledge of IR. Beginners should rather consider participation in the module *Lecture: Introduction to International and European Politics*.

- Language: English
- Semester: Winter and summer
- Teaching Method: Seminar
- ECTS: 6
- or ECTS: 3 (fewer exams)

Seminar research practice: Qualitative research

Seminar Forschungspraxis: Qualitatives Forschen

Qualitative methods are an important tool for understanding and explaining political phenomena and processes. The aim of this module is therefore to familiarize participants with a selection of commonly used qualitative methods. These methods will not be learned in the abstract, but rather applied to answer relevant political science research questions. Specifically, participants will become acquainted with qualitative content analysis, process tracing, and interview techniques. In addition, they will engage with questions of case selection and the operationalization of concepts.

Prerequisites: None

- Language: German
- Semester: Winter and Summer
- Teaching Method: Seminar
- ECTS: 6

Advanced BA Seminar on varying topics of International and European Politics

Vertiefungsseminar internationale und europäische Politik

This module is an advanced seminar for 3rd year BA students on current issues and problems in international and European politics. The seminar does not have a steady content but examines varying topics on current issues related to either international institutions and global governance, or European politics or foreign and security policy. The courses range from EU policies, Middle East politics, the Ukraine crisis, to rising powers and international institutions. To be able to follow this course, familiarity with basic concepts, theories, and methods of Political Science and International Relations is an essential requirement.

Prerequisites: Two preceding modules or equivalent.

- Language: mostly German
- Semester: Winter and Summer
- Teaching Method: Seminar
- ECTS: 9

National Model United Nations “How the United Nations works” (BA)

This seminar-based module is designed to support delegates of the National Model United Nations (NMUN) project at the University of Bamberg. The seminar will teach, on an academic level, how one of most important international organizations, the United Nations, can be conceptualized and empirically analyzed. In a first section, the seminar focuses on the UN's structure, the actors in the UN system and the fundamental principles of international law. In a second section, the seminar will consider the major policy fields of the UN: international peace and security, human rights and development. In a third section, students will learn more practically oriented skills for working in the UN system: patterns of UN decision-making, the art of negotiation and the role of language in the UN.

Prerequisites: Special application procedure

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS 6/8

Master Modules

Master Seminar: The Politics and Diplomacy of Development: Foreign Aid, Non-State Actors (NGOs), and Soft Power in Africa.

Hauptseminar: Internationale und europäische Politik IV

International Development assistance has significantly shaped the development trajectory of the African State. The OECD, and other multilateral donors such as the Bretton Woods financial institutions (World Bank, IMF), the EU have historically been the most influential and traditional development assistant partners of the continent. In recent decades, the BRICS dominated by China, Russia and India have seen their imprints and influence in Africa increase, challenging the long-held dominance of these traditional donors. Drawing on theories of development, IR, soft power, we will go beyond debates about the effectiveness of aid to exploring how overseas development assistance (ODA) is leveraged as an instrument of foreign policy and a tool for furthering geopolitical interest. We will also focus on how foreign aid shapes recipient country behaviours and institutions and the tensions, contradictions that arise. Based on our understanding of aid as a tool for foreign policy and geopolitical interest, we will turn on our gaze on non-state actors particularly NGOs and how they are enlisted as vehicles to legitimize donor agendas. Moving beyond a donor centric perspective, we will also look at how African states negotiate and engage with donor agendas to maximise national interest and development. Finally, we will unpack south-south aid dynamics, specifically accounting for China as an emergent development partner and its implications on the aid landscape, state sovereignty, and democratic development of the African state.

Prerequisites: Participants must have a BA degree in Political Science or International Relations or equivalent and substantive knowledge of IR and Foreign Policy Analysis.

- Language: English
- Semester: Summer or Winter
- Teaching Method: Seminar
- ECTS: 8

Master Seminar: Peace and Conflict in International Relations

Hauptseminar: Internationale und europäische Politik IV

Peace and conflict are not only topics of academic interest, but also of great public relevance. In the seminar we will first discuss how we can define the terms 'peace' and 'conflict' and how they can be measured empirically. We will then examine how different theoretical perspectives explain the emergence and persistence of interstate and intrastate conflicts. We will then look at tools of conflict management and finally discuss prospects for conflict resolution. The core of the seminar is the application of these theories and concepts to empirical cases. Students present a research design for a theory-driven empirical analysis of contemporary conflicts and receive feedback from their peers and the lecturer, thereby training their academic skills.

- Language: English
- Semester: Summer or Winter
- Teaching Method: Seminar
- ECTS: 8

National Model United Nations “How the United Nations works” (MA)

Hauptseminar: Internationale und europäische Politik VI

This seminar-based module is designed to support delegates of the National Model United Nations (NMUN) project at the University of Bamberg. The seminar will teach, on an academic level, how one of most important international organizations, the United Nations, can be conceptualized and empirically analyzed. In a first section, the seminar focuses on the UN's structure, the actors in the UN system and the fundamental principles of international law. In a second section, the seminar will consider the major policy fields of the UN: international peace and security, human rights and development. In a third section, students will learn more practically oriented skills for working in the UN system: patterns of UN decision-making, the art of negotiation and the role of language in the UN.

Prerequisites: Special application procedure

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS 6 (Bachelor seminar), or 8 (Master seminar)

3.2.2 Political Science, Digital Transformation

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Bachelor Courses

PWB-DP-S: Digital Governance: Data and Platforms

Kursbeschreibung siehe Homepage: <https://www.uni-bamberg.de/politikdigital/studium-lehre/>

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 6

PWB-DP-VS: Digital Sovereignty

Kursbeschreibung siehe Homepage: <https://www.uni-bamberg.de/politikdigital/studium-lehre/>

- Language: English
- Semester: Winter and summer semester
- Teaching Method: advanced Seminar
- ECTS: 8

B-CEP-2 Schnittstellenmodul CEP 2: Algorithms for Economics and Politics & Economics and Politics of Algorithms

Kursbeschreibung siehe Homepage: <https://www.uni-bamberg.de/politikdigital/studium-lehre/>

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 6

Master Courses

PWM-CS-HS4: Computational Social Science IV: Research Project in CSS

Kursbeschreibung siehe Homepage: <https://www.uni-bamberg.de/politikdigital/studium-lehre/>

- Language: English
- Semester: Summer and Winter Semester
- Teaching Method: Seminar
- ECTS: 8

PWM-CS-V: Computational Social Science I: Digital Media in Politics and Society

Kursbeschreibung siehe Homepage: <https://www.uni-bamberg.de/politikdigital/studium-lehre/>

- Language: English
- Semester: Winter Semester
- Teaching Method: Lecture
- ECTS: 6

3.2.3 Political Theory

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Please note that the module titles mentioned below are generic „module titles“ (Modultitel). Normally, modules of each type (i.e., under each module title) will be offered at least once a year. In many cases, at least one module of each type (module title) will be offered in every semester. The topics of the specific courses can be found here: <https://univis.uni-bamberg.de/prg?search=lectures&department=Lehrstuhl%20f%FCr%20Politikwissenschaft,%20insbes.%20Politische%20Theorie&show=long>

Hereby, the code at the beginning of the course title indicates the module to which it belongs (as noted in the list below).

Whenever „German / English“ are noted as course language below, the language that is actually used depends on the individual course. The online course descriptions will also indicate the course language. In case of any questions, do not hesitate to contact the course instructors or the secretary.

Basic Studies **(Bachelor in Political Science)**

Bachelor Program: The Basic Module "Political Theory" (15 / 17 ECTS) comprises the introductory lecture and two seminars (Seminar BA)

Introduction to Political Theory – [PWB-PT-V: Einführung in die Politische Theorie](#)

Content: The lecture presents central areas of political theory and is divided into three parts: Philosophy of Science, Positive Political Theories and Normative Political Theories. The first part deals with the fundamentals of scientific research: How can the quality of scientific language be assessed? How can the quality of scientific theories be recognized? These quality criteria apply to all empirical sciences. In political science, the central driving forces of the political process are acting actors: What are the determinants of this action? How can individual actions be aggregated into social phenomena? The basic orientations of action theory used in political science are presented and critically discussed in their development. The second part discusses central normative concepts such as freedom, equality and justice will be presented in political science on the basis of central reference theorists: What does a just and stable order look like? Under what circumstances may a state interfere with my personal freedom? To what extent can redistribution measures be justified on the basis of the theory of justice?

Learning Outcomes: Students should be familiar with the fundamental theoretical positions of science and understand the consequences of these considerations for the political science research process. At the same time, they should apply first methodological and theoretical skills (e.g. action and decision theory, game theory) as an aid in dealing with classical and still valid questions.

Prerequisites: None. Note that there is a tutorial that students are highly recommended to visit.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 5

S (BA): Selected Topics in Political Theory (for BA Students) – *PWB-PT-S: Seminar zur Politischen Theorie*

Content: This seminar type deals in depth with selected areas of the lecture. Each semester several courses on different subjects are offered. These can be topics of the history of ideas (the reading of the work of one theoretician or the treatment of a certain topic under consideration of several authors) as well as the instruments of modern political theory, above all science theory, rational choice, game theory, decision theory. Each seminar also introduces students to a specific research method that is of particular relevance in the field of political theory.

Learning Outcomes: The students should be able to work out the basic features of the thinking of the authors, the argumentations and controversies considered and the theoretical foundations of the modern instruments of theory formation and to weigh different conceptions against each other. Above all, they should be able to argue the bridge between classical and modern theory. It should become clear to the students that the classics did not pursue the history of ideas as an end in itself, but that they wanted to contribute to overcoming problems with the help of the instruments available in each case, and that this is also the role of a modern political theory.

Prerequisites: None. However, seats in individual courses may be limited.

- Language: German / English
- Semester: Winter / Summer semester
- Teaching Method: Seminar
- ECTS: 3 (small) / 6 (regular)

Advanced Studies I **(Bachelor in Political Science 3rd year)**

Bachelor Program: This is an optional part of the "Vertiefungsmodul".

Advanced Topics in Political Theory – PWB-PT-VS: Vertiefungsseminar zur Politischen Theorie

Content: This type of seminar focuses on selected topics of political theory. The specific topics can either stem from classical political theory and cover the fields of political philosophy or the history of ideas, or from modern political theory and be located in the theory of science, modern normative political theories or positive political theories.

Learning Outcomes: Students acquire in-depth knowledge of a selected topic of political theory. They will be introduced to current research questions in this field and will be able to independently assess and analyze different theoretical positions. References to literature will be provided with the seminar plan.

Prerequisites: Eligibility requirement for advanced seminars (BA) (Vertiefungsseminar): 2 out of 3 of the following courses are required: Lecture / "Proseminar" (Tutorial) / Seminar in the subject area "Political Theory". For details, please contact your lecturer.

- Language: German / Englisch
- Semester: Winter / Summer semester
- Teaching Method: Advanced seminar
- ECTS: 9

Advanced Studies II **(Master in Political Science)**

Philosophy of Science / Advanced Methods I – PWM-ME-HS1: Grundlagen der Wissenschaftstheorie: Politikwissenschaftliche Methoden I

Content: This course introduces into the terminology and basic methods of argumentation for political science. In the beginning of the seminar, we will deal with the appropriate form and function of arguments. By analyzing text samples, we will learn to identify valid and invalid forms of argumentation. Subsequently, the method of reconstruction will be introduced, which is applied to evaluate arguments. At the same time participants will become familiar with basic logic. In the end, students are taught to identify and avoid typical fallacies in argumentation. The aim of this course is to develop a critical stance towards scientific terminology and to acquire the competence of writing proper scientific texts.

Prerequisites: Attendance of the lecture course (BA) in Political Theory and (iii) attendance of a seminar (BA) or advanced seminar (BA) in Political Theory.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 8

Political Philosophy (Political Theory I) – PWM-PT-HS1: Politische Theorie I

Content: The lecture deals with the topics metaethics, ethics and political philosophy as well as theories of justice. Individual topics are in particular: The nature and tasks of ethics, the language of morality, the problem of justification in normative statements, deontological and consequential ethics as well as selected classics of normative political theory such as Hobbes, Locke, Rousseau, Rawls, Nozick, Singer.

Learning Outcomes: Students should be able to follow, critically evaluate and make advanced scientific arguments based on their knowledge of Normative Political Theory in the course topic. They should be able to work on their own questions with the theories of Normative Political Theory under guidance.

Prerequisites: Eligibility requirement for MA courses: Admission to MA degree in Political Science or (i) completion of a BA degree and (ii) attendance of the lecture course (BA) in Political Theory and (iii) attendance of a seminar (BA) or advanced seminar (BA) in Political Theory.

- Language: Englisch
- Semester: Winter semester
- Teaching Method: Lecture-based module (Vorlesung) for graduate students (weekly two-hour lectures)
- ECTS: 6

Normative Political Theory: (Political Theory II) – PWM-PT-HS2: Hauptseminar: Politische Theorie II

Content: This course deals with varying topics from the field of normative political theory in depth. Please refer to the above link for specific course descriptions.

Learning Outcomes: Students should be able to follow, critically evaluate and make advanced scientific arguments based on their knowledge of Normative Political Theory in the course topic. They should be able to work on their own questions with the theories of Normative Political Theory under guidance.

Prerequisites: Eligibility requirement for MA courses: Admission to MA degree in Political Science or (i) completion of a BA degree and (ii) attendance of the lecture course (BA) in Political Theory and (iii) attendance of a seminar (BA) or a seminar / tutorial (BA) or advanced seminar (BA) in Political Theory.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

Positive Political Theory: (Political Theory III) – PWM-PT-HS3: Hauptseminar: Politische Theorie III

Content: This course deals with varying topics from the field of positive political theory in depth. Please refer to the above link for specific course descriptions.

Learning Outcomes: Students should be able to follow, critically evaluate and make advanced scientific arguments based on their knowledge of Normative Political Theory in the course topic. They should be able to work on their own questions with the theories of Normative Political Theory under guidance.

Prerequisites: Eligibility requirement for MA courses: Admission to MA degree in Political Science or (i) completion of a BA degree and (ii) attendance of the lecture course (BA) in Political Theory and (iii) attendance of a seminar (BA) or advanced seminar (BA) in Political Theory.

- Language: Englisch
- Semester: Winter / Summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

Classic Works of Positive Political Theory: Political Theory IV – PWM-PT-HS4: Hauptseminar: Politische Theorie IV

Content: The seminar gives an overview of central economic approaches to the description and explanation of political processes. In addition to the classics of the New Political Economy such as Olson, Downs and Buchanan, the seminar will also focus on institutional economic ideas and game theory instruments.

Learning Outcomes: Students should be able to demonstrate their awareness of an overview of the range of positive political theories. They should get to know central theories and learn how to apply them to current political problems.

Prerequisites: Eligibility requirement for MA courses: Admission to MA degree in Political Science or (i) completion of a BA degree and (ii) attendance of the lecture course (BA) in Political Theory and (iii) attendance of a seminar (BA) or advanced seminar (BA) in Political Theory.

- Language: Englisch
- Semester: Summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

Advanced Seminar: Political Theory V – Hauptseminar: Politische Theorie V – HS (MA)

Content: The seminar focuses on selected analytical methods of political theory: construction of models, game theory and computer simulations.

Learning Outcomes: Students should gain advanced knowledge of the analytical methods of political theory. They should be able to work under guidance on their own questions using the methods they have learned.

Prerequisites: Eligibility requirement for MA courses: Admission to MA degree in Political Science or (i) completion of a BA degree and (ii) attendance of the lecture course (BA) in Political Theory and (iii) attendance of a seminar (BA) or advanced seminar (BA) in Political Theory.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 8

3.2.4 Political Sociology

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Basic Studies (1st and 2nd year)

Introduction to Political Sociology

Einführung in die Politische Soziologie

Political attitudes and political behavior, their origins and their interrelation; in the lecture the most important theoretical approaches are taught with a focus on the micro level (political attitudes and political behavior of individuals).

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 5

Seminar in Political Sociology

Seminar zur Politischen Soziologie

In each semester, one aspect of Political Sociology (e.g. Political Socialization, Political Participation, Political Culture and Voting Behavior) is covered; required readings are the basis for the discussion of the central theoretical issues and methodological questions in the selected field.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 3 (small)/6 (big)

Research Practice: Quantitative Methods

Seminar zur Forschungspraxis in der Politischen Soziologie

Introduction to the empirical analysis of Political Sociology research problems and data sets with the R-package for Windows. A mandatory two-hour R-tutorial is part of this course.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Basic seminar
- ECTS: 6

Intermediate Studies (3rd year)

Advanced Seminar in Political Sociology

Vertiefungsseminar zur Politischen Soziologie

A seminar for students having completed basic training in Political Sociology, Statistics, Methodology, and the STATA/R-program package that is centered around an empirical research project involving research design, data collection, and data analysis.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Specialization seminar
- ECTS: 8

Advanced Studies (4th and 5th year)

Political Sociology I

Politische Soziologie I

A lecture introducing advanced topics of the political science analysis of political attitudes and political behavior at the micro and macro level.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Political Methods IV

Politikwissenschaftliche Methoden IV

A seminar that deals with advanced methods of quantitative data analysis in Political Sociology and includes practical computer applications of data analysis.

- Language: English
- Semester: Summer semester
- Teaching Method: Advanced seminar
- ECTS: 8

Political Sociology II

Politische Soziologie II

Special topics of research about political attitudes; Theoretical foundation and applications with empirical data analysis on the PC; varying examples of application.

- Language: German/English
- Semester: Winter and summer semester
- Teaching Method: Advanced seminar
- ECTS: 8

Political Sociology III

Politisches Soziologie III

Special topics of research about political behavior; Theoretical foundation and applications with empirical data analysis on the PC; varying examples (with concentration on voting behavior in Germany as well as in a

comparative perspective).

- Language: German/English
- Semester: Winter and summer semester
- Teaching Method: Advanced seminar
- ECTS: 8

3.2.5 Comparative Politics

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Please note that the module titles mentioned below are generic „module titles“ (Modultitel). Normally, modules of each type (i.e., under each module title) will be offered at least once a year. In many cases, at least one module of each type (module title) will be offered in every semester. The relevant module's specific topic is referred to as „semester title“. For example, there will usually be several modules under the generic module title „Selected Topics in Comparative Politics“, or „Seminar Vergleichende Politikwissenschaft“ in German). These modules will have specific semester titles. **For up-to-date information, please refer to [UnivIS](#)**

Introductory Courses (1st and 2nd year of undergraduate studies) (Bachelor in Political Science)

PWB-VP-V Lecture Introduction Comparative Politics

Vorlesung Einführung in die Vergleichende Politikwissenschaft

This lecture-based module offers a first introduction to political regimes, constitutions, executives, legislatures, parliamentary vs. presidential systems, federalism, political parties and party systems, veto players and the use of comparative methods in Political Science.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture-based introductory module (weekly two-hour lectures) for undergraduate students without prior knowledge of Comparative Politics
- ECTS: 5

PWB-ME-PS Introductory Seminar Study Skills for Political Scientists

Proseminar Grundlagen politikwissenschaftlichen Arbeitens

This seminar-based module is based on a series of seminars in which students improve a number of study skills that are essential for them to complete their first degree in Political Science. The emphasis will be on basic orientation and research skills. Students learn how to identify important social science research problems, find relevant sources for empirical work, develop strategies to solve research problems and probe causal arguments concerning such research problems. They learn basic techniques of efficient academic work and standards of good academic practice. In addition, they familiarize themselves with key concepts of Political Science and learn more about the educational opportunities in Political Science at the University of Bamberg.

- Language: German
- Semester: Winter and summer semester

- Teaching Method: Seminar-based introductory module (weekly two-hour lectures) for undergraduate students
- ECTS: 4

PWB-VP-PS Proseminar Comparative Politics

Proseminar Vergleichende Politikwissenschaft

This seminar-based module is based on weekly seminars where learners deepen their understanding of selected topics in Comparative Politics and improve their knowledge of relevant research methods. The seminar plan will mirror the topics covered in the lecture-based Introduction to Comparative Politics (above). Teaching will be based on readings that allow students to deepen their understanding of the topics covered in the lecture-based module.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based introductory module for undergraduate students (weekly two-hour seminars)
- ECTS: 5

Please note that this module will be withdrawn after the Winter term of 2025/26.

PWB-VP-S Seminar Comparative Politics

Seminar Vergleichende Politikwissenschaft

The seminars, which cover a variety of topics, deal with a narrower topic from comparative political science (e.g., a particular system of government [from a comparative perspective], specific institutions [e.g., parliaments], or selected groups of actors [e.g., political parties]). Each seminar also covers a specific research method that is particularly relevant in the field of comparative political science. Students work individually or in small groups to familiarize themselves with the standard theoretical and empirical literature on a topic and present the results of their own research and reading in the seminar. The focus is on the development of clear empirical questions, supported by the seminar leader and participants, and their scientific implementation with critical reference to suitable theoretical approaches to analysis.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for undergraduate students (weekly two-hour seminars)
- ECTS: 6 (3*)

*Seminar-based modules may be offered as Seminar (small) with 3 ECTS for some students. This means that fewer performance assessments are required and therefore only three ECTS are awarded. Please ask the lecturer if this option is available for the selected course.

Advanced Undergraduate Studies (3rd year) **(Bachelor in Political Science)**

PWB-VP-VS Advanced Seminar Comparative Politics

Vertiefungsseminar Vergleichende Politikwissenschaft

The thematically diverse seminars delve deeper into a narrower topic in comparative government studies, such as a particular system of government (from a comparative perspective), specific institutions (e.g., electoral systems), or selected groups of actors (e.g., political parties or social movement organizations). Students work individually or in small groups to familiarize themselves with the standard and research literature on a topic and present the results of their own research in the seminar. The focus is on the independent development of clear empirical questions and their scientific implementation with critical reference to suitable theoretical approaches to analysis.

- Language: German or English
- Semester: Winter and summer semester

- Teaching Method: Seminar-based module (Seminar) for advanced undergraduate students (weekly two-hour seminars)
- ECTS: 9

Advanced Studies (Master in Political Science)

PWM-VP-V Lecture Comparative Politics I

Vorlesung (MA) Vergleichende Politikwissenschaft I

This English-language lecture will first examine common approaches of “new institutionalism” in comparative political science, focusing on normative, historical, sociological, and rational-utilitarian approaches. The second part of the course will cover influential theories and analyses of the design, impact, operating conditions, and change of political institutions in modern systems of government from a rational choice perspective.

- Language: German or English
- Semester: Summer semester
- Teaching Method: Lecture-based module (Vorlesung) for graduate students (weekly two-hour lectures)
- ECTS: 6

PWM-VP-HS2 Master’s Seminar Comparative Politics II/

Hauptseminar Vergleichende Politikwissenschaft II

Building on and expanding upon the module group on political science methods, this seminar uses selected texts from research literature to discuss fundamental methodological issues in comparative political science in detail. Depending on the content focus of the seminar, these may include, for example, case studies, process analyses, qualitative or quantitative studies with a small to medium number of cases, quantitative studies with a large number of cases, or quantitative multilevel analyses. Depending on the focus of the seminar, these may include, for example, case studies, process analyses, qualitative or quantitative studies with a small to medium number of cases, quantitative studies with a large number of cases, or quantitative multilevel analyses.

Although the methodological issues are developed using specific studies or cases as examples, the focus is on understanding and critically evaluating the choice of methods. In addition, participating students will be introduced to the selection of suitable research methods for their own investigations (e.g., their own master's thesis). In this context, they will be enabled to justify their selection and critically evaluate its advantages and disadvantages.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

PWM-VP-HS3 Master’s Seminar Comparative Politics III

Hauptseminar Vergleichende Politikwissenschaft III

In this seminar, participants develop in-depth specialist knowledge in selected areas of comparative political science through independent reading, presentations, joint discussions, and written assignments. They also develop their ability to analyse complex political problems in a theory-driven and methodologically critical manner by engaging with the relevant specialist literature.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

PWM-VP-HS4 Master's Seminar Comparative Politics IV*Hauptseminar Vergleichende Politikwissenschaft IV*

The seminar deals with topics of German politics from an analytical perspective, including comparative references. Central institutions of the German government system, important actors, and political processes in the German multi-level system are examined empirically, with analytical research questions arising from comparisons with other political systems on the one hand, and from relevant theoretical discussions in the research literature on the other. Through independent reading, presentations, joint discussions, and written assignments, participants will acquire in-depth specialist knowledge in the analytically motivated study of German politics. At the same time, by engaging with the relevant specialist literature, they will develop their ability to analyze complex political problems in a theory-driven and methodologically critical manner.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

3.2.6 Comparative Public Policy

Prof. Dr. Carina Schmitt
 Chair of Policy Analysis
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel: +49 / 951 / 863-2624
carina.schmitt@uni-bamberg.de
www.uni-bamberg.de/policy

Bachelor Courses**Seminar Policy Analysis: Change Through Trade? European Trade Policy – Negotiation, Design, and Consequences****PWB-PF-S: Seminar Policy Analysis**

For decades, European trade policy has been linked to important foreign policy goals. Among other things, stable trade relations were expected to achieve development policy successes such as democratization and poverty reduction. In Europe, the hope was for inexpensive production sites and important sales markets. The guiding principle of “change through trade” brought these promises together under one umbrella. However, this fundamental paradigm has increasingly come under criticism, at the latest since the beginning of the war in Ukraine.

In this seminar, we will jointly analyze to what extent the idea of “change through trade” still applies today and whether it was meaningful in the past. To do this, we will examine how European trade policy emerged, how tariffs are negotiated, what forms trade agreements can take, and finally, what their consequences are.

- **Language:** German
- **Semester:** Winter semester
- **Teaching method:** Seminar
- **ECTS:** 6

Comparative Social Policy: Theories, Methods and Empirical Applications*PWB-PF-VS: Advanced Seminar Policy Analysis*

In this seminar, central questions and findings of comparative social policy research will be discussed. Subsequently, methods and procedures will be taught which are necessary to implement empirical analyses in

this field of research independently. The goal of the seminar is that the students have an overview of the literature on comparative social policy research, gain concrete insights into applied research practice, and are able to empirically implement their own research questions on the topic.

Materials and literature will be provided in the virtual campus.

- Language: German
- Semester: Winter semester
- Teaching Method: Specialized seminar
- ECTS: 8

Master Courses

Political Economy

PWM-PF-V: Lecture Policy Analysis I

The lecture deals with the interactions between politics and economy. The first part of the lecture copes with important basics of economics and gives an overview of the history of concepts and important theories of economics. The second part introduces concepts, theories and methods of modern political economy. Examples of issues are: New institutional economics, game theory, international trade theory, the theory of public goods and public finance basics. The third part shows how the previously learned approaches and methods can be applied to important policy fields. Examples of issues are: current research on the varieties of capitalism, comparative welfare state research, tax and fiscal policy, financial regulation and the question of economic governance capacity under conditions of globalization.

The aim of the lecture is to get a better understanding of the relation between state and market. Furthermore, the participants should be able to interpret current events, by the use of the knowledge they achieved in the lecture.

Materials and literature will be provided in the virtual campus.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

War and of Social Policy

PWM-PF-HS3: Master's Seminar Policy Analysis III

The effect of wars on socio-political development dynamics has long been discussed in the welfare state literature and, in recent years, has increasingly been subject to empirical analysis. War is the source of immense human suffering and massive destruction. However, wars have also had a lasting impact on the development of the welfare state—from the introduction of civilian social protection programs to welfare measures as tools of propaganda. Social policy measures such as disability benefits and pensions are, on the one hand, a direct response to the social needs arising from the events of war. On the other hand, wars also have indirect effects, for example, on a country's electoral system, political power relations, administrative structures, and resource availability. The aim of the seminar is to examine, from a global perspective, the influence of different types of conflict—such as interstate wars, civil wars, and the Cold War—on social policy inclusion and benefit dynamics.

Materials and literature will be provided in the virtual campus.

- Language: German
- Semester: Winter semester
- Teaching Method: Advanced seminar
- ECTS: 8

3.2.7 Empirical Political Science

Prof. Dr. Ulrich Sieberer
 Chair of Empirical Political Science
 University of Bamberg
 Feldkirchenstraße 21, Room FG1 01.04
 D-96052 Bamberg
 Tel: +49 / 951 / 863 2805
ulrich.sieberer@uni-bamberg.de
www.uni-bamberg.de/emppol/team/prof-dr-ulrich-sieberer/

Bachelor Courses

The chair offers courses mainly in the area of comparative politics. The generic titles and types of courses are the same as those listed by the Chair of Comparative Politics (Prof. Dr. Thomas Saalfeld). The contents of the courses differ between semesters. For further information on the types of courses please refer to Section 3.2.5. of this guide. For up-to-date information, please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

PWB-VP-S Seminar-Comparative Politics

Seminar Vergleichende Politikwissenschaft

The seminars, which cover a variety of topics, deal with a narrower topic in comparative politics (e.g., a particular system of government [from a comparative perspective], specific institutions [e.g., parliaments], or selected groups of actors [e.g., political parties]). Each seminar also covers a specific research method that is particularly relevant in the field of comparative politics. Students work individually or in small groups to familiarize themselves with the standard theoretical and empirical literature on a topic and present the results of assigned readings and their own research in the seminar. The focus is on developing clear empirical questions, supported by the seminar leader and participants, and their scientific implementation with critical reference to suitable theoretical approaches to analysis.

For up-to-date information, please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for undergraduate students
- ECTS: 6 (3*)

*Seminar-based modules may be offered as Seminar (small) with 3 ECTS for some students with reduced course requirements. Please ask the lecturer if this option is available for the selected course.

PWB-VP-VS Advanced Seminar-Comparative Politics

Vertiefungsseminar Vergleichende Politikwissenschaft

The thematically diverse seminars delve deeper into a narrower topic in comparative politics, such as a particular system of government (from a comparative perspective), specific institutions (e.g., electoral systems), or selected groups of actors (e.g., political parties or social movements). Students work individually or in small groups to familiarize themselves with the standard and research literature on a topic and present the results of their own research in the seminar. The focus is on the independent development of clear empirical questions and their scientific implementation with critical reference to suitable theoretical approaches to analysis.

For up-to-date information, please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>.

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for undergraduate students
- ECTS: 9

Master Courses

The Professorship offers courses mainly in the area of comparative politics and political science methods. The generic titles and types of courses are the same as those listed by the Chair of Comparative Politics (Prof. Dr. Thomas Saalfeld). The contents of the courses differ between semesters. For further information please refer to Section 3.2.5. of this guide. For up-to-date information, please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

PWM-VP-HS2 Master's Seminar Comparative Politics II/

Hauptseminar Vergleichende Politikwissenschaft II

Building on and expanding upon the module group on political science methods, this seminar uses selected texts from research literature to discuss fundamental methodological issues in comparative politics in detail. Depending on the substantive focus of the seminar, these may include, for example, case studies, process analyses, qualitative or quantitative studies with a small to medium number of cases, quantitative studies with a large number of cases, or quantitative multilevel analyses. Although the methodological issues are developed using specific studies or cases as examples, the focus is on understanding and critically evaluating the choice of methods. In addition, students will be introduced to the selection of suitable research methods for their own studies (e.g., their own master's thesis). In this context, they will be enabled to justify their selection and critically evaluate its advantages and disadvantages.

For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

PWM-VP-HS3 Master's Seminar Comparative Politics III

Hauptseminar Vergleichende Politikwissenschaft III

In this seminar, participants develop in-depth specialist knowledge in selected areas of comparative politics through independent reading, presentations, joint discussions, and written assignments. They also develop their ability to analyze complex political problems in a theory-driven and methodologically critical manner by engaging with the relevant specialist literature.

For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

- Language: German or English
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students (weekly two-hour seminars)
- ECTS: 8

PWM-ME-HS3 Master's Seminar Political Research Methods III

Hauptseminar Politikwissenschaftliche Methoden III

The seminar covers basic and advanced methods of quantitative social research. It starts with descriptive statistics and proceeds up to linear regression. The methods covered are first taught theoretically and then explained and explored in greater depth using practical examples from political science research. In addition, course participants apply the methods taught in practical sessions during the seminar using the R statistical software.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture-based module for graduate students. Practical exercises.
- ECTS: 8

PWM-ME-HS5 Master's Seminar Methods of Political Science V*Hauptseminar Politikwissenschaftliche Methoden V*

The seminar deals with fundamental questions of empirical-analytical research design. The focus is on causal inference from the perspective of the potential outcomes framework and mechanistic approaches. The following questions are central: (1) What fundamental steps must be taken when planning empirical-analytical research? (2) What do we mean when we speak of causality in social science explanations? (3) How can conclusions about causal relationships be drawn from empirical data? (4) How can we implement causal analysis using experimental, quantitative and qualitative research designs? The seminar addresses these questions based on methodological literature and application examples from various subfields of political sciences. The focus is on conceptual problems of the research design process. Specific methods are therefore discussed primarily in relation to their underlying logic of inference (e.g., why and how do panel designs allow the identification of causal effects?); they are not dealt with in their technical details (e.g., how exactly is a logistic panel regression estimated?).

For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar-based module for graduate students
- ECTS: 8

PWM-ME-WS1 Workshop Methods of Political Science: Introduction to R*Workshop Politikwissenschaftliche Methoden*

This hands-on workshop offers a gentle yet thorough introduction to R, a freely available software package designed for statistical computing and data visualization. R is among the most popular data analysis tools in academia and industry, and it is used in several seminars across the master's curriculum. The workshop introduces participants to the fundamental features of R, using the RStudio editor and the tidyverse package collection. The goal of the workshop is to lay a foundation for more advanced applications that participants may encounter in other seminars and enable them to conduct basic statistical analyses for their own projects as part of a term paper or master thesis.

The workshop is organized around the typical steps of a data analysis project, including data importing, cleaning, transformation for statistical modeling, data visualization, and basic descriptive and inferential analysis. Participants will also learn best practices for project organization and coding style guidelines. This workshop is suitable for complete novices as well as those with experience in other statistical software packages who are interested in learning R.

Note that this workshop does NOT count as one of the two methods courses that you have to take according to the examination regulations ("Prüfungsordnung"). The 3 ECTS points can be used in the distribution elective ("Erweiterungsbereich").

For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar-based module for graduate students
- ECTS: 3

PWM-VP-V Lecture Comparative Politics I*Vorlesung (MA) Vergleichende Politikwissenschaft I*

This English-language lecture first examines common approaches of "new institutionalism" in comparative political science, focusing on normative, historical, sociological, and rational-utilitarian approaches. The second part of the course covers influential theories and analyses of the design, impact, operating conditions, and change of political institutions in modern systems of government from a rational choice perspective.

For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture based module for graduate students
- ECTS: 6

3.3 Module Description: Law Coordination Office

3.3.1 Public Law and European Community Law

Represented by the Faculty of Law, University Erlangen-Nürnberg
Law Coordination Office
Feldkirchenstraße 21 / Room 00.88
D-96052 Bamberg
Tel: +49 / 951 / 863-2702
sekretariat.korewi@uni-bamberg.de
www.uni-bamberg.de/rechtswiss/leistungen/studium

Bachelor Courses

Public Law with European Reference

Öffentliches Recht mit Europabezug

Fields of Law; Cases and Subsumption; Basic Rights and State Organisation Law; EU Primary Law; Fundamental Freedoms of the EU

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture / practice
- ECTS: 6

German Public and Constitutional Law and European Community Law

Staats-, Verfassungs- und Europarecht

Selected Issues or German Constitutional Law and European Community Law

- Language: German
- Semester: Winter semester
- Teaching Method: Basic seminar
- ECTS: 6

Master Courses

German Constitutional Law

Staats- und Verfassungsrecht

Selected Issues or German State Organization Law and Basic Rights (with Relations to European Community Law)

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

European Community Law

Europarecht

EU Primary Law; Fundamental Freedoms of the EU; European legal acts; European Institutions (Council, EU-Parliament, European Council, EU-Commission, European Court of Justice, European Central Bank); Selected Policies

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Law of Nations / International Public Law

Völkerrecht

Selected Issues of the Law of Nations / International Law (e. g. International Asylum Law, International Criminal Law etc.)

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

International Trade Law

Internationales Wirtschaftsrecht

Selected Issues of World Trade Law (WTO) and Investment Protection Law

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture / practice
- ECTS: 6

3.3.2 Civil Law and Labour Law

Prof. Dr. Georg Caspers
Chair of Civil Law and Labour Law
Schillerstraße 1
91054 Erlangen, Germany
Tel: +49 / 9131 / 85-22817
wr1-arbeitsrecht@fau.de
www.wr1.rw.fau.de/

Master Courses

Labour law II (Collective labour law) [Recht-M-02]

Arbeitsrecht II (Kollektives Arbeitsrecht)

Main Lecturer: Prof. Dr. Georg Caspers

Introduction to German collective labour law:

Right of association, law of collective agreements, works constitution law

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

3.3.3 Tax Law

Prof. Dr. Michael Fischer

Chair of tax law

Apfelstraße 6

D-91054 Erlangen

Tel: +49 / 9131 / 85-70252

sekretariat.korewi@uni-bamberg.de (Frau Reinlein); barbara.mielsch@fau.de

www.uni-bamberg.de/sowi/koordinationsstelle-rechtswissenschaften/fachbereich-rechtswissenschaften-fau/

Bachelor Program

Introduction to commercial and corporate law [Recht-B-03]

Einführung in das Handels- und Gesellschaftsrecht

Main features of German commercial and corporate law:

term of businessman, form of organization, group law, capital market law

Knowledge of *Civil law* [Recht-B-02] strongly recommended!

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Master Courses

Corporate tax law [Recht-M-03]

Unternehmenssteuerrecht

Main features and detailed knowledge on German corporate tax law:

sole proprietorship, partnerships, corporate enterprises, company split-up

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Income tax law [Recht-M-04]

Einkommensteuerrecht

Main features and detailed knowledge on German income tax law:

liability for taxation, classification of types of taxable income, tax assessment, tax scale

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Value added tax law [Recht-M-05]

Umsatzsteuerrecht

Main features and detailed knowledge on **German** value added tax law:

term of businessman and corporation, systems of taxation, taxable base and tax rate, input tax reduction and tax collection

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture

- ECTS: 6

Law of capital companies including group law and commutation law [Recht-M-06]

Kapitalgesellschaftsrecht einschließlich Konzern- und Umwandlungsrecht

Main features and detailed knowledge on law of capital companies:

basic structure of capital companies, affiliated companies, group law, **reorganization**, transfer of an enterprise

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

3.4 Module Description: Sociology

3.4.1 Sociology of Europe and Globalization

Prof. Dr. Daniel Drewski
 Junior Professorship for Sociology of Europe and Globalization
 Feldkirchenstraße 21/01.23a
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-1640
daniel.drewski@uni-bamberg.de
www.uni-bamberg.de/eurosoz/

Bachelor Courses

Sociology of Globalisation and Global Citizenship

Soziologie der Globalisierung und Weltgesellschaft [BA Soz D.4.1 A]

Worldwide processes of transnational integration and convergence – commonly referred to as “globalization” – have been a major topic of debate in the social sciences in the past decades. To some extent, there was also talk of the possible emergence of a „global society“. In this seminar, we will discuss major sociological theories of globalization and global society. We will start with important predecessors like modernization theory and world systems theory, and then move on to theories like “McDonaldization”, “Glocalization”, or the “Clash of civilizations”. Finally, we will also discuss contemporary diagnoses of a “backlash” against globalization. The seminar focuses mainly on theoretical readings, but these will be illustrated with empirical examples and are, therefore, complementary to the lecture.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Culture and Inequality in International Comparison

Kultur und Ungleichheit im internationalen Vergleich [BA Soz D.4.1 G]

The description and explanation of social inequalities is a core task of sociology. In this seminar, we will explore classical and recent contributions of cultural sociology to these questions. We will examine how social inequalities interact with cultural processes, for example, through status distinctions and boundary making between social groups, or practices of classification and evaluation. We will read theoretical and empirical (mostly qualitative) contributions on this topic, taking into account international comparisons and transnational entanglements.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Sociology of Transnational Processes in International Studies: Global Crisis and Conflicts

Soziologie transnationaler Prozesse und internationaler Strukturen: Globale Krisen und Konflikte [BA Soz D.4.1C]

It has by now become well known and is hardly disputed: ‘After the crisis is before the crisis.’ This course addresses the term crisis, which has been used both inflationarily and diffusely for decades, with the aim of analyzing crisis phenomena as social constructs that emerge from the interplay between objective conditions and subjective perceptions. The course is structured into three parts: In the first part, theoretical discussions about the concept of crisis are conducted from historical and cultural-sociological perspectives. The relationship between crisis, modernization, and globalization is at the center of attention (R. Koselleck, U. Beck, A. Nassehi,

among others). Building on this, the second part of the seminar examines major global crises of the 20th and 21st centuries – including the financial crisis, the refugee crisis, climate change, the COVID-19 pandemic, and humanitarian crises. Special attention is given to the conflicts that arise from crises, accompany them, or are exacerbated by them. Fields of conflict under consideration include science, politics, the economy, consumer behavior, and lifestyles. The third part explores how successive or simultaneously occurring multiple crises unfold differently on global, regional, and local levels. The focus lies here on the question of whether and to what extent the interconnected world is changed under the conditions of such constellations of crises.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Advanced Sociological Theory: Sociology of Time

Vertiefung Allgemeine Soziologie: Soziologie der Zeit [BA Soz E.1.2]

The seminar aims to examine the commonly used concept of time from a sociological perspective and to explore its significance in historical and social contexts. It is divided into three parts: The first part provides a conceptual as well as chronological overview of time, temporal perception, and temporal consciousness. Drawing on classical sociological approaches, the discussion emphasizes that time is a key factor for social action and for the construction of the social world. The relationship between temporal structures and social structures is examined chronologically, from pre-modernity through modernity to post-modernity. The second part addresses the transformation of temporal consciousness and temporal structures in modern societies. Modernization is characterized by a linear, future-oriented understanding of time, by discipline through time planning, and by individual and organizational time management. Central here are processes of reification, intensification, acceleration, and optimization of social practices. The third part discusses current phenomena that differ from those of modernity. Examples include past-oriented regressions (e.g. Reichsbürger), variable life courses (e.g. patchwork biographies), debates on the temporal dimension of democracy, and the separation of working time and employment (e.g. basic income). The seminar concludes with a discussion of the extent to which contemporary tendencies within the temporal organization of social life can be influenced or possibly reshaped.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Master Courses

Debating Migration and Borders

Debatten zu Migrations- und Grenzpolitik [MASOZ-EGS2, MASOZ-EGS3]

Processes of globalization and the multiplication of crises worldwide have led to an increase in international migration movements over the past decades. This development has sparked controversial debates in destination countries about the extent to which they should control their borders and accept and reject migrants. Starting from this question, this research seminar examines normative debates and public discourses on migration, as well as political conflicts surrounding the opening and closing of borders.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Online- and Internet research: Research Internship II

Forschungspraktikum Kommunikation und Internet: Online- und Internetforschung II [MASOZ-KM13]

The two-semester Research Internship provides students with the opportunity to design and conduct an independent research project in small groups within the field of digital communication. The focus is placed on the contents and forms of online communication as well as their interrelations with offline communication processes.

In this second semester of the online- and Internet research, students implement their projects on the basis of the research proposal developed during the preceding summer semester. Research Internship II is dedicated to the methodological implementation of the project and to collaborative discussions concerning intersubjective reliability and other central aspects of the research process. The practicum concludes with the submission of a final project report.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Sociology of Social Conflicts: Sociology of Emotions

Soziologie sozialer Konflikte: Soziologie der Emotionen [MASOZ-EGS2, MASOZ-ST2]

The seminar examines emotions from a sociological perspective, with particular emphasis on their role in the emergence and development of social conflicts. It is structured into three parts: The first part introduces sociological approaches to emotions, complemented by biological-Darwinian, neurobiological-psychoanalytic, and philosophical-anthropological perspectives. Building on cultural-sociological approaches, the second part explores how conflicts arise within social relationships. Particular attention is given to the ways in which emotions such as jealousy, shame, frustration, hatred, resentment, and anger contribute to the definition of situations and the construction of conflicts. The third part focuses on social movements as collective entities that emerge from social conflicts. Here, recent debates on the relationship between emotions and social movements are addressed, with a particular focus on right-wing populism as a contemporary social movement.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

3.4.2 Labour Research

Prof. Dr. Matthias Dütsch
 Professorship of sociology, especially work and employment
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel: +49 / 951 / 863-2559
matthias.duetsch@uni-bamberg.de
www.uni-bamberg.de/arbeitsforschung/

Master Program

New Developments of Labour Market Research: Labour market theories (part of the module MA SOZ POA3 Economy and Labour Market)

Neue Entwicklungen der Arbeitsmarktforschung: Theorien des Arbeitsmarktes [Part of the module MA SOZ POA3 Wirtschaft und Arbeitsmarkt.]

In this seminar theories on labour markets will be discussed, consequences for individuals, companies and the economy will be identified and current empirical studies dealing with the corresponding labour market theories will be reviewed.

- Language: German
- Semester: Summer semester
- Teaching Method: seminar
- ECTS: 12 (only for attending the complete module!)

3.4.3 Demography

Prof. Dr. Henriette Engelhardt-Wölfler
 Professorship of Demography
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2645
henriette.engelhardt-woelfler@uni-bamberg.de
www.uni-bamberg.de/demografie

Bachelor Courses

Population and health: Unpaid labor in couples and families

Bevölkerung und Gesundheit: Unbezahlte Arbeit in Paarbeziehungen und Familien

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Introduction to Population Studies

Einführung in die Bevölkerungswissenschaft

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture and seminar
- ECTS: 5

Master Courses

Research Seminar Population and Family Studies

Forschungspraktikum Bevölkerung und Familie

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 12

Population Studies: Methods in Epidemiology and Demography

Bevölkerung: Methods in Epidemiology and Demography

The course discusses key epidemiological and demographic methods relevant for public health, including measures and models for morbidity and mortality, as well as measures which combine mortality and morbidity. In particular, age-specific rates and probabilities, incidence and prevalence, age-standardization, population ageing, life expectancy and health expectancy (e.g., active life expectancy, disability-free life expectancy, disability-adjusted life expectancy, quality-adjusted life expectancy, dementia-free life expectancy and health capital), as well as models of infectious diseases will be discussed.

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Population and Family Studies: Introduction to urban and environmental sociology: understanding and analysing the (non-)urban through sociological and interdisciplinary lenses

- Language: German/English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

3.4.4 Methods of Empirical Social Research

Prof. Dr. Michael Gebel
Chair of Sociology, especially Methods of Empirical Social Research
Feldkirchenstraße 21
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Bachelor Program

Module Methods of Empirical Social Research and Statistics

Modulgruppe Methoden der empirischen Sozialforschung und Statistik

Introduction to Methods of Empirical Social Research Part I

Einführung in die Methoden der empirischen Sozialforschung Teil I [BA Soz B.1.1]

This lecture introduces to methods of empirical social research.

- Language: German
- Semester: Winter
- Teaching Method: Lecture
- ECTS: 5

Introduction to Methods of Empirical Social Research Part II

Einführung in die Methoden der empirischen Sozialforschung Teil II [BA Soz B.1.2]

This lecture continues the introduction to methods of empirical social research.

- Language: German
- Semester: Summer
- Teaching Method: Lecture
- ECTS: 5

Empirical Research Laboratory Part I: Data collection

Soziologisches Forschungspraktikum Teil I: Datenerhebung [BA Soz B.2.1a]

The Empirical Research Laboratory Part I deals with data collection.

- Language: German
- Semester: Winter
- Teaching Method: lecture/seminar/exercise course
- ECTS: 12

Empirical Research Laboratory Part II: Data analysis

Soziologisches Forschungspraktikum Teil II: Datenanalyse [BA Soz B.2.2a]

The Empirical Research Laboratory Part II deals with data analysis.

- Language: German
- Semester: Summer
- Teaching Method: lecture/seminar/exercise course/
- ECTS: 12

Master Courses

Group of modules “Methods of Empirical Social Research” (MASOZ B) and group of modules “Major Field of Study: Empirical Social Research” (MASOZ C3)

Modulgruppe Methoden der empirischen Sozialforschung (MASOZ B) und Modulgruppe Studienschwerpunkt Empirische Sozialforschung (MASOZ C3)

Research Design

Forschungsdesigns [MASOZ-MES1]

This course deals with research designs.

- Language: English
- Semester: Winter
- Teaching Method: Lecture and exercise course
- ECTS: 6

Advanced Techniques in Cross-Sectional Analysis

Fortgeschrittene Verfahren der Querschnittsanalyse [MASOZ-MES3]

Each of these courses deals with advanced techniques in cross-sectional analysis.

- Language: English
- Semester: Summer
- Teaching Method: Seminar
- ECTS: 12

Advanced Techniques in Longitudinal Analysis

Fortgeschrittene Verfahren der Längsschnittanalyse [MASOZ-MES4]

Each of these courses deals with advanced techniques in longitudinal analysis.

- Language: English
- Semester: Winter
- Teaching Method: Seminar
- ECTS: 12

Advanced Techniques in Multi-Level Analysis and International Comparison

Fortgeschrittene Verfahren der Mehrebenenanalyse und des internationalen Vergleichs [MASOZ-MES5]

Each of these courses deals with advanced techniques in multi-level analysis and international comparison.

- Language: English
- Semester: Summer
- Teaching Method: Seminar
- ECTS: 12

Methods of Qualitative Social Sciences

Methoden der qualitativen Sozialforschung [MASOZ-MES6]

Each of these courses deals with advanced techniques in qualitative data collection and analysis.

- Language: English or German
- Semester: Summer
- Teaching Method: Seminar
- ECTS: 12

3.4.5 Chair of Sociology, with special emphasis on Social Inequalities

Prof. Dr. Rasmus Hoffmann
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 Tel: +49 / 951 / 863-2591 (-2596)
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<https://www.uni-bamberg.de/sozungleichheit/>

Bachelor Courses

Module:

BA Soz D.1.1 H 1 Lebenslauf und soziale Ungleichheit/ Life course and social inequality

BA Soz D.1.1 A 1 Bildung im Lebenslauf/ Education in the Life Course

Introduction to the Sociology of Education

Einführung in die Bildungssoziologie

Since the publication of the so-called PISA studies, there has been (more) intensive discussion about education and “educational reforms” in Germany. Against this background, this bachelor seminar will focus on central functions and structures of the German educational system. The focus will be on empirical research that deals with the (re-)production of social inequalities through the educational system (gender, migration background, social origin). Inter- and intra-generational processes of mobility will play a role as well as educational processes as a formative component of life courses. The requirements for the acquisition of certificates for this seminar will be announced at the beginning of the seminar; A detailed schedule and a detailed list of literature will be published before the first week of the seminar.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Modul: BA Soz D.2.1 D 1 Ausgewählte Probleme der Migrationssoziologie/ Selected topics in the sociology of migration

Migration, social inequality and social cohesion

Migration, soziale Ungleichheit und sozialer Zusammenhalt

In Germany, around every fourth person currently has a so-called migration background, i.e. either immigrated themselves or was born to immigrants. This increases the heterogeneity of the population and raises the question of social inequalities between people with and without a migration background and the integration processes of migrants and their descendants. Topics in this bachelor-seminar are

- 1) theoretical foundations for the integration of migrants,
- 2) empirical findings for the structural integration of migrants with a focus on education and the labor market,
- 3) theoretical approaches to explaining discrimination and empirical findings,
- 4) effects of migrants and refugees on social inequality, including the subjectively perceived social inequality that strengthens resentment towards foreigners in some sections of the population.

The regional focus is on Germany and the comparison with other Western European countries and North America.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 5

Modul: BA Soz D.1.1 A 1 Bildung im Lebenslauf/ Education in the Life Course

School and Health

Schule und Gesundheit

1. The investigation of existing social inequalities during the school career is an integral part of sociological research. In this context, reference is regularly made to the importance of social differences in performance, subjective perceptions of further education and its benefits, information, motives for maintaining status and stereotyping on the part of teachers in explaining existing inequalities. Less attention is paid to health aspects. Based on sociological theories, it can be assumed that the health of pupils, parents and teachers contribute to existing inequalities. The seminar picks up here and provides an in-depth introduction to this topic. After an introduction to basic concepts of sociological education and health research, students should develop sociologically relevant questions in the course of the seminar, which will be presented at the end of the seminar in the form of their own poster presentations. In the course of the seminar, smaller assignments (e.g. writing small texts on the motivation of the research question and on theoretical and methodological aspects) must also be completed. In addition to teaching important theoretical and scientific principles of the sociology of education and health, the focus is on the independent development of a relevant sociological research question and its possible answer.

2.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Modul: BA Soz E.1.2 Vertiefung allgemeine Soziologie/ Advanced Sociological Theory

Reading seminar on the book "Rational Choice" from Itzhak Gilboa

3. *Lektüreseminar zum Buch "Rational Choice" von Itzhak Gilboa*

4. A nontechnical, concise, and rigorous introduction to the rational choice paradigm, focusing on basic insights applicable in fields ranging from economics to philosophy.

This book offers a rigorous, concise, and nontechnical introduction to some of the fundamental insights of rational choice theory. It draws on formal theories of microeconomics, decision making, games, and social choice, and on ideas developed in philosophy, psychology, and sociology. Itzhak Gilboa argues that economic theory has provided a set of powerful models and broad insights that have changed the way we think about everyday life. He focuses on basic insights of the rational choice paradigm—the general conceptualization rather than a particular theory—that survive recent (and well-justified) critiques of economic theory's various failures. Gilboa explains the main concepts in language accessible to the nonspecialist, offering a nonmathematical guide to some of the main ideas developed in economic theory in the second half of the twentieth century.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 5

Master Courses

Modul: MASOZ-BAU1 Bildung und Arbeit im Lebensverlauf/ Education and Labour in the Life Course

Labor Market and Health

Labor Market and Health

The reciprocal relationship between individuals' health and labor market outcomes is a central topic of modern social science research. My seminar introduces main theoretical models and empirical findings of this research area. First, the seminar introduces broader theoretical conceptions that link labor market outcomes to individuals' health and health to labor market integration. In this vein, the seminar also introduces relevant

work-stress models. Second, the course discusses the role of health during educational processes for status attainment (i.e., health selection and causation). Third, the course introduces relevant empirical papers that scrutinize the relationship between health and individual-level labor market conditions and statuses (e.g., unemployment, working hours), meso-level characteristics (e.g., shift work, firms, occupations), and macro-level phenomena (e.g., recessions or health systems). The seminar addresses students who are interested in deepening their knowledge on the importance of health for labor market processes thereby strengthening their understanding of empirical research. Students are expected to read at least one empirical paper a week, which constitutes the basis of weekly presentations and discussions. In addition to one presentation, students write up to three one-paged thesis papers (that summarize the mandatory weekly research paper) and a short final term paper. (Note that the seminar language will be German, in case only native speakers should participate).

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 12

5.

Modul: MASOZ-BAU2 Ungleichheit und Sozialstruktur/ Inequality and Social Structure

Environment and Health

Environment and Health

In this master seminar, we want to explore the relationship between societies and nature, which means the nature of the individual body and the natural environment, and we do this on the basis of the topics of environment and health. Since the industrialization, average health has greatly improved, but the state of the ecosystem has greatly deteriorated. This, in turn, is a major thread for our future health, which is increasingly recognized as a conflict in new concepts of public health such as One Health or Planetary Health. These connections become particularly clear in view of the corona epidemic and the climate crisis, which is why we use these crises as examples to discuss interesting sociological and public health topics, e.g. theoretical approaches in environmental sociology, social influences on health and the environment, (new) environmental risk factor for health, the role of (natural) sciences, climate or corona deniers, the issue of individual freedom in dealing with health and the environment, and the concept of sustainability and its relation to social justice. Finally, we deal with the currently discussed (political) solutions to the environmental crisis and their social acceptance. The aim is to begin to understand why societies are not able to implement the necessary measures to secure their own basis of existence. The seminar is based on careful reading of scientific literature and other more journalistic sources, as well as on our discussions of current political and fundamental sociological and public health issues. I look forward to discussing this exciting topic with you!

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 12

3.4.6 Migration Research

Prof. Dr. Yuliya Kosyakova
 Professorship for migration research
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Bachelor Courses

Migration and Labour Market

Migration- und Arbeitsmarkt

Modul: B-MIFO-0 Seminar Migration and Labour Market

B-MIFO-0 Seminar Migration und Arbeitsmarkt

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Selected Problems of Migration research

Ausgewählte Probleme der Migrationsforschung

Modul: B-MIFO-1 Seminar Migration research

B-MIFO-1 Seminar Migrationsforschung

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 5

Theory and Politics of European Economic Integration

Theorie und Politik der europäischen Wirtschaftsintegration

Modul: B-MIFO-2 Lecture Migration Research

B-MIFO-2 Vorlesung Migrationsforschung

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Master Courses

Advanced Topics in the Sociology of Migration

Fortgeschrittene Themen der Migrationssoziologie

Modul: MASOZ_MI1 Advanced Topics in the Sociology of Migration

MASOZ_MI1 Fortgeschrittene Themen der Migrationssoziologie

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 12

Ethnic Inequality

Ethnische Ungleichheiten

Modul: MASOZ-MI2 – Ethnic Inequalities

MASOZ-MI2 – Ethnische Ungleichheit

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 12

Research on migration and integration*Aktuelle Befunde der Migrations- und Integrationsforschung*Modul: MASOZ-MI3 – Research on migration and integration

MASOZ-MI3 – Aktuelle Befunde der Migrations- und Integrationsforschung

MAEES 9.2 Migration Studies

MAEES 9.2 Migrationsforschung

- Language: English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 12 / Research on migration and integration
- ECTS: 6 / Migration Studies

3.4.7 Social Stratification

Prof. Dr. Cornelia Kristen

Chair for Sociology, esp. Social Stratification

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cornelia.kristen@uni-bamberg.dewww.uni-bamberg.de/en/sozstruk/**Bachelor Courses****Social Structures I and II***Sozialstruktur im internationalen Vergleich 1 und 2*

(Lecture alternately offered by Prof. Dr. Cornelia Kristen and Prof. Dr. Rasmus Hoffmann)

The lecture addresses Germany's social structure in a cross-national perspective.

Module: A.2: Analysis of Social Structures

A.2: Soziologische Grundlagen: A.2 Sozialstrukturanalyse

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Lecture
- ECTS: 10

Introduction to the Sociology of Migration*Einführung in die Migrationssoziologie*

The lecture introduces into the sociology of immigration. It addresses processes of migration and integration.

Modul: D.2.1 B: Major Field of Study: Population, Migration and Integration

D.2.1 B: Studienschwerpunkt: Bevölkerung, Migration und Integration

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 5

Selected Problems of the Sociology of Migration*Ausgewählte Probleme der Migrationssoziologie*

Each of these seminars introduces into research questions in the field of migration and integration. Topics include causes of international migration as well as conditions, which foster integration into different societal

areas (e.g. language acquisition, educational and labor market success, inter-ethnic contacts, social distances, ethnic identifications and belonging).

Modul: D.1.1 F: Major Field of Study: Education Employment, Family and the Life Course

D.2.1 D: Major Field of Study: Population, Migration and Integration

E.1: Context Study

D.1.1 F: Studienschwerpunkt Bildung, Arbeit, Familie und Lebenslauf

D.2.1 D: Studienschwerpunkt: Bevölkerung, Migration und Integration

E.1: Kontextstudium

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 5

Selected Problems of Social Stratification

Ausgewählte Probleme der Sozialstrukturanalyse

Each of these seminars introduces into research questions in the field of social stratification.

Modul: D.1.1 H: Major Field of Study: Education Employment, Family and the Life Course

D.2.1 E: Major Field of Study: Population, Migration and Integration

E.1: Context Study

D.1.1 H: Studienschwerpunkt Bildung, Arbeit, Familie und Lebenslauf

D.2.1 E: Studienschwerpunkt: Bevölkerung, Migration und Integration

E.1: Kontextstudium

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 5

Master Courses

Advanced Topics in the Sociology of Migration

Fortgeschrittene Themen der Migrationssoziologie

These courses introduce students to selected topics in migration research. They address the causes of international migration as well as the conditions of host-society integration. Each course links theoretical considerations with empirical evidence.

Modul: MASOZ_MI1 Advanced Topics in the Sociology of Migration

MASOZ_MI1 *Fortgeschrittene Themen der Migrationssoziologie*

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Seminar, Lecture, Research practice course
- ECTS: 12

Ethnic Inequality

Ethnische Ungleichheiten

These courses introduce students to the conditions generating ethnic inequality in modern societies. For selected dimensions of inequality, students discuss general mechanisms of generating social inequality as well as the migrant-specific conditions associated with ethnic inequality. Each course links theoretical considerations with empirical evidence.

Modul: MASOZ-MI2 – Ethnic Inequalities

MASOZ-MI2 – *Ethnische Ungleichheit*

- Language: English
- Semester: Winter and summer semester

- Teaching Method: Seminar, Lecture, Research practice course
- ECTS: 12

Research on migration and integration

Aktuelle Befunde der Migrations- und Integrationsforschung

In these courses, students tackle complex topics of research on migration and integration. Courses place a special focus on current migration streams and their consequences. They deal with questions regarding the causes of international migration as well as the conditions of host-society integration. Each course links theoretical considerations with empirical evidence.

Modul: MASOZ-MI3 – Research on migration and integration

MASOZ-MI3 – Aktuelle Befunde der Migrations- und Integrationsforschung

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Seminar, Lecture, Research practice course
- ECTS: 12

3.4.8 Chair of Sociology with Focus on Digital Media

Prof. Dr. Isabel Kusche

Chair of Sociology with Focus on Digital Media

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Bachelor Courses

Digital media and media systems

Digitale Medien und Mediensysteme

Courses focus on the entanglements of mass media, which are based on journalistic content, and social media, which are predominantly based on user-generated content but also include content sourced from mass media. Courses address issues such as the relationships to audiences that these media shape or the role of institutional contexts.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar
- ECTS: 5

Sociology of Media Communication: Introduction to the Sociology of Media:

Soziologie der medialen Kommunikation: Einführung in die Mediensoziologie:

The seminar gives an overview of theories and topics that are relevant in the sociological analysis of mass media and social media platforms.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Master Courses

Communication, Media and the Public Sphere:

Kommunikation, Medien und Öffentlichkeit:

Courses focus on the notion of the public sphere and the multiplication or possible fragmentation of publics in the context of a changing media landscape due to digital transformations.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Advanced seminar
- ECTS: 12

Technology, Internet and Society:

Technik, Internet und Gesellschaft:

Courses analyse communication infrastructures, in particular digital platforms, and the role of algorithms and data in shaping patterns of public and private communication in contemporary society.

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Advanced seminar
- ECTS: 12

3.4.9 Chair of Sociology, especially Family and Work

Prof. Dr. Katja Möhring

Chair of Sociology, especially Family and Work

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Master Courses in winter term 2025/26

Inequality and social structure: Inequality in couples [Ungleichheit und Sozialstruktur]

Ungleichheit und Sozialstruktur: Inequality in couples

Romantic relationships shape our lives, offering emotional support, companionship, and economic resources—but they are also key sites where social and economic inequalities emerge and persist. This module explores such inequalities among co-residential couples across the life course, from union formation to dissolution. We will critically engage with theory-driven empirical research (in English) on inequalities within and between couples, including the division of labor, finances, attitudes, and well-being. You will develop a critical understanding of the research field, data availability, and limitations, incorporating intersectional and queer perspectives where feasible. Preparatory readings are mandatory and form the basis for in-depth class discussions. Over the semester, you will develop your own research agenda using data from the Generations and Gender Survey (GGG-II), gaining hands-on experience in empirical research. A collaboratively scheduled block session in November/December will support this process. Prior knowledge of regression analysis and Stata is required. Before Christmas, you will present your preliminary analyses in a poster session. Afterwards, you will continue working individually on your research reports. The seminar will be conducted in English.

Learning goals:

Overview of key research questions and approaches, critical examination of the empirical literature, data analysis in STATA, communicating research findings through poster presentations and written reports.

- Language: English
- Semester: any Master semester
- Teaching Method: Seminar (instructor's input, students' presentations, discussion)

- ECTS: 6

Inequality and social structure: Women's work over the life course

Ungleichheit und Sozialstruktur: Women's work over the life course

Even in developed welfare states, gender inequality is persistent in many areas of life. This becomes visible in gendered occupation and field of study choices, the gender pay gap, gender differences in working hours and the takeover of unpaid care work, and, finally, the gender pension gap and differences in later life activities. A life course perspective is suitable to study the extent, causes, and consequences of these gender inequalities as it systematically integrates institutional/cultural, individual, and family level explanatory factors and provides a framework to understand processes of cumulative (dis)advantage and how these relate to normative expectations on "standard" female life courses. The seminar will start with sessions to understand the life course perspective and relevant approaches in feminist welfare state research. Then the focus will be on empirical, mostly quantitative studies representing current research on women's participation in paid and unpaid (care) work over the life course. Topics will be arranged following the life course phases covering overeducation, employment and wage gaps, working hours, care work and retirement. Intersectional perspectives will be integrated where suitable. At the end of the seminar, participants will get an introduction on how to write a research project application and will have the opportunity to present their own research idea as preparation for the term paper.

Learning goals:

Overview of relevant research questions and approaches, critical examination of the empirical literature, learning to write a research proposal

- Language: English
- Semester: any master semester
- Teaching Method: Seminar (instructor's input, students' presentations, discussion)
- ECTS: 6

3.4.10 Sociology of Work and Health

Prof. Dr. Marvin Alexander Reuter

Junior Professorship of Sociology, especially Work and Health

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Bachelor Courses

Introduction to the Sociology of Health and Medicine [BA Soz D.2.1]

Einführung in die Medizin- und Gesundheitssoziologie

Medical and health sociology is a discipline concerned with the social influences on the development and course of disease and the social conditions of health care. The seminar provides an introduction to the basic theories and research in the field. It focuses on the social construction of illness, health inequalities, health behaviour and lifestyles, working conditions, social stressors, social support, health systems, genetics and the social environment, health prevention and the development of health over the life course.

- Language: German
- Semester: WS
- Teaching Method: Seminar
- ECTS: 5

Work and Health [BA Soz D.2.1]*Arbeit und Gesundheit*

This seminar focuses on the multiple links between work and health from a health sociology perspective. Key topics include the functions of work for health, the negative consequences of unemployment, the relationship between work and life expectancy, and the role of key workloads such as overtime, stress, precarious employment and negative social behaviour at work. It also covers current developments such as digitalisation and climate change. The module thus provides an overview of the complex interactions between work and health and discusses strategies for a healthier working environment.

- Language: German
- Semester: SS
- Teaching Method: Seminar
- ECTS: 5

Master Courses**Precarious employment, job insecurity and health [MASOZ-BAU2]***Prekäre Beschäftigung, Jobunsicherheit und Gesundheit*

This seminar examines the larger economic, social, and political transformation processes that have influenced the way people work. In recent decades, globalisation, technological change, and increased flexibility have led to significant and intricate shifts in work processes, employment conditions, and social risks. Within this course, the effects of these changes on the health and wellbeing of employees and their families will be analysed.

- Language: German
- Semester: WS
- Teaching Method: Seminar
- ECTS: 6

Social Capital and Health [MASOZ-BAU2]*Sozialkapital und Gesundheit*

Research suggests that people with strong ties to family, friends and communities live longer. But what is the explanation for the link between social interactions and biomedical conditions? This module examines classic and contemporary research on the relationship between social capital and health. It will explore different contexts, including partnerships, friendships, families and work environments, and different life course processes, including marriage, parenthood and divorce. A focus will also be to examine the decline of individuals' institutional integration and the rise of social media use and to discuss how these trends have changed the dynamics of social capital formation.

- Language: German
- Semester: SS
- Teaching Method: Seminar
- ECTS: 6

3.4.11 Sociology with Focus on Education and Work in the Life Course

Prof. Dr. Schindler

Sociology with Focus on Education and Work in the Life Course

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Bachelor Courses

Kolloquium für Qualifikationsarbeiten im Bereich Bildung und Arbeit im Lebensverlauf

EN: Thesis Seminar in Education and Work in the Life Course

Das Kolloquium ist die begleitende Veranstaltung für Abschlussarbeiten, die an der Professur für Soziologie mit dem Schwerpunkt Bildung und Arbeit im Lebensverlauf betreut werden. Eine Teilnahme setzt ein bestehendes Betreuungsverhältnis voraus. Die Anmeldung erfolgt über die betreuenden Dozenten. Im Kolloquium stellen die Studierenden regelmäßig die Fortschritte ihrer Arbeiten vor, die dann gemeinsam mit den Teilnehmerinnen und Teilnehmern des Kolloquiums diskutiert werden.

- Language: German
- Semester: WS2025/26
- Teaching Method: Colloquium

Master Courses

Mechanisms of Educational Inequality

The seminar deals with the various factors that account for the emergence of educational inequality. We are going to review the most important theoretical concepts and explanatory models and link them to empirical findings. To this end, we will read and discuss selected empirical studies on specific mechanisms of social inequality in educational attainment. Furthermore, the seminar will provide the opportunity to conduct own empirical analyses through complementary exercises.

- Language: English
- Semester: WS2025/26
- Teaching Method: Seminar
- ECTS: 6

From School to Work

The seminar deals with the transition from education to the labour market. We will read and discuss the main theoretical approaches that connect education to labour market placement and outcomes. In addition, we will consider how country differences in the setup of educational systems and labour market structures influence the transition from school to work. The theoretical considerations will be complemented by a discussion of empirical studies.

- Language: English
- Semester: WS 2025/26
- Teaching Method: Seminar
- ECTS: 6

Kolloquium für Qualifikationsarbeiten im Bereich Bildung und Arbeit im Lebensverlauf

EN: Thesis Seminar in Education and Work in the Life Course

Das Kolloquium ist die begleitende Veranstaltung für Abschlussarbeiten, die an der Professur für Soziologie mit dem Schwerpunkt Bildung und Arbeit im Lebensverlauf betreut werden. Eine Teilnahme setzt ein bestehendes Betreuungsverhältnis voraus. Die Anmeldung erfolgt über die betreuenden Dozenten. Im Kolloquium stellen die Studierenden regelmäßig die Fortschritte ihrer Arbeiten vor, die dann gemeinsam mit den Teilnehmerinnen und Teilnehmern des Kolloquiums diskutiert werden.

- Language: German
- Semester: WS2025/26
- Teaching Method: Colloquium

3.4.12 Labour Studies

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Bachelor Program

Fundamentals of Labour Studies

Grundlagen der Arbeitswissenschaft [BA Soz D.6.1A]

Basic information about types and meaning of labour, employment and job occupation. Explanation of institutions of labour and labour organisation by means of selected examples of technique and innovation. Focus will be on the area of conflict between rationalisation and human working conditions in the context of firms, society and global perspectives.

- Language: German
- Semester: Winter semester
- Teaching Method: lecture
- ECTS: 5

Fundamentals of Ergonomic Analysis

Grundlagen der Ergonomie [BA Soz D.6.1B]

Basic information about anthropometry; environmental factors and its effects; working system and factors of ergonomic demand and strain; man-machine-system; layout of workplace and product design.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 5

Work Analysis and Work Engineering

Arbeitsanalyse und Arbeitsgestaltung [BA Soz D.6.1C]

Historical and contemporary forms of reward and working time organisation; areas of reward and working time organisation (government, trade agreements, company agreements).

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 5

Occupation and Labour Market

Beruf und Arbeitsmarkt [BA Soz D.6.1E]

Theories on labour market; structural change of the professional society; segments of the labour market (internal labour market, job segments, gender-related division of the labour market); professional education; problematic groups on the labour market; unemployment ; employee participation; chances and risks of increasing globalization and flexibilization of the labour market.

- Language: German
- Semester: Summer semester
- Teaching Method: lecture
- ECTS: 5

Sociology of Profession*Berufssoziologie [BA Soz D.6.1F]*

Theories of career choice; influencing factors of career choice; stages of professional career; professional socialization.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 5

Sociology of Human Resources and Companies*Personal- und Betriebssoziologie [BA Soz D.6.1G]*

Scientific perspective to recruitment, employment of staff, organisation, management and motivation. Completion of this theoretical approach by practical experience, excursion and the inclusion of practitioners.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 5

Master Courses

Human Resource Management (part of the module MA SOZ POA1 Human Resources and Labour)

Human resource management (Teil des Moduls MA SOZ POA1 Personal und Arbeit)

Detailed evaluation of personnel recruitment, personnel deployment, organization, management and motivation. In-depth study of these topics by means of complex issues from a scientific perspective. Completion of this theoretical approach by practical experience, excursions and the inclusion of practitioners.

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Ergonomics and Work Structuring (part of the module MA SOZ POA1 Human Resources and Labour)

Ergonomie und Arbeitsgestaltung (Teil des Moduls MA SOZ POA1 Personal und Arbeit)

Discussion of current and in-depth aspects of ergonomics (physical and psychological, organizational and institutional). Job demand, workload in reference to the configuration of work proceedings (stress-strain-concept, sociological and psychological basics of work and job demand, stress in different variations, organization of work, individual and collective possibilities of how to handle strain).

- Language: German
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Work, Economy, Social Structure (part of the module MA SOZ POA3 Economy and Labour Market)

Arbeit, Wirtschaft, Sozialstruktur (Teil des Moduls MA SOZ POA3 Wirtschaft und Arbeitsmarkt)

Comparison of different theories in the topics work, education, economy and social structure; connection to current, empirical scientific research results. Evaluation of the relationship between protagonists, organizations and institutions in societies.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Organizational sociology (part of the module MA SOZ POA2 Organisation)*Organisationssoziologie (Teil des Moduls MA SOZ POA2 Organisation)*

Theories of organization; reflection of individual theories and comparison of theories; relationship between protagonists, organizational structures and institutions; conditions, problems and resistance to the development of work organizations; humane working conditions with qualification, motivation, control and strain in mind.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Methods of the Empirical Organizational Research (part of the module MA SOZ POA2 Organisation)*Methoden der empirischen Organisationsforschung (Teil des Moduls MA SOZ POA2 Organisation)*

Introduction of qualitative and quantitative methods of organizational research, for example nonreactive methods, questioning, network analysis, quantitative questioning, qualitative interview, job evaluation and experiments; completion by research experience of experts.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

3.4.13 Survey Methodology

Prof. Dr. Mark Trappmann

Chair of Sociology, especially Survey Methodology

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Module

Fortgeschrittene Erhebungsmethoden der quantitativen Sozialforschung*Advanced Methods of Quantitative Data Collection for the Social Sciences*

- Language: German / English
- Semester: winter semester / summer semester
- Teaching Method: Lecture / Seminar
- ECTS: 12

The module consists of two separate courses – one course in winter and one course in summer semester:

Error Sources in Survey Data*Datenerhebung und Fehlerquellen*

When collecting survey data, an important aim is to keep the error in relevant statistics (usually means, proportions or regression coefficients) that are to be estimated using the data as small as possible for a given budget. The total survey error framework is a useful heuristic for breaking down the total error into its components and thus making it accessible for investigation. A distinction must be made between errors that affect the representation of the target population in the survey and those that affect the measurement of the relevant characteristics: The representation is influenced by sampling frames (coverage error), sampling (sampling error), item and unit nonresponse (nonresponse error) or by weighting and other adjustment methods (adjustment error). The measurement is influenced by the specification of the constructs (specification error), the

measurement (measurement error) and the editing of the data (editing error). Each of the sources of error mentioned can affect both the variance and the bias of an estimate. Particular attention is paid to the interaction between sources of error, such as those that often arise from the choice of mode or the influence of the interviewer. Participants will be able to assess the quality of available survey data and learn to independently develop research designs that can be used to examine data quality.

- Language: German / English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Mixed Mode Surveys

Mixed-Mode-Surveys

The seminar first provides an overview of the most important survey modes (face-to-face, telephone, postal, web). The special features of conducting surveys in the different modes (e.g. mode-dependent sampling frames) are discussed, as are the effects of the modes on various error sources such as coverage error, non-response, measurement error, sampling variances and interviewer effects. The second part of the seminar then focuses on mixed-mode surveys. Various mixed-mode designs are presented using practical examples. One focus is on the recent literature on examining the data quality of such surveys, in particular on separating mode-related measurement errors from the possible self-selection of participants into the different modes. Qualification goals and skills: During the seminar, participants acquire knowledge of the special features of conducting surveys in different survey modes and the consequences of the choice of mode for various error sources in a survey. They will learn what to consider when combining different modes within a survey and which methods can be used to investigate error sources in mixed-mode surveys. Participants will thus be able to assess the quality of existing mixed-mode surveys and make their own informed decisions when choosing survey modes depending on the objectives and population of a study under budgetary constraints.

- Language: German / English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

3.5 Module Description: Economics

3.5.1 Economics of Education

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Bachelor Program

Economics of Education [BAEES5.1c]

Einführung in die Bildungsökonomik

The lecture provides an introduction to the theories and methods of the Economics of Education with focus on empirical educational research. The course includes various fields of the Economics of Education, such as the returns to education (monetary and non-monetary), educational production (efficiency, efficacy, inequality), education financing (by firms, government), and the supply and demand of education. Both theoretical models (e.g. human capital model) and empirical strategies for causal analysis are presented.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Economics of Education and Labor Markets [B-BIÖK-1]

Bildungsökonomik und Arbeitsmärkte

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

3.5.2 Regional Labor Economics

Prof. Dr. Wolfgang Dauth
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Bachelor Program

Economics of (Sustainable) Cities

Economics of (Sustainable) Cities [B-REGAM-1 Seminar Regional- und Arbeitsmarktforschung und BA SOZ D.6.1D Arbeitsmarktforschung]

This seminar discusses how cities function from an economic perspective, focusing on the labor market. During the first part of the seminar, lectures will introduce the most important urban economic models in a nontechnical way. This will enable us to explain everyday observations and discuss policy measures. Why does productivity increase when people or companies move to larger cities? Why are skyscrapers concentrated in city centers? Why are megacities found almost exclusively in emerging economies? What can be done about rush hour traffic jams? How do the labor and housing markets interact? In the second part of the seminar, we will apply this knowledge to discuss current research findings. To this end, participants will write 15-page theses to be presented to the group for 20 minutes. Then, the topic will be discussed in a plenary session. The basis for the term papers and presentations is the book “Going Remote: How the Flexible Work Economy Can Improve Our Lives and Our Cities” by Matthew E. Kahn. The book is available as an e-book through the university library: <https://katalog.ub.uni-bamberg.de/query/BV048323906>.

- Language: English (in case there are only German students: German)
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6 (BAEES), 5 (BASOZ)

Master Program

New Developments of Labour Market Research: Empirical Labor Market Research (MAEES9.1 Regional and Labour Studies / part of the module MA SOZ POA3 Economy and Labour Market)

Neue Entwicklungen der Arbeitsmarktforschung: Empirical labor market research [MAEES9.1 Regional and Labour Studies / Teil des Moduls MA SOZ POA3 Wirtschaft und Arbeitsmarkt.]

In this seminar, we will discuss current topics in (regional) labor market research, such as the effects of minimum wages, urban-rural wage differences, or how workers adapt to megatrends like automation and decarbonization. The first part of each meeting is a lecture on the theoretical background and the state of the empirical literature on each topic. The second part consists of hands-on exercises, where we use real data to conduct our own analyses.

- Language: English (in case there are only German students: German)
- Semester: Summer semester
- Teaching Method: Lecture / PC Tutorial
- ECTS: 6 (resp. 12 in MASOZ for attending the complete module!)

3.5.3 Empirical Microeconomics

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Bachelor Courses

Microeconomics I

Mikroökonomik I

The course provides an introduction to microeconomics, covering mostly the neoclassical theoretical approach of consumers, firms, and markets. It introduces students to the concepts of scarcity, opportunity costs, the nature and functions of product and factor markets, and models of consumer choice.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture and exercise course
- ECTS: 6

Labor Economics: Theory and Policy

Arbeitsmarkttheorie und -politik

The course introduces students to the basics of labor economics, including labor supply and demand, human capital theory, labor market institutions and policies.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture and exercise course
- ECTS: 6

Methods of Empirical Microeconomics

Methoden der Empirischen Mikroökonomik

The course introduces students to basic econometrics, focusing on the linear regression model as the backbone of empirical economic research. Lectures will be complemented with practical work that aims at preparing students to conduct empirical research analyses.

- Language: German (English, if necessary)
- Semester: Winter semester
- Teaching Method: Lecture and exercise course
- ECTS: 6

Master Courses

Causal Inference and Policy Evaluation

This course provides an introduction to modern econometric methods for identifying causal effects, with a strong emphasis on policy evaluation in economics and the social sciences. Students will learn how to design and critically assess empirical strategies that aim to answer causal questions, especially in settings where randomized experiments are not feasible.

Topics include: Difference-in-Differences (DiD), Regression Discontinuity Designs (RDD), Instrumental Variables (IV) estimation, Event Study Designs.

Throughout the course, empirical applications will be used to illustrate the practical implementation of each method, with a focus on evaluating the impact of public policies and interventions. Students will work with real-world datasets and develop hands-on experience using statistical software (e.g., Stata, or R).

By the end of the course, students will be equipped to independently conduct causal analyses and critically evaluate existing empirical research.

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture course
- ECTS: 6

Topics in Gender Economics

Students will be introduced into topics in gender economics. The main aim of this course is to familiarize students with the literature on gender economics, while equip them with skills that allow them to read, discuss, and critically reflect on an empirical paper that uses micro-econometric techniques.

The course will include topics such as: causes and origins of gender inequality, gender wage gap, work conditions, female labour force participation, discrimination, sexual harassment, reproductive rights, women's health.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

3.5.4 Public Economics

Prof. Dr. Florian Herold

Chair of Public Economics

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Bachelor Courses**Microeconomics II**

Mikroökonomik II

Market Equilibrium and Welfare Economics, External Effects and Public Goods, Introduction to Game Theory, Market Power (Monopoly and Oligopoly).

- Language: German
- Semester: Winter and Summer semester
- Teaching Method: Lecture/exercise
- ECTS: 6

European Public Finance

Finanzpolitik in Europa

Lecturer: Dr. Jörg Lackenbauer

Fiscal Constitution, Revenue and Expenditure System in Germany and Europe, Tax Incidence, Taxation and Efficiency, Taxation and Equity, Optimal Taxation, Tax System and Tax Reform in Germany and Europe. Fiscal Federalism, Decentralization, Local Public Goods and Resource Allocation, Fiscal Equalization, Intergovernmental Grants.

- Language: German
- Semester: Summer semester
- Teaching Method: Blockseminar
- ECTS: 6

Topics in Public Economics

Lecturer: Prof. Dr. Florian Herold

This seminar focuses on current topics in economic theory. Students will study and present recently published research articles on limited attention.

- Language: English

- Semester: not in Winter semester 2025/26, summer semester 2026
- Teaching Method: Seminar
- ECTS: 6

Games, Information and Algorithms

Lecturer: Prof. Dr. Florian Herold

This course will focus on market design, auctions and matching markets. After an introduction, students will study a relevant real-world market and corresponding current research articles. We expect students to present the general mechanics of the market in detail, and to discuss current challenges and modelling approaches.

- Language: English
- Semester: this year in winter semester 2025/26,
- Teaching Method: Seminar
- ECTS: 6

Master Courses

Advanced Microeconomics

Lecturer: Prof. Dr. Florian Herold

Prerequisites: Good background in Microeconomics I and II

Axiomatic choice, Intertemporal choice and choice under risk, General equilibrium. Game Theory, Information Economics and Contract Theory.

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Lecture/exercise
- ECTS: 6

Incentives and Behavior

Lecturer: Prof. Dr. Florian Herold

Experimental Studies in Economics, Deviations from Rationality, Time Inconsistent Preferences, Social Preferences, Behavioral Biases and Public Policy.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Advanced Topics in Public Economics

Lecturer: Prof. Dr. Florian Herold

In this seminar we cover current advanced topics in public economics and political economy. The precise list of topics varies and is announced at the beginning of the semester. Participants will be introduced into current research topics related to public economics at an advanced formal level.

- Language: English
- Semester: not in Winter semester 2025/26 and not in summer semester 2026
- Teaching Method: Seminar
- ECTS: 6

Political Economics

Lecturer: Prof. Dr. Florian Herold

The Problem of Aggregating Preferences, Electoral Competition, Agency, Redistributive Politics, Dynamic Policy Problems and Public Debt.

- Language: English
- Semester: Not in Winter semester 2025/26, summer semester 2026
- Teaching Method: Lecture/exercise
- ECTS: 6

Evolution Learning and Behavior

Lecturer: Prof. Dr. Florian Herold

The course introduces different topics related to behavioural economics and bounded rational learning how to act strategically.

- Language: English
- Semester: this year in winter Semester 2025/26
- Teaching Method: Lecture/exercise
- ECTS: 6

3.5.5 International Economics

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Bachelor Program

Macroeconomics I

Makroökonomik I

This course deals with basic macroeconomic concepts and demonstrates how they are related to real world economic problems and economic policy decisions. In particular, this course covers the mutual dependence of goods, money and financial markets, the determinants of unemployment in the short- and long-run and the effectiveness of different instruments of economic policy in closed and small open economies.

The objective of this course is to familiarize students with different economic models so that they will be able to analyze current economic issues and to apply those models to practical questions of economic policy.

- Language: German
- Semester: Winter semester, Summer semester
- Teaching Method: Lecture and tutorial
- ECTS: 6

Introduction to European and International Economics

Einführung in die europäische und internationale Wirtschaft

Today's economies are increasingly linked through trade and financial flows, with important consequences for national employment, consumption, and firm investment that are typically summarized under the colloquial but rather vague term of "globalization." Its consequences are severely debated and often take center stage in national political programs as witnessed, for instance, in the contemporary debate on the macroeconomic implications of the European Monetary Union. This course aims at providing a comprehensive (albeit introductory) overview of fundamental issues in the theory of international economics and finance, taking into account various contemporary debates on the costs and benefits of globalization.

The objective of the course is to equip students with the necessary tools to evaluate the risks and chances of globalized economies and financial markets and to enable them to make informed decisions in an intertwined

and increasingly complex global marketplace.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar and tutorial
- ECTS: 6

History of Economic Thought

The seminar deals with the evolution of the history of economic thought, in particular with the classical political economy of Smith, Ricardo and Marx, but also with more recent contributions outside the marginalist (neoclassical) school of thought. The seminar aims at providing students with a heterodox perspective on their discipline, illustrating that the popularity of the different schools of thought is closely intertwined with the economic, social and political context of their times.

Upon completion of the seminar, students should gain profound knowledge of the conceptual differences and diverging implications of the different schools of thought that make up economics. Ideally, students will summarize their findings in a term paper, taking on the form of a literature survey. The overall grade will be determined from the term paper and a short presentation of their findings.

Information on the registration procedure will be distributed in the first seminar session (date, time and place will be announced via UnivIS).

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar and tutorial
- ECTS: 6

Master Program

Financial Engineering and Systemic Risk

This course deals with the risks that emanate from modern financial markets and their regulation. The central question is how these risks, their regulation, and the institutional framework itself can actually contribute to the creation of “systemic” risk, resulting in historically recurring economy-wide crises. The course in the sequence takes a closer look at the challenges that monetary policy faces in light of endogenous money creation, which are compounded by the presence of derivative securities that allow for the synthetic replication of traditional bank loans. We will consider whether or how banks’ off-balance sheet transactions can circumvent the national regulatory and taxation frameworks, and what the implications for the respective national central banks are in their function as so-called lenders of last resort. A second important aspect of this course deals with financial innovation in the syndication of loans or other debt obligations (ABS, MBS, CDO, CLO), and their role in the recent crisis.

The main purpose of the course is to familiarize students with the basic notion of synthetic replication in financial markets, and to carefully explain how this replication leads to new challenges for central bank policy and financial regulation. The importance of “cheap liquidity” in financial crises is emphasized throughout the course.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture and tutorial
- ECTS: 6

Complexity and Distribution in Economics

This course deals with alternative approaches to the usual equilibrium concepts in economics. As it turns out, many economic and financial variables of interest exhibit robust distributional regularities across space and time, but have received at best minor attention in the literature. A crucial aspect of the course is to move beyond standard texts and introduce students to the possibly most challenging problem facing macroeconomic methodology today: the theory of aggregation. We will consider recent developments in statistical equilibrium theory, which is particularly suitable for studying problems that arise from the aggregation of many agents, and

centers around the idea of an equilibrium distribution in economic variables.

Ideally, students will conduct their own data exploration exercises, using for instance Mathematica and its curated data sources (or any other statistical/mathematical software and databases) to look for distributional regularities in macroeconomic variables within or across countries, and write a term paper on their discoveries. The overall grade will be determined from the term paper and a short presentation of their findings.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture and tutorial
- ECTS: 6

International Monetary Economics

This course deals with the two most important traditional models of exchange rate determination and open economy macroeconomics, which start from different pre-analytical visions and thus arrive at very distinct open economy policy prescriptions. We start from basic concepts of exchange rate determination, like purchasing power parity and (un)covered interest rate parity, and review the basic accounting principles underlying the balance of payments. Then we move on to standard Keynesian models and to a variety of monetarist approaches to the balance of payments.

The main purpose of the course is to make students aware of the different strands of economic thought in international macroeconomics, and to emphasize how they arrive at very different policy prescriptions regarding balance of payments equilibrium, and monetary and fiscal policy issues in general as witnessed, for instance, in the current debate on the feasibility of a monetary union in the European Union. In particular, students should be able to understand why various pressure groups favor certain models or are strictly opposed to others, and where the various models meet their empirical limitations.

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

The Economics of Inequality

For about the last four decades, the economics profession was largely of the opinion that economic inequality is not a problem of particular interest and, if anything, represents a necessary condition for economic efficiency. Piketty's book on "Capital in the 21st Century" and its wide reception in and outside of academia, however, testify to the revived interest in this topic, particularly with respect to the inequalities in personal income or wealth, both across and within countries. The three main goals of the course are thus to familiarize students with

- (i) the major strands of economic theory that address the inequalities in the distribution of income or wealth,
- (ii) the different concepts of measuring inequality, and
- (iii) the international empirical data of such measurements.

Irrespective of whether a reduction in inequality is politically desired or not, students should understand the fundamental challenges that policy design will necessarily face, especially in light of the considerable historical fluctuations in inequality. Ideally, students will summarize their findings in a term paper, taking on the form of a literature survey. The overall grade will be determined from the term paper and a short presentation of their findings.

Information on the registration procedure will be distributed in the first seminar session (date, time and place will be announced via UnivIS).

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar and tutorial
- ECTS: 6

3.5.6 International Economics

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Bachelor Program

Macroeconomics I

Makroökonomik I

This course deals with basic macroeconomic concepts and demonstrates how they are related to real world economic problems and economic policy decisions. In particular, this course covers the mutual dependence of goods, money and financial markets, the determinants of unemployment in the short- and long-run and the effectiveness of different instruments of economic policy in closed and small open economies.

The objective of this course is to familiarize students with different economic models so that they will be able to analyze current economic issues and to apply those models to practical questions of economic policy.

- Language: German
- Semester: Winter semester, summer semester
- Teaching Method: Lecture and tutorial
- ECTS: 6

Introduction to European and International Economics

Einführung in die europäische und internationale Wirtschaft

Today's economies are increasingly linked through trade and financial flows, with important consequences for national employment, consumption, and firm investment that are typically summarized under the colloquial but rather vague term of "globalization." Its consequences are severely debated and often take center stage in national political programs as witnessed, for instance, in the contemporary debate on the macroeconomic implications of the European Monetary Union. This course aims at providing a comprehensive (albeit introductory) overview of fundamental issues in the theory of international economics and finance, taking into account various contemporary debates on the costs and benefits of globalization.

The objective of the course is to equip students with the necessary tools to evaluate the risks and chances of globalized economies and financial markets and to enable them to make informed decisions in an intertwined and increasingly complex global marketplace.

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar and tutorial
- ECTS: 6

History of Economic Thought

The seminar deals with the evolution of the history of economic thought, in particular with the classical political economy of Smith, Ricardo and Marx, but also with more recent contributions outside the marginalist (neoclassical) school of thought. The seminar aims at providing students with a heterodox perspective on their discipline, illustrating that the popularity of the different schools of thought is closely intertwined with the economic, social and political context of their times.

Upon completion of the seminar, students should gain profound knowledge of the conceptual differences and diverging implications of the different schools of thought that make up economics. Ideally, students will summarize their findings in a term paper, taking on the form of a literature survey. The overall grade will be

determined from the term paper and a short presentation of their findings.

Information on the registration procedure will be distributed in the first seminar session (date, time and place will be announced via UnivIS).

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar and tutorial
- ECTS: 6

Master Program

Financial Engineering and Systemic Risk

This course deals with the risks that emanate from modern financial markets and their regulation. The central question is how these risks, their regulation, and the institutional framework itself can actually contribute to the creation of “systemic” risk, resulting in historically recurring economy-wide crises. The course in the sequence takes a closer look at the challenges that monetary policy faces in light of endogenous money creation, which are compounded by the presence of derivative securities that allow for the synthetic replication of traditional bank loans. We will consider whether or how banks’ off-balance sheet transactions can circumvent the national regulatory and taxation frameworks, and what the implications for the respective national central banks are in their function as so-called lenders of last resort. A second important aspect of this course deals with financial innovation in the syndication of loans or other debt obligations (ABS, MBS, CDO, CLO), and their role in the recent crisis.

The main purpose of the course is to familiarize students with the basic notion of synthetic replication in financial markets, and to carefully explain how this replication leads to new challenges for central bank policy and financial regulation. The importance of “cheap liquidity” in financial crises is emphasized throughout the course.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture and tutorial
- ECTS: 6

Complexity and Distribution in Economics

This course deals with alternative approaches to the usual equilibrium concepts in economics. As it turns out, many economic and financial variables of interest exhibit robust distributional regularities across space and time, but have received at best minor attention in the literature. A crucial aspect of the course is to move beyond standard texts and introduce students to the possibly most challenging problem facing macroeconomic methodology today: the theory of aggregation. We will consider recent developments in statistical equilibrium theory, which is particularly suitable for studying problems that arise from the aggregation of many agents, and centers around the idea of an equilibrium distribution in economic variables.

Ideally, students will conduct their own data exploration exercises, using for instance Mathematica and its curated data sources (or any other statistical/mathematical software and databases) to look for distributional regularities in macroeconomic variables within or across countries, and write a term paper on their discoveries. The overall grade will be determined from the term paper and a short presentation of their findings.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture and tutorial
- ECTS: 6

International Monetary Economics

This course deals with the two most important traditional models of exchange rate determination and open economy macroeconomics, which start from different pre-analytical visions and thus arrive at very distinct open economy policy prescriptions. We start from basic concepts of exchange rate determination, like purchasing power parity and (un)covered interest rate parity, and review the basic accounting principles underlying the

balance of payments. Then we move on to standard Keynesian models and to a variety of monetarist approaches to the balance of payments.

The main purpose of the course is to make students aware of the different strands of economic thought in international macroeconomics, and to emphasize how they arrive at very different policy prescriptions regarding balance of payments equilibrium, and monetary and fiscal policy issues in general as witnessed, for instance, in the current debate on the feasibility of a monetary union in the European Union. In particular, students should be able to understand why various pressure groups favor certain models or are strictly opposed to others, and where the various models meet their empirical limitations.

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

The Economics of Inequality

For about the last four decades, the economics profession was largely of the opinion that economic inequality is not a problem of particular interest and, if anything, represents a necessary condition for economic efficiency. Piketty's book on "Capital in the 21st Century" and its wide reception in and outside of academia, however, testify to the revived interest in this topic, particularly with respect to the inequalities in personal income or wealth, both across and within countries. The three main goals of the course are thus to familiarize students with

- (iv) the major strands of economic theory that address the inequalities in the distribution of income or wealth,
- (v) the different concepts of measuring inequality, and
- (vi) the international empirical data of such measurements.

Irrespective of whether a reduction in inequality is politically desired or not, students should understand the fundamental challenges that policy design will necessarily face, especially in light of the considerable historical fluctuations in inequality. Ideally, students will summarize their findings in a term paper, taking on the form of a literature survey. The overall grade will be determined from the term paper and a short presentation of their findings.

Information on the registration procedure will be distributed in the first seminar session (date, time and place will be announced via UnivIS).

- Language: English
- Semester: Summer semester
- Teaching Method: Seminar and tutorial
- ECTS: 6

3.5.7 Economic Theory

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 Chair of Economic Theory
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Bachelor Program

Industrial Economics

Industrieökonomik [BAEES5.1a]

The course provides an introduction to fundamental models in industrial economics. It highlights the strategic interaction among firms as well as between firms and consumers on markets with imperfect competition.

Throughout, the main focus is on sources of market power and its consequences for social welfare.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Introduction to Public Economics

Einführung in die Finanzwissenschaft [BAEES5.1b]

The course provides an introduction to public finance: the theory and politics of taxation and public debt.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

Applied Game Theory

Anwendungsorientierte Spieltheorie [BAEES5.1b]

The course offers an introduction to the theory of games emphasizing its great variety of economic applications.

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Master Courses

Advanced Industrial Economics

Fortgeschrittene Industrieökonomik [MAEES07.3]

This course advances the basic analysis of imperfect competition. The first part focuses on structural aspects of market power such as collusion, mergers, and entry. The second part deals with technological issues like innovation and R&D as well as networks and standards. The last part discusses the role of market intermediaries such as matchmakers and two-sided platforms. Throughout, the main focus is on strategic sources of market power and its consequences for social welfare.

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Games and Contracts

Spiele und Verträge [MAEES07.1]

The course offers a rigorous introduction to the theory of games and contracts. The concepts of game theory permit to analyze situations of strategic interaction in which the economic agents take into account the interdependence of their decisions. Contract theory deals with situations in which a group of agents has the opportunity to realize a joint surplus but single group members have incentives to deviate from the required behavior at the expense of others. Are there mechanisms, institutions, or contracts that can enforce good conduct? This question is of particular interest whenever asymmetric information precludes contracting upon all behaviorally relevant conditions.

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Public Economic Theory

Theoretische Finanzwissenschaft [MAEES07.2]

Public economics deals with the role of the government as an economic player. The course develops the theory for answering questions like the following: What is the scope for market interventions by the government? What is the role of the government for internalizing external effects and providing public goods? How can/should public expenditures be financed? What is the economic burden of taxation and who bears it? What is an optimal tax scheme and how should it look like? How much social security should the government provide?

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

3.5.8 Economic Policy

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Bachelor-Level

Macroeconomics II

Makroökonomie II

Introduction to Macroeconomic Foundations, Part II. Contents: The role of expectations; the open economy; pathologies; monetary and fiscal policy reconsidered.

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture
- ECTS: 6

Master-Level

Financial Market Dynamics

Finanzmarktdynamik

We introduce several agent-based financial market models in which agents rely on technical and fundamental trading rules to determine their speculative investment positions. These (nonlinear dynamic) models are mainly explored through computer simulations.

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Regulation and Control of Financial Markets

Regulierung und Kontrolle von Finanzmärkten

Using agent-based financial market models as an artificial laboratory, we numerically explore the effectiveness of transaction taxes (Tobin tax), central bank interventions, trading breaks and price controls.

- Language English
- Semester: Summer semester (maybe)
- Teaching Method: Lecture
- ECTS: 6

Economic Dynamics*Dynamische Wirtschaftspolitik*

In this course, we discuss first-order linear difference equations, second-order linear difference equations, higher-order linear difference equations, linear difference equations systems, first-order nonlinear difference equations, second-order nonlinear difference equations, higher-order nonlinear difference equations and nonlinear difference equations systems with the help of numerous economic examples.

- Language: English
- Semester: Summer semester (maybe)
- Teaching Method: Lecture
- ECTS: 6

3.6 Module Description: Statistics and Business Mathematics

3.6.1 Business Mathematics

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Basic Studies (1st and 2nd year)

Mathematics for Business and Economics: Linear Algebra

Wirtschaftsmathematik: Lineare Algebra

Basic methods of linear algebra as far as needed for the study of business administration and economics.

- Language: German
- Semester / hours per week: Winter and summer semester / 3
- Teaching method: Lecture, exercises, and tutorials
- ECTS: 6

Mathematics for Business and Economics: Calculus

Wirtschaftsmathematik: Analysis

Basic methods of differential calculus, constraint optimization and integral calculus as far as needed for the study of business administration and economics.

- Language: German
- Semester / hours per week: Winter and summer semester / 3
- Teaching method: Lecture, exercises, and tutorials
- ECTS: 6

Advanced Studies (4th and 5th year)

Advanced Mathematical Methods

Difference Equations and Differential Equations, Simultaneous Difference Equations and Differential Equations, Control Theory in discrete time

- Language: English
- Semester / hours per week: Winter semester / 3
- Teaching method: Lecture, exercises
- ECTS: 6

Mathematical Methods for Statistical Learning

Mathematische Methoden des statistischen Lernens

Mathematical basics for supervised learning, statistical decision theory, risk bounds

- Prerequisites: Statistics I + II
- Semester / hours per week: Winter semester / 3
- Study recommendation: Prior participation in “Basic Econometrics” or “Advanced Statistics”
- Language: German
- Semester: Winter semester
- Teaching Method: Lecture, exercises
- ECTS: 6

Time Series Analysis

Zeitreihenanalyse

Models for time series data: Main topics include smoothing techniques, seasonal adjustment, ARIMA models, volatility modelling, statistical inference for time series

- Prerequisites: Statistics I + II
- Semester / hours per week: Winter semester / 3
- Study recommendation: Prior participation in “Basic Econometrics” or “Advanced Statistics”
- Language: German
- Semester: Summer semester
- Teaching Method: Lecture, exercises
- ECTS: 6

3.6.2 Statistics and Econometrics

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Bachelor Program

Statistics I

Methoden der Statistik I

The course “Statistics I” is divided into two parts. The first part deals with descriptive statistics of one- and two-dimensional empirical distributions. It focuses on procedures which are helpful for the visualization and preparation of data. This helps students understand meaningful measures for the characterization of data, such as location parameters, measures of statistical dispersion, and correlation coefficients. The second part of the course focuses on the principles of probability theory. Students will learn basic concepts of random processes and variables. Furthermore, the course introduces important discrete probability distributions.

Content overview:

1. Introduction and motivation
2. One-dimensional empirical distributions
3. Two-dimensional empirical distributions
4. Basic principles of the probability theory
5. Random variables
6. Discrete probability distributions
 - Language: German
 - Semester: Summer and winter semester

- Teaching Method: Lecture/Exercise
- ECTS: 6

Statistics II

Methoden der Statistik II

The course "Statistics II" deals with methods of inductive statistics. Inductive statistics are used to draw conclusions for the population from a sample. Before dealing with methods directly, the course introduces basic concepts of important continuous distributions. Then, the course focuses on three techniques: a) estimating an unknown parameter of a distribution (point estimation), b) specifying a confidence interval for the unknown parameter (confidence intervals), and c) making statements about the equality or inequality of distribution parameters (hypothesis testing). Towards the end of the course, students will learn how to do a regression analysis based on these three techniques.

Content overview:

7. Continuous probability distributions
 8. Normal distribution
 9. Sample statistics
 10. Estimation of parameters
 11. Confidence intervals
 12. Hypothesis tests
 13. Regression analysis
- Language: German
 - Semester: Summer and winter semester
 - Teaching Method: Lecture/Exercise
 - ECTS: 6

Statistical Modelling

Statistische Modellierung

The course deals with the analysis of data through regression models. As a starting point, linear regression models for metric variables (e.g. rent or income) are first discussed in depth and different modelling options (e.g. dummy variables or transformations) are presented. Subsequently, the most important models in the analysis of binary (e.g. unemployed yes/no), nominal (e.g. highest school-leaving qualification) respectively integer characteristics are dealt with. Furthermore, the analysis of general dependency patterns is discussed. The students learn the corresponding methods and are enabled to interpret results based on these methods in a meaningful way. In the exercise part, the use of corresponding software (R-Studio) is studied and the results obtained are interpreted on the basis of examples.

Content overview:

1. Introduction and Motivation
 2. Maximum Likelihood Estimation
 3. Linear Regression Model
 4. Categorical Response Variables
 5. Poisson Regression
 6. Generalised Linear Models
- Language: German
 - Semester: Winter semester
 - Teaching Method: Lecture/Exercise
 - ECTS: 6

Master Program

Introduction to Econometrics

Classical multiple linear regression on the basis of ordinary least squares methods: Main topics include specification, estimation, inference and prediction, heteroscedasticity, autocorrelation, multicollinearity,

simultaneous equations models, instrument variable estimation, introduction to statistical software R

Prerequisites: Statistics I + II

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture/tutorial
- ECTS: 6

Advanced Econometrics

This course deals with advanced estimation techniques in modern econometrics. Maximum likelihood methods: models for qualitative, ordered, and limited dependent variables, generalized linear models, logistic regression, duration and count data models

Prerequisites: Statistics I + II

Study recommendation: Prior participation in “Basic Econometrics”

- Language: English
- Semester: Summer semester
- Teaching Method: Lecture/tutorial
- ECTS: 6

Survey Sampling Theory

Stichprobenverfahren

Theory of survey sampling: Main topics include probabilities of selection and inclusion, Horvitz-Thompson type estimates, sampling procedures, nonresponse, weighting as well as imputation

Prerequisites: Statistics I + II

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture/tutorial
- ECTS: 6

Introduction to Programming with R

Einführung in die Programmierung mit R

Main topics of this basic module include the implementation, consolidation and expansion of acquired statistical and econometric knowledge in the statistical software R as well as the introduction to R programming.

Prerequisites: Statistics I + II

- Language: German
- Semester: Summer and winter semester
- Teaching Method: Tutorial
- ECTS: 6

Introduction to Programming with Python

Einführung in die Programmierung mit Python

Python has established itself as the most popular programming language for Machine Learning. This module provides an introduction to statistical modeling with Python.

Prerequisites: Statistics I + II

- Language: German
- Semester: Winter semester
- Teaching Method: Tutorial
- ECTS: 6

Statistical Machine Learning

This course introduces the basic concepts of statistical machine learning using R as software for implementation.

Prerequisites: Statistics I + II

- Language: German/ English
- Semester: Summer semester
- Teaching Method: Lecture/ Tutorial
- ECTS: 6

Statistical Literacy

This module covers the scientific aspects of statistical inference and how to apply them in practice. Additionally, malpractice of statistical methods in science and media is discussed.

- Language: German/ English
- Semester: Winter semester
- Teaching Method: Seminar
- ECTS: 6

Advanced Data Analysis with R

The focus of this module is on the application of advanced techniques of data analysis with R. Topics include the presentation of fundamental methods like generalised linear models (GLM) as well as visualisation of high dimensional data and methods of data-mining.

Prerequisites: Statistics I + II

- Language: German/English
- Semester: Summer semester
- Teaching Method: Tutorial
- ECTS: 4

Introduction to Bayesian Statistics

Einführung in die Bayes-Statistik

The main focus of the module is the introduction to the fundamental principles of Bayesian statistics and empirical Bayesian methods by using conjugated prior distributions and MCMC methods.

Prerequisites: Statistical Methods I + II

- Language: German/English
- Semester: Summer semester
- Teaching Method: Lecture/tutorial
- ECTS: 6
-

Computationally Intensive Techniques/ Monte-Carlo Methods

Rechnerintensive Verfahren/ Monte-Carlo-Methoden

This module focuses on the basic principles of simulation methods: techniques for generating random numbers of different distributions, creation and application of simulation studies. Approached topics are Bayes statistics, posterior distributions, pseudo random variable generation, Markov Chain Monte Carlo techniques and simulation techniques.

Prerequisites: Statistics I + II

- Language: English
- Semester: irregular
- Teaching Method: Lecture/tutorial
- ECTS: 6

Official Statistics*Amtliche Statistik*

The focus is on the introduction of official statistics: besides an overview of institutional and legal conditions of official statistics, the most important economic statistics, methods of official population statistics and population projections, data access and research data centers (RDC), as well as definitions and classifications are presented.

Prerequisites: Statistics I + II

- Language: German
- Semester: Summer and winter semester
- Teaching Method: Seminar
- ECTS: 6

Time Series Analysis*Zeitreihenanalyse*

Models for time series data: Main topics include smoothing techniques, seasonal adjustment, stochastic processes, Box-Jenkins ARIMA identification, volatility modelling as well as time series models of heteroscedasticity

Prerequisites: Statistics I + II

Study recommendation: Prior participation in “Basic Econometrics”

- Language: German
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6
-

Analysis of High-Dimensional Data*Analyse hochdimensionaler Daten*

Here the focus is on multivariate probability distributions, distance measures, factor analysis, multidimensional scaling, analysis of variance, discriminant analysis, cluster analysis

Prerequisites: Statistics I + II

- Language: German
- Semester: Summer semester
- Teaching Method: Lecture/tutorial
- ECTS: 6

Small Area Estimation*Small Area-Schätzverfahren*

Here the focus is on estimation of parameters for small sub-populations. Small Area-Estimation is generally used when the sub-population of interest is included in a larger survey.

Prerequisites: Statistics I + II

Study recommendation: Prior participation in “Basic Econometrics”

- Language: English
- Semester: Winter semester
- Teaching Method: Lecture
- ECTS: 6

Variance Estimation Methods*Varianzschätzmethoden*

This course deals with development of variance estimation techniques for the Hansen-Hurwitz-Estimator etc.,

application of design-weights as well as linearization methods.

Prerequisites: Statistics I + II

Study recommendation: Prior participation in “Survey Sampling Theory”

- Language: English
- Semester: irregular
- Teaching Method: Lecture/tutorial
- ECTS: 6

Advanced Statistics

Fortgeschrittene Statistik

Basic knowledge transfer of statistical theory, especially of probability theory, parametric distribution families, asymptotic analysis, as well as transformation and convolution theorems.

Prerequisites: Statistics I + II

- Language: German/English
- Semester: Winter semester
- Teaching Method: Lecture/tutorial
- ECTS: 6

Statistical Analysis of Incomplete Data

Statistische Analyse Unvollständiger Daten

Fundamental principles of incomplete data analysis are introduced by focusing on multiple imputation techniques of missing data.

Topics: Comparison of naïve methods of missing data analysis with sophisticated methods like EM-algorithms, data augmentation and multiple imputation.

Prerequisites: Statistics I + II

- Language: German/English
- Semester: Winter semester
- Teaching Method: Lecture/tutorial
- ECTS: 6