

Otto-Friedrich-
Universität Bamberg



Department of Social Sciences, Economics and
Business Administration

ECTS – GUIDE

2021/22

Postal address:

Otto-Friedrich-Universität Bamberg
D-96045 Bamberg

For visitors:

Feldkirchenstr. 21 / Kärntenstr. 7
D-96052 Bamberg

1	INTRODUCTION.....	5
1.1	General Information.....	5
1.2	What is ECTS and how does it work?	5
1.2.1	How does ECTS work?	5
1.2.2	The allocation of credit points to courses	6
1.2.3	ECTS Students	6
1.2.4	ECTS and the Department of Social Sciences, Economics and Business Administration.....	6
1.2.5	The ECTS Grading System.....	7
2	BAMBERG AND ITS UNIVERSITY	8
2.1	The City	8
2.2	The University.....	8
2.3	Preparatory Course for International Students	10
3	Module Descriptions: Faculty of Social Sciences, Economics and Business Administration ..	11
3.1	Module Description: Business Administration.....	11
3.1.1	Human Resource Management and Organisational Behaviour	11
3.1.2	Betriebliche Steuerlehre	14
3.1.3	International Accounting and Auditing	17
3.1.4	Innovation Management	21
3.1.5	Strategy and Organization	23
3.1.6	Economics and Business Education	26
3.1.7	Sales and Marketing	29
3.1.8	Banking and Financial Control	32
3.1.9	Finance.....	36
3.1.10	Supply Chain Management.....	38
3.1.11	Operations Management and Business Logistics	41
3.2	Module Description: Political Science	43
3.2.1	Comparative Public Policy.....	43
3.2.2	International Relations	44
3.2.3	International and European Politics	46
3.2.4	Chair for the Governance of Complex and Innovative Technological Systems	48
3.2.5	Political Theory	49
3.2.6	Comparative Politics	53
3.2.7	Political Sociology	56
3.2.8	Empirical Political Science	58
3.3	Module Description: Law Coordination Office	62
3.3.1	Public Law and European Community Law	62
3.3.2	Tax Law.....	63
3.3.3	Civil, Labour and Social Law	64
3.4	Module Description: Sociology	66
3.4.1	Regional Labor Economics	66
3.4.2	Sociology of Europe and Globalization.....	67

3.4.3	Demography.....	67
3.4.4	Methods of Empirical Social Research.....	69
3.4.5	Chair of Sociology, with special emphasis on Social Inequalities.....	71
3.4.6	Sociological Theory.....	72
3.4.7	Longitudinal Education Research.....	75
3.4.8	Social Stratification.....	75
3.4.9	European and Global Studies.....	77
3.4.10	Sociology with Focus on Education and Work in the Life Course.....	78
3.4.11	Labour Studies.....	79
3.4.12	Survey Methodology.....	81
3.5	Module Description: Economics.....	83
3.5.1	Economics of Education.....	83
3.5.2	Empirical Microeconomics.....	83
3.5.3	Public Economics.....	85
3.5.4	International Economics.....	87
3.5.5	Applied Economic Research.....	90
3.5.6	Economic Theory.....	92
3.5.7	Economic Policy.....	94
3.6	Module Description: Statistics and Business Mathematics.....	96
3.6.1	Business Mathematics.....	96
3.6.2	Statistics and Econometrics.....	97

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 Townhall (*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 world-wide 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* or *Master* 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:

Otto-Friedrich-University Bamberg
 Prof. Dr. Matthias Muck
 Representative of Foreign Affairs
 Department of Social Sciences, Economics and Business Administration
 Kärntenstr. 7
 D-96052 Bamberg
 Germany

Phone: +49 951/863-2096
 Fax: +49 951/863-2092
 Email: studium-international.sowi@uni-bamberg.de
 Internet: https://www.uni-bamberg.de/sowi/studium/studium_international/

Student Registration:

Akademisches Auslandsamt
 Kapuzinerstr. 25
 D-96045 Bamberg
 Germany

Phone: +49 951/863-1049
 Email: international@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/auslandsamt/>

Academic Calendar:

The academic year 2020/2021 consists of two teaching periods:

Winter Semester: 18th October 2021 – 11th February 2022
 Summer Semester: 25th April 2022 – 29th July 2022

Exams take place after the semester – see:

<http://www.uni-bamberg.de/pruefungsamt/pruefungstermine/> (German only)

2.3 Preparatory Course for International Students

Starting a few weeks before the beginning of the semester, this course is provided 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. Additionally, you will need to give an oral presentation as well as pass a written exam or write a term paper.

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. There is a compulsory online placement test that students must take 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
 Fax: +49 / 951 / 863-5571
 E-Mail: sekretariat.bwl-personal@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/bwl-personal>

Bachelor Program

Principles 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 of personnel; personnel placement; personnel development; leadership; personnel evaluation; compensation & benefits; personnel retention; downsizing, ethics and sustainability in HRM

- Language: German
- Semester: Winter semester
- Teaching Method: Undergraduate lecture and exercise
- ECTS: 6

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

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

Human Resource Development [PM-B-06]

Learning theories; assessing HRD needs; designing and evaluating HRD programmes; strategic HRD; individual careers and career anchors; psychological contracts

- Language: English/German
- Semester: Summer semester
- Teaching Method: Undergraduate seminar and exercise
- ECTS: 6

Additional courses: See webpage www.uni-bamberg.de/bwl-personal

Master Program**The Future of Work [PM-M-02]**

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

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

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

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

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 programme 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: <http://www.ehrm.de>

- 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]

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

Strategic Human Resource Management [PM-M-08]

Strategisches Personalmanagement

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

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

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

Additional courses: See webpage www.uni-bamberg.de/bwl-personal

3.1.2 Betriebliche Steuerlehre

Prof. Dr. Thomas Egner
 Lehrstuhl für Betriebswirtschaftslehre,
 insbes. Betriebliche Steuerlehre
 Feldkirchenstr. 21
 D-96052 Bamberg
 Tel: +49 / 951 / 863-2708
 Fax: +49 / 951 / 863-2701
 Email: thomas.egner@uni-bamberg.de
 Internet: <http://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

Basics of International Taxation

Grundlagen der Internationalen Steuerlehre

Basics of international tax planning; Income taxation of cross-border investments (inbound/outbound); Effects of the regulations of the EU; Double Taxation Agreements

- Language: German
- Semester: 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; Common Consolidated Corporate Tax Base for Europe; 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

Capital Markets and Taxation

Kapitalmarkt und Besteuerung

Prerequisites: Bachelor degree.

Taxation of financial instruments; Tax effects on capital markets; Taxation of market participants; International tax planning

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

3.1.3 International Accounting and Auditing

Prof. Dr. Brigitte Eierle
 Chair of International Accounting and Auditing
 Feldkirchenstr. 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2545
 Fax: +49 / 951 / 863-2546
 Email: bwl-irwp@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/bwl-irwp>

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

Advanced International Financial Reporting

Advanced International Financial Reporting

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

Students will receive a course certificate (Schein) which will be upon application credited towards the courses "Accounting in accordance with IFRS – Advanced" and "Research seminar about International Accounting and Auditing".

Recognition, measurement and disclosure of assets; Revenue recognition; Working capital management; Pensions; Related party transactions; Recording the issuance of bonds; Leases

- 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: Every 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: Every 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, Winter Semester 2021/22
- Teaching Method: Seminar
- ECTS: 6

3.1.4 Innovation Management

Univ.-Prof. Dr. Alexander Fliaster
 Chair of Innovation Management
 Kärntenstr. 7
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-3971
 Fax: +49 / 951 / 863-3975
 Email: sekretariat.bwl-inno@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/bwl-inno>

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

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 semester
- Teaching Method: Lecture & tutorial, multimedia-based case studies
- ECTS: 6

Knowledge Management

Wissensmanagement

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; Uni-dimensional 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 semester
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

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 semester
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

Master Program

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; Three tiers of noncustomers: using value innovations to foster product diffusion

- Language: English
- Semester: Winter and summer semester
- Teaching Method: Lecture, multimedia-based learning simulation, case studies, learning videos
- ECTS: 6

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 models and 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 and summer semester
- Teaching Method: Lecture, case studies, learning videos
- ECTS: 6

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: Individuals and social environment
Complementarity theory of human capital and social capital and their impact on creativity
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: Winter and summer semester
- Teaching Method: Lecture, case studies, learning videos

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; Innovation ecosystems; Digital technologies and challenges of digital transformation

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

3.1.5 Strategy and Organization

Prof. Dr. Martin Friesl

Chair of Strategy and Organization

Feldkirchenstr. 21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2670

Fax: +49 / 951 / 863-2671

E-Mail: ute.hanss@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/bwl-orga>

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

Agility and Organizational Change [Org-B-08]

Agilität und Organisationsveränderung

The practice-oriented seminar lays the foundations on the subject of agility, which is viewed and critically reflected in the context of organizational change. In addition to the theoretical basics, the students develop their own concepts using practical examples. The focus is on exercises and discussions around practical examples (case studies). As an examination performance students will develop and present a concrete concept in a simulated pitch situation and discuss it further in a term paper.

- Language: German
- Semester: Winter / Summer semester
- Teaching Method: 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

Strategic Practice and Process [Org-M-07]

This seminar focuses on the intersection of strategy and organization theory. More specifically, we will focus on a research field called “Strategy practice and process”. Currently one of the fastest growing research disciplines in strategy and organization research. Rather considering strategy as something organizations ‘have’, this literature focuses what people actually ‘do’ when they make strategy. This shift in perspective gives rise to vastly different research questions and results that are of high relevance for management practice. The seminar will focus on topics such as: The strategy process in organizations, Open strategy, The use strategy tools in practice, The role of space and meetings in strategy formation, language, communication and metaphor, practices of sense-making and sense-giving, issue selling

- Language: English
- Semester: Winter / 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

Management Consulting Challenge [Org-M-09]

Management Consulting Challenge

Management consultancies support companies in solving highly complex organizational or strategic issues. The Management Consulting Challenge module will give students the opportunity to gain theoretical and practical insight into the field of management consulting. In the first part, students are taught technical and methodological skills in the field of management consulting. Technical competencies include basic concepts

from strategic management such as the Boston Consulting Group portfolio analysis or the concept of the Five Forces. Methodological skills include, for example, presentation techniques and problem-solving strategies. Technical and methodological skills are trained in case studies.

The practical application of the competencies follows in the second part. Divided into groups, students will work on strategic and organizational challenges from different companies. After a kick-off for students and companies to get to know each other, as well as to make the projects known, a project phase and a final presentation of the project results follow.

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

3.1.6 Economics and Business Education

Prof. Dr. Silvia Annen

Professorship of Business and Human Resource Education

Kärntenstraße 7

D-96052 Bamberg

Tel.: +49 / 951 / 863-2725

Fax: +49 / 951 / 863-2762

E-Mail: silvia.annen@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/wipaed>

Prof. Dr. Karl-Heinz Gerholz

Professorship of Business and Human Resource Education

Kärntenstraße 7

D-96052 Bamberg

Tel.: +49 / 951 / 863-2725

Fax: +49 / 951 / 863-2762

E-Mail: karl-heinz.gerholz@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/wipaed>

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 media

LLDM: Lernen und Lehren mit Digitalen Medien

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 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 (LERNModell) 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 Arbeitens

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

Faculty of Social Sciences & Business Administration

Feldkirchenstraße 21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2566

Fax: +49 / 951 / 863-5566

E-Mail: bjoern.ivals@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/bwl-marketing/>

Bachelor Program

Sales and Marketing

Sales and Marketing

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

Master Program

Sustainability in Sales and Marketing

Nachhaltigkeit in Vertrieb und Marketing

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: German
- 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

Seminar: Current Topics in Sales and Marketing

Seminar: Aktuelle Themen in Vertrieb und Marketing

In depth discussion of marketing-related topics, either as a case study seminar or based on group presentations of specific problems; for the master level. The marketing seminar builds on the knowledge of the fields covered in the various marketing courses. The seminar requires particularly active participation.

- Language: German
- Semester: Summer semester
- Teaching Method: Seminar
- 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-Märkte

Forschungsseminar Business to Business Markets

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 and summer semester
- Teaching Method: Seminar
- ECTS: 6

Blockchain Applications for Business (Online Course Virtuelle Hochschule Bayern (vhb, <https://www.vhb.org/en/>))

Blockchain Applications for Business (Online Kurs der Virtuellen Hochschule Bayern (vhb, <https://www.vhb.org/en/>))

This online course introduces blockchain technology and the application from a business perspective. This includes the value proposition of blockchain technology, blockchain applications in different areas of business and blockchain from a legal, ethical, societal, and ecological perspective.

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

3.1.8 Banking and Financial Control

Prof. Dr. Matthias Muck

Chair of Banking and Financial Control

Kärntenstr. 7

D-96052 Bamberg

Tel.: +49 / 951 / 863-2091

Fax: +49 / 951 / 863-2092

Email: bwl-bfc@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/en/bwl-bfc/>

Bachelor Program

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

Einführung in das Banking und Finanzcontrolling

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 Finance

Main 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 and summer semester
- Teaching Method: Lecture and case discussions
- ECTS: 6

BFC-B-07: Personal Wealth ManagementMain Lecturer: Tobias Kaufmann

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

Master Program**BFC-M-01: Financial Innovation**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 FinanceMain 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: Fixed Income Instruments

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 Bereich Banking und Finanzcontrolling

Main Lecturer: Prof. Dr. Matthias Muck

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: Summer semester
- Teaching Method: Presentation
- ECTS: 6

BFC-M-07: Insurance and Asset Management

Main Lecturer: Dr. Michael Herold

This course addresses central questions in the area of insurance and asset management. After an introductory treatment of the fundamentals of insurance, students deal with the demand for insurance from a decision-theoretic point of view. Afterwards, the course treats non-life insurance by considering aspects of traditional premium calculation, individual and collective risk theory and financial insurance pricing. It further introduces important concepts in life insurance and gives an overview on insurance regulation.

- Language: German (winter semester) / English (summer semester)
- Semester: Winter and summer semester
- Teaching Method: Lecture and case discussions
- ECTS: 6

BFC-M-08: Financial Engineering

Main Lecturer: Dr. Michael Herold

In this module, students deal with the fundamentals of financial engineering. After an introduction to software-based model implementation, the acquired skills are applied to selected problems. Important models and concepts, e.g. the stochastic volatility model of Heston (1993), are first introduced and then analyzed using appropriate software.

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

3.1.9 Finance

Prof. Dr. Andreas Oehler
 Chair of Finance
 Kärntenstraße 7
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2537
 Fax: +49 / 951 / 863-2538
 Email: info.bwl-finanz@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/bwl-finanz/>

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 Financial Management and Corporate Governance [Fin-M-02]

Strategisches Finanzmanagement und Corporate Governance

The market for corporate control; Corporate governance & control: Shareholder Value concept and theory of the firm; international legal framework; Corporate governance & control: Investor protection and insider violations, an international comparison. (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

Capital Structure and Corporate Valuation [Fin-M-03]

Kapitalstruktur und Unternehmensbewertung

Capital Structure and cost of capital: The traditional view; empirical evidence; Capital Structure and cost of capital: New concepts; empirical evidence; High yield bonds; Rating: Theoretical framework and methods; Rating consequences: Rating migration, rating changes; Payout policies. (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

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

Corporate Financial Analysis and Rating [Fin-M-05]

Unternehmensanalyse und Rating

Performance & risk management; risk management process: identification, valuation, management and control; financial analysis of a company & valuation: instruments, structures and models; solvency and expected loss; early detection of risks; consequences of ratings for prices on bond markets; spill-over-effects of ratings; rating and regulation. (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

Empirical and Experimental Research in Capital Markets [Fin-M-06]

Empirische und experimentelle Finanzmarktforschung

Empirical research in finance: models, structures & instruments; experimental research in finance: diversity & characteristics; qualitative and quantitative research methods; empirical and experimental research in financial

market structures; empirical and experimental research in market behavior; practical implications for financial markets and market microstructure; practical implications for economic behavior and laboratory experiments; implications for economic practice. (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

3.1.10 Supply Chain Management

Prof. Dr. Alexander Pflaum
 Chair of Supply Chain Management
 Feldkirchenstr. 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-1771
 Fax: +49 / 951 / 863-1777
 E-Mail: bwl-scm@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/bwl-scm>

Bachelor Program

Principles of 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

Supply Chain Management and Digitalization [SCM-B-03]

Supply Chain Management und Digitalisierung

This course is designed as an introductory course to Supply Chain Management (SCM) and digitalization. The background is the steadily increasing digitization of value chains. The students will learn general and branch-specific concepts of supply chain management. Further, they will be able to understand trends towards digitization and their impact on the living and working world and the links to Supply Chain Management. Relevant business theories are, for example, network, transaction cost, and principal-agent theory. The module lays the foundations for further lectures about the use of modern information and communication technologies (ICT) in logistics as well as the designing of innovative services for logistics and Supply Chain Management.

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

Master Courses

Technologies of Radiofrequencies in Logistics I [SCM-M-01]

Funktechnologien in der Logistik 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

Technologies of Radiofrequencies in Logistics II [SCM-M-02]

Funktechnologien in der Logistik 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

Data Science in Supply Chain Management [SCM-M-6]

Data Science im Supply Chain Management

Embedded in the theoretical context of supply chain management, the course deals with the basics and methods from the field of data science and analytics. At the end of the course, students should be able to work independently on a small data science project in the area of supply chain management in the form of a group project. In doing so, they will go through all steps of the data science pipeline and implement them practically with R or Python.

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

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

Digitale Transformation von Wertschöpfungssystemen

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

3.1.11 Operations Management and Business Logistics

Prof. Dr. Eric Sucky
 Chair of Operations Management and Business Logistics
 Feldkirchenstr. 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2519
 Fax: +49 / 951 / 863-2520
 E-Mail: eric.sucky@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/pul>

Bachelor Courses

Production & Logistics Management I

Produktions- und Logistikmanagement I

Basic structures and concepts of production and logistics; production theory, cost theory.

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

Production & Logistics Management II

Produktions- und Logistikmanagement II

Principles and basic structures and concepts of production and logistics 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

Logistik

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

Operations Management

Operations Management

Introduction to Operations Management; Production Planning & Control; Auctions; Decision Trees; Production lot sizing; Inventory Management; Newsvendor model; Flexibility; Assembly line balancing; Order release and scheduling.

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

Supply Chain Management*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: German
- Semester: Winter semester
- Teaching Method: Lecture & tutorial
- ECTS: 6

Operations Research*Operations Research*

The lecture discusses general optimization methods that are frequently applied in transportation and production planning. Methods include the simplex algorithm, branch and bound algorithm, as well as several heuristics. After introducing basic concepts of graph theory, Markov chains are discussed, which are taken as basis for a detailed insight into queuing theory. To overcome boundaries of analytical solutions for queuing problems, simulation is introduced, which also includes some basic methods of random number generation. Students should be aware that the subject is quite quantitative and, therefore, requires a solid mathematical background.

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

3.2 Module Description: Political Science

3.2.1 Comparative Public Policy

Prof. Dr. Frank Bandau
 Chair of Comparative Public Policy
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2624
 E-Mail: frank.bandau@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/policy>

Bachelor Courses

Seminar on topics of international comparative policy analysis

Seminar zu Themen der international vergleichenden Politikfeldanalyse

The aim of these BA-level seminars is to analyze different policy fields and to discuss specific issues of policy analysis. The participants of these Seminars acquire knowledge about specific themes in public policy. Their task is to develop a research question and a research design based on one of the theories of public policy analysis. Results will have to be presented in class. The presentations constitute the basis for their research papers.

In this course, participants get to know a relevant policy issues and will learn to prepare an empirical research based on literature, data and primary sources.

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

Advanced Seminar: Institutionalism and Public Policy Analysis

Vertiefungsseminar: Institutionalismus und Politikfeldanalyse

Participants in this seminar will be introduced to the three new institutionalisms (rational, sociological and historical institutionalism). In the first part of the seminar we will discuss the three theoretical approaches and learn about their relative Strengths and weaknesses. In the second part of the seminar, we will apply these theories to different policy areas (e.g. economic, social, tax or health policy). The aim of the seminar is to enable to students to develop and pursue their own research projects within institutionalism.

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

Master Courses

Political Economy

Vorlesung (Politikfeldanalyse I): Politische Ökonomie

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

Market and State

Seminar (Politikfeldanalyse III): Markt und Staat

In this seminar, we will analyze the relation between politics and economy by deepening one or a few selected issues of the lecture in Political Economy. Students will prepare and present their own research papers.

The aim of the seminar is to achieve a deeper understanding on the relation between politics and the economy. Furthermore, this seminar improves your skills to do theory-guided empirical research in political economy.

Materials and literature will be provided in the virtual campus.

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

Selected Policy Fields

Seminar (Politikfeldanalyse IV): Ausgewählte Politikfelder

Within the seminar, one or more policy fields will be analyzed. Which factors determine these policies.

Examples of potential policy fields are: financial market regulation, tax policy or social policy. Other topics could include the analysis of certain outcomes or processes, for example: Public debt, inequality and liberalization. We will not only analyze the national or comparative level, but also the European and global level.

This seminar improves your skills to do theory-guided empirical research in public policy analysis.

Materials and literature will be provided in the virtual campus.

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

3.2.2 International Relations

Prof. Dr. Thomas Gehring

Chair of International Relations

Feldkirchenstraße 21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2720

E-Mail: thomas.gehring@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/polib/>

Bachelor Courses

Lecture Introduction to International and European Politics

Vorlesung Einführung in die Internationale und Europäische Politik

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

Proseminar Introduction to International and European Politics

Proseminar Internationale und europäische Politik

- Language: German/English
- Semester: Winter and summer semester
- Teaching Method: Proseminar
- ECTS: 5

Seminar International and European Politics

Seminar Internationale und europäische Politik

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

Advanced Seminar International and European Politics

Vertiefungsseminar Internationale und europäische Politik

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

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

This seminar 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 UN language.

- Language: English
- Semester: Winter semester
- Teaching Method: Bachelor seminar, Master seminar
- ECTS: 6/8

Master Courses

Lecture International and European Politics I

Vorlesung (MA): Internationale und europäische Politik I

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

Master Seminar International and European Politics II*Hauptseminar: Internationale und europäische Politik II*

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

Master Seminar International and European Politics III*Hauptseminar: Internationale und europäische Politik III*

- Language: German or English
- Semester: yearly
- Teaching Method: Master Seminar
- ECTS: 8

Master Seminar International and European Politics IV*Hauptseminar: Internationale und europäische Politik IV*

- Language: German or English
- Semester: yearly
- Teaching Method: Master Seminar
- ECTS: 8

Master Seminar International and European Politics V*Hauptseminar: Internationale und europäische Politik V*

- Language: German or English
- Semester: yearly
- Teaching Method: Master Seminar
- ECTS: 8

National Model United Nations “How the United Nations works” (MA)*Hauptseminar: Internationale und europäische Politik VI*

This seminar 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 UN language.

- Language: English
- Semester: Winter semester
- Teaching Method: Bachelor seminar, Master seminar
- ECTS: 8

3.2.3 International and European Politics

Prof. Dr. Monika Heupel

Professor for International and European Politics

Feldkirchenstr.21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2723

E-Mail: monika.heupel@uni-bamberg.de

Internet: <https://www.uni-bamberg.de/en/polint/team/profdr-monika-heupel/>

Bachelor Program

Lecture Introduction to International and European Politics

Vorlesung Einführung in die Internationale und Europäische Politik

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

Proseminar Introduction to International and European Politics

Proseminar Internationale und europäische Politik

- Language: German/English
- Semester: Winter and summer semester
- Teaching Method: Proseminar
- ECTS: 5

Seminar International and European Politics

Seminar Internationale und europäische Politik

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

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

This seminar 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 UN language.

- Language: English
- Semester: Winter semester
- Teaching Method: Bachelor seminar, Master seminar
- ECTS: 6/8

Master Courses

Master Seminar International and European Politics V: Norms in International Relations

Hauptseminar zu Themen der internationalen Politik V: Norms in International Relations

Norms can have important constitutive and regulative effects in international relations: They constitute states’ and other actors’ identities and preferences and they constrain their leeway by making norm-violating behavior costly. This seminar investigates the many different ways in which norms can shape international politics. We get to know basic concepts such as the norm life cycle, norm emergence and norm socialization. We ask how norms change over time, how they diffuse across space, and how they adapt to different contexts. We also concern ourselves with processes of norm contestation and norm regress or death. Empirically, the seminar draws primarily on examples from the issues areas human rights, security and development.

- Language: English
- Semester: Winter semester

- Teaching Method: Master seminar
- ECTS: 8

Master Seminar Political Research Methods II: Qualitative Methods of Comparative Social Inquiry

HS: Politikwissenschaftliche Methoden II: Qualitative Methods of Comparative Social Inquiry

This seminar offers a broad but thorough introduction to the field of qualitative methods. It aims to situate the use of qualitative methods in different research traditions in order to uncover their respective advantages and limitations. This is an introductory course, and hence it is addressed to students with no prior knowledge on qualitative methods. The course covers topics such as sampling, data collection through various field methods (e.g. interviews), comparative case studies and data analysis using MaxQDA software. We will also discuss the broader questions of ethics in social science research.

- Language: English
- Semester: Winter semester
- Teaching Method: Master seminar
- ECTS: 8

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

This seminar 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 UN language.

- Language: English
- Semester: Winter semester
- Teaching Method: Bachelor seminar, Master seminar
- ECTS: 8

3.2.4 Chair for the Governance of Complex and Innovative Technological Systems

Prof. Dr. Andreas Jungherr

Chair for the Governance of Complex and Innovative Technological Systems

Feldkirchenstraße 21 / F-21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2738

Fax: +49 / 951 / 863-5738

E-Mail: andreas.jungherr@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/complexsys>

Bachelor Courses

PWB-ST-S: Governance of Technological Systems: Political Communication

PWB-ST-S: Steuerung technischer Systeme: Politische Kommunikation

Homepage: <https://www.uni-bamberg.de/complexsys/>

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

- ECTS: 6

PWB-ST-VS: Governance of Technological Systems: Digitalisation in society and politics

PWB-ST-VS: Steuerung technischer Systeme: Digitalisierung in Gesellschaft und Politik

<https://www.uni-bamberg.de/complexsys/>

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

PWB-ST-S: Governance of Technological Systems: Technik Governance

PWB-ST-S: Steuerung technischer Systeme: Technik Governance

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

Master Courses

PWM-ST-HS4: Steuerung technischer Systeme IV: Responses to science and technology: Attitudes, communication and persuasion

PWM-ST-HS4: Governance of Complex Systems IV: Responses to science and technology: Attitudes, communication and persuasion

Homepage: <https://www.uni-bamberg.de/complexsys/>

- Language: German
- Semester: Summer and winter Semester
- Teaching Method: Seminar
- ECTS: 8

Politikwissenschaftliche Methoden II: Forschungsprojekt in der Computational Social Science

Political Science Methods II: Research Project in Computational Social Science

Homepage: <https://www.uni-bamberg.de/complexsys/>

- Language: German
- Semester: Summer and winter Semester
- Teaching Method: Seminar
- ECTS: 8

3.2.5 Political Theory

Prof. Dr. Johannes Marx

Chair of Political Theory

Feldkirchenstraße 21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2640

Fax: +49 / 951 / 863-2641

E-Mail: johannes.marx@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/poltheorie>

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 – Vorlesung: Einführung in die politische Theorie V (BA)

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

Basic seminar in Political Theory. – Proseminar zur Politischen Theorie – PS (BA)

Content: This seminar type on Political Theory deals with the same topics as the Seminars (cf. below) - History of Ideas based on selected theorists or problem complexes and the instruments of Modern Political Theory. In contrast to the seminar, the proseminar focuses on the teaching of techniques. In proseminars with a focus on the history of ideas, the focus is on teaching techniques for the reconstruction of historical texts. In proseminars related to Modern Political Theory, the focus is on teaching the instruments of action and decision theory for the analysis of complex political processes.

Learning Outcomes: In dealing with the history of ideas, students should develop the ability to analyse texts, systematically compare arguments and weigh them against each other on the basis of selected examples. In the proseminars, the subject of which is the modern instrument of theory formation, they should acquire the ability to apply the instruments in the modelling and theoretical interpretation of political processes, in particular the formation of institutions and the functioning of institutions.

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

- Language: German / English
- Semester: Winter / Summer semester
- Teaching Method: Basic seminar / tutorial
- ECTS: 5

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

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: 6

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

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

Advanced Topics in Political Theory – 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: 8

Advanced Studies II
(Master in Political Science)

Philosophy of Science / Advanced Methods I – Seminar: Grundlagen der Wissenschaftstheorie: Politikwissenschaftliche Methoden I – HS (MA)

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) – *Politische Theorie I* – HS (MA)

Content: The lecture deals with the topics metaethics, ethics and political philosophy as well as theories of just order. Individual topics are in particular: The nature and tasks of ethics, the language of morality, the problem of justification in normative statements, deontological and consequent 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: German
- Semester: Winter semester
- Teaching Method: Lecture-based module (Vorlesung) for graduate students (weekly two-hour lectures)
- ECTS: 6

Normative Political Theory: (Political Theory II) – *Hauptseminar: Politische Theorie II* – HS (MA)

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: German / 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) – *Hauptseminar: Politische Theorie III* – HS (MA)

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: German / 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 – Hauptseminar: Politische Theorie IV – HS (MA)

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: German / 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: German / English
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 8

3.2.6 Comparative Politics

Prof. Dr. Thomas Saalfeld
 Head of the Section Comparative Politics
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2555
 Fax: +49 / 951 / 863-2606
 E-Mail: thomas.saalfeld@uni-bamberg.de
 Internet: <https://www.uni-bamberg.de/comparpol/>

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 such as (“Selected

Topics in Comparative Politics: Russian Government Politics” or “Advanced Topics in Comparative Politics: Politische Beteiligung von Minderheiten in Deutschland”).

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. For up-to-date information and seminar times, please refer to <https://www.uni-bamberg.de/compapol/studium/lehrveranstaltungen-und-aktuelle-hinweise-zu-covid-19/>

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

PWB-VP-S Seminar Comparative Politics

Seminar Vergleichende Politikwissenschaft

This seminar-based module is designed for the in-depth study of specific topics in Comparative Politics. Familiarity with basic concepts, theories and methods of Political Science and Comparative Politics is strongly recommended (e.g. by attending the lecture-based course “Introduction to Comparative Politics” and the seminar-based module Comparative Politics: “Introduction to Issues and Methods in Political Science”, Topics

vary each semester, but generally focus on specific questions covered in the lecture-based module above (e.g. the government and politics of particular states [in particular, Germany, United Kingdom, USA or cross-cutting topics such as parliaments, governments, coalitions or electoral systems]). For up-to-date information, please refer to <https://www.uni-bamberg.de/comparpol/studium/lehrveranstaltungen-und-aktuelle-hinweise-zu-covid-19/>

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

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

PWB-VP-VS Advanced Seminar Comparative Politics

Vertiefungsseminar Vergleichende Politikwissenschaft

This advanced seminar-based module is designed to provide an in-depth introduction to specific topics of Comparative Politics. Compared to introductory seminar-based modules, there is a stronger emphasis on independent research. Prior knowledge of the subject matters covered in the first two years of study is required, as is familiarity with qualitative and quantitative research methods. Topics vary by semester (e.g., the politics of coalition government; Westminster democracies; specific topics relating to the government and politics of liberal democracies). For up-to-date information, please refer to <https://www.uni-bamberg.de/comparpol/studium/lehrveranstaltungen-und-aktuelle-hinweise-zu-covid-19/>

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

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

PWM-VP-V Lecture Comparative Politics I

Vorlesung (MA) Vergleichende Politikwissenschaft I

This lecture-based module, entitled ‘Comparative Political Institutions’, provides an introduction to the ‘New Institutionalism’ in Political Science, covering political, economic, sociological, historical and interpretive approaches to the study of political and social institutions in the first half of the course. The second part will focus on principal-agent theory, theories of transaction-cost politics, bargaining theory and veto player theory, i.e., key approaches within the rational-choice (or economic) institutionalist research programme. This advanced module should only be attended if the student has a good grounding in Political Science. It is not recommended for exchange students from other academic disciplines. For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/comparpol/studium/lehrveranstaltungen-und-aktuelle-hinweise-zu-covid-19/>

- 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

This seminar-based module for MA students is designed to deal with specific topics of the lecture course and

the seminar-based module Comparative Politics II in greater depth, with a strong emphasis on cutting-edge research methods in the area. Topics vary by semester but generally focus on the application of particular research methods to the study of the subject (e.g., network analysis, survival analysis, qualitative or quantitative text analysis). For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/comparpol/studium/lehrveranstaltungen-und-aktuelle-hinweise-zu-covid-19/>

- 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

This seminar-based module for MA students is designed to deal with selected topics in comparative politics, including political parties and institutions (governments, parliaments, etc.) with a strong emphasis on cutting-edge research in the area. Topics vary by semester but generally focus on specific problems of political institutions (e.g., systems of government, parliaments or governments) collective action (e.g., e.g., political parties or interest groups). For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/comparpol/studium/lehrveranstaltungen-und-aktuelle-hinweise-zu-covid-19/>

- 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

This seminar-based module for MA students covers selected topics in the study of German politics and government and has a strong emphasis on cutting-edge research in the area. Topics vary by semester but generally focus on specific problems of political institutions (e.g., systems of government, parliaments or governments) collective action (e.g., political parties or interest groups). For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/comparpol/studium/lehrveranstaltungen-und-aktuelle-hinweise-zu-covid-19/>

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

3.2.7 Political Sociology

Prof. Dr. Carsten Schwemmer

Chair of Political Sociology

Feldkirchenstraße 21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2706

Fax: +49 / 951 / 863-5706

E-Mail: carsten.schwemmer@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/polsoz/leitung>

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 semester
- Teaching Method: Lecture
- ECTS: 5

Seminar in Political Sociology

Seminar zur Politischen Soziologie

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

Seminar in Political Sociology

Seminar zur Politischen Soziologie

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

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

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 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: German

- Semester: Summer 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: German
- 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 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: Summer semester
- Teaching Method: Advanced seminar
- ECTS: 8

3.2.8 Empirical Political Science

Prof. Dr. Ulrich Sieberer

Professorship of Empirical Political Science

University of Bamberg

Bamberg Graduate School of Social Sciences

Feldkirchenstraße 21, Room FG1 01.04

D-96052 Bamberg

Tel: +49 / 951 / 863 2805

E-Mail: ulrich.sieberer@uni-bamberg.de

Website: <https://www.uni-bamberg.de/emppol/team/prof-dr-ulrich-sieberer/>

Bachelor Courses

The Professorship 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*

This seminar-based module is designed for the in-depth study of specific topics in Comparative Politics. Familiarity with basic concepts, theories and methods of Political Science and Comparative Politics is strongly recommended (e.g. by attending the lecture-based course “Introduction to Comparative Politics” and the seminar-based module Comparative Politics: “Introduction to Issues and Methods in Political Science”, Topics vary each semester, but generally focus on specific questions covered in the lecture-based module above (e.g. the government and politics of particular states [in particular, Germany, United Kingdom, USA or cross-cutting topics such as parliaments, governments, coalitions or electoral systems]). 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

PWB-VP-HS3 Advanced Seminar-Comparative Politics*Vertiefungsseminar Vergleichende Politikwissenschaft*

This advanced seminar-based module is designed to provide an in-depth introduction to specific topics of Comparative Politics. Compared to introductory seminar-based modules, there is a stronger emphasis on independent research. Prior knowledge of the subject matters covered in the first two years of study is required, as is familiarity with qualitative and quantitative research methods. Topics vary by semester (e.g., the politics of coalition government; Westminster democracies; specific topics relating to the government and politics of liberal democracies). 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: 8

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*

This seminar-based module for MA students is designed to deal with specific topics of the lecture course and the seminar-based module Comparative Politics II in greater depth, with a strong emphasis on cutting-edge research methods in the area. Topics vary by semester but generally focus on the application of particular research methods to the study of the subject (e.g., network analysis, survival analysis, qualitative or quantitative text analysis). 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*

This seminar-based module for MA students is designed to deal with selected topics in comparative politics, including political parties and institutions (governments, parliaments, etc.) with a strong emphasis on cutting-edge research in the area. Topics vary by semester but generally focus on specific problems of political institutions (e.g., systems of government, parliaments or governments) collective action (e.g., e.g., political parties or interest groups). 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-HS4 Master's Seminar Comparative Politics IV

Hauptseminar Vergleichende Politikwissenschaft IV

This seminar-based module for MA students is designed to deal with selected topics of German politics from an analytical perspective. Topic vary by semester, often based on current political events such as elections. For up-to-date information on the current programme please refer to <https://www.uni-bamberg.de/emppol/studium/aktuelle-lehrveranstaltungen/>

- Language: German
- Semester: Winter and summer semester
- Teaching Method: Seminar-based module (Seminar) for graduate students
- ECTS: 8

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

Hauptseminar Politikwissenschaftliche Methoden III

This course introduces and applies basic statistical methods. It is designed as a refresher course for master students with little or no statistical training during their Bachelor degree. Topics covered include descriptive statistics, linear regression, and logistic regression. The seminar applies these techniques on sample data using the statistical software package Stata. At the end of the course, students should understand the basic logic of inferential statistics and be able to perform simple analyses using statistical software

- Language: English
- Semester: Winter and summer 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 course is designed as a review on research design, especially the logic of causal inference. It will cover the entire research process in empirical-analytical political science from finding a research question via placing it in the context of exiting research, formulation a theory, deriving hypotheses, operationalizing and measuring core concepts, testing hypotheses to finally interpreting results and relating them to exiting work. A special focus will be on the conditions that allow for casual inferences in different research designs, both in the tradition of casual effects and causal mechanisms. 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-VP-V Lecture Comparative Politics I

Vorlesung (MA) Vergleichende Politikwissenschaft I

This lecture-based module for MA students is designed to deal with selected topics in comparative politics, including political parties and institutions (governments, parliaments, etc.) with a strong emphasis on cutting-edge research in the area. Topics vary by semester but generally focus on specific problems of political

institutions (e.g., systems of government, parliaments or governments) collective action (e.g., e.g., political parties or interest groups). 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
 Fax: +49 / 951 / 863-1200
 E-Mail: sekretariat.korewi@uni-bamberg.de
 Internet: <http://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 Tax Law

Prof. Dr. Michael Fischer

Chair of tax law

Richard-Wagner-Str. 2

D-91054 Erlangen

Tel.: +49 / 9131 / 85-70252

Fax: +49 / 9131 / 85-70253

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

Internet: <http://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-04]

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

3.3.3 Civil, Labour and Social Law

Prof. Dr. Steffen Klumpp

Chair of Civil, Labour and Social Law

Schillerstraße 1

D-91054 Erlangen

Tel.: +49 / 9131 / 85-24200

Fax: +49 / 9131 / 40 10 143

E-Mail: wr3@jura.uni-erlangen.de

Internet: <https://www.wr3.rw.fau.de/>

Master Courses

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

Arbeitsrecht II (Kollektives Arbeitsrecht)

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

3.4 Module Description: Sociology

3.4.1 Regional Labor Economics

Prof. Dr. Wolfgang Dauth
 Chair for sociology with the focus on regional labor economics
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2835
 E-Mail: wolfgang.dauth@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/regam/>

Bachelor Program

Introduction to Labor Market Research

Einführung in die Arbeitsmarktforschung [BA SOZ D.6.1F]

Introduction in the basics of labor market research. In this Seminar, we will focus on topics that related to the labor market, which are currently discussed by researchers and/or the media. Examples for those topics – among others – are the various labor market consequences of the Covid-19 pandemic, of technological change, and of de-carbonization. Each participant prepares a 15-page term paper, which she/he will present to the other participants during the seminar meetings.

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

Master Program

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

Neue Entwicklungen der Arbeitsmarktforschung: Empirical labor market research [Teil des Moduls MA SOZ POA3 Wirtschaft und Arbeitsmarkt]

The aim of this course is to learn how data analysis can be used to study the labor market. We will discuss a number of very recent developments and their implications for the labor market. The first part of each chapter consists of a 90-minute lecture on a very current topic. We will discuss the topic's relevance, learn about the underlying predictions from economic theory, and summarize the existing empirical evidence. The second part is a lab tutorial, where we carry out our own data analysis using the statistical software package STATA. Students learn to comprehend empirical studies, recognize possible pitfalls in applied data analysis, and conduct their own analyses using statistical software and authentic datasets.

- Language: German/English
- Semester: Summer semester
- Teaching Method: Lecture / PC Tutorial
- ECTS: 12 (only for attending the complete module!)

3.4.2 Sociology of Europe and Globalization

Prof. Dr. Daniel Drewski
 Junior Professorship for Sociology of Europe and Globalization
 Feldkirchenstraße 21/01.24
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-0
 Fax: +49 / 951 / 863-1200
 E-Mail: daniel.drewski@uni-bamberg.de

Bachelor Courses

Sociology of Transnational Processes in International Structures: Changing Society and Politics: Current topics of the sociology of Europeanization

Soziologie transnationaler Prozesse und internationaler Strukturen: Gesellschaft und Politik im Wandel: Aktuelle Themen der Europasoziologie

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

Master Courses

European and Global Studies: Globalization, social inequalities and transnational class-making

Europäische und globale Studien: Globalisierung, soziale Ungleichheiten und transnationale Klassenbildung

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

3.4.3 Demography

Prof. Dr. Henriette Engelhardt-Wölfler
 Professorship of Demography
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2645
 Fax.: +49 / 951 / 863-1200
 E-Mail: henriette.engelhardt-woelfler@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/demografie>

Bachelor Courses

Introduction to Population Studies: Demographic Data Analysis

Einführung in die Bevölkerungswissenschaft: Demografische Datenanalyse

- Language: German/English
- Semester: Winter semester
- Teaching Method: Lecture and seminar
- ECTS: 5

Special Issues of Population Studies: Family and Fertility in the Middle East and North Africa*Spezielle Aspekte der Bevölkerungswissenschaft: Familie und Fertilität im Nahen Osten und Nordafrika*

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

Special Issues of Population Studies*Spezielle Aspekte der Bevölkerungswissenschaft*

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

Master Courses**Family Studies: Family Demography***Family Studies: Familiendemografie*

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

Family Studies

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

Population Studies: Digital and Computational Demography

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

Population Studies: Demographic Methods

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

Research Seminar Population and Family Studies*Forschungspraktikum Bevölkerung und Familie*

- Language: German/English
- Semester: Winter semester
- Teaching Method: Lecture and project seminar
- ECTS: 12

3.4.4 Methods of Empirical Social Research

Prof. Dr. Michael Gebel
 Chair of Sociology, especially Methods of Empirical Social Research
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2628
 Fax: +49 / 951 / 863-1200
 E-Mail: sekretariat.empsoz@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/en/empsoz/>

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/exercise course/tutorial
- 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/exercise course/tutorial
- 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: Winter
- 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 or German
- 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
 Feldkirchenstr. 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2591 (-2596)
 Fax: +49 / 951 / 863-2597
 E-Mail: sekretariat.sociologie1@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/soz1/>

Bachelor Courses

Modules: Education in the Life Course / Bildung im Lebenslauf (Major Field of Study)

Modul: Bildung, Arbeit, Familie und Lebenslauf (Studienschwerpunkt)

Education in the Life Course

Bildung im Lebenslauf

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 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.

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

Modules: Selected topics in social stratification / Ausgewählte Probleme der Sozialstrukturanalyse (Major Field of Study)

Modul: Bildung, Arbeit, Familie und Lebenslauf (Studienschwerpunkt)

What is social inequality? Which classic and which newer dimensions of social inequality can be distinguished? How does social inequality arise (in society and in the individual life course) and how should it be judged and, if necessary, reduced? We want to ask ourselves these and other questions in this seminar. We will deal with theoretical attempts to explain social inequality and with empirical descriptions of phenomena of inequality, as well as with political perspectives on the perception and the discourse on social inequality.

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

Master Courses

Modules: Inequality and Social Structure / Ungleichheit und Sozialstruktur (Major Field of Study)

Modul: Education, labor market and inequality / Bildung, Arbeitsmarkt, Ungleichheit (Studienschwerpunkt)

“Education, Employment, Family in the Life Course”. Life expectancy in Germany continues to rise and average health is improving. Next to these positive trends, there is the problem that health and its improvement are very unequally distributed between social groups. In this seminar, we want to investigate how health inequalities can be explained. We discuss how factors that, from a sociological point of view, part of the social structure (i.e. dimensions of social inequality such as education, occupation, income) influence health in the course of life in such a way that certain socially disadvantaged groups are sicker and die earlier. Of course, these factors themselves play a role, so do associated individual behaviors, cultural and psychosocial factors, as well as

medical care. By reading and discussing research results from various disciplines in German and English, we will explore the extent of health inequalities in Germany and other countries and how it can be examined empirically. We will ask ourselves open normative questions, e.g. to what extent health differences are unfair and how the responsibility for health should be shared by the individual and public institutions. Finally, there is also a brief glimpse into social science concepts such as prevention and health promotion, which are used in the practice of the health professions in order to reduce health inequalities

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

3.4.6 Sociological Theory

Prof. Dr. Thomas Kern
 Chair of Sociology, especially Sociological Theory
 Feldkirchenstr. 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-3142
 E-Mail: thomas.kern@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/soz2>

Bachelor Program

Introduction to General Sociology I

Allgemeine Soziologie I

Main Lecturer: Prof. Dr. Thomas Kern

Keywords: Intentionality, Social Action, Normative Paradigm, Interpretive Paradigm, Rational Choice, Emotions, Identity, Differentiation, Inequality

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

Introduction to General Sociology II

Allgemeine Soziologie II

Main Lecturer: Prof. Dr. Thomas Kern

Keywords: Trans-Intentional Effect, Network, Path Dependence, Collective Behavior, Collective Action, Power, Negotiated Agreements, Organizations

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

Introduction to sociological working

Einführung in das soziologische Arbeiten

Main Lecturer: Dipl. Soz. Susann Sachse-Thürer

Basic scientific techniques in sociology

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

- ECTS: 5

Historically and culturally comparative sociology: Selected fields of social change

Historisch und kulturell vergleichende Soziologie: Ausgewählte Felder des sozialen Wandels

Main Lecturer: various lecturers

Analysis of social phenomena and their impact on societal change

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

Media and communication: Sociological communication theories

Soziologie der medialen Kommunikation: Soziologische Kommunikationstheorien

Main Lecturer: various lecturers

A theoretical approach to communication and media

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

Master Courses

Module: Sociological Theory and Analyses of Social Structure

Modul: Soziologische Theorien und Sozialstrukturanalyse

Sociological Theory and Research

Soziologische Theorie und Forschung

Main Lecturer: Prof. Dr. Thomas Kern

Keywords: Sociological Theory, Concept Formation, Epistemology

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

Module: Comparative Macro-Sociology: Advanced Topics

Modul: Komparative Makrosoziologie: Fortgeschrittene Themen

Introduction to Sociology of Social Conflicts

Einführung in die Soziologie sozialer Konflikte

Main Lecturer: various lecturers

Keywords: Conflict Theory, Politicization of Science

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

Communication and Discourse

Kommunikation und Diskurs

Main Lecturer: Prof. Dr. Thomas Kern

Keywords: Origins of Human Communication, Functions of Communication, Performativity, Discourse, Systems of Communication

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

Module MASOZ-ST2/MASOZ-ST3: Sociological Theory

Modul MASOZ-ST2/MASOZ-ST3: Soz. Theorie

Various seminars on offer / Various lecturers

Module MASOZ-KMI4

Modul MASOZ-KMI4

Social Network Analysis 1

Soziale Netzwerkanalyse 1

Main Lecturer: Dr. Insa Pruiskien

Keywords: Practical application of social network analysis, methods, training at the computer, analyzing network data (centrality, cliques, block modeling etc.)

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

Module MASOZ-KMI4

Modul MASOZ-KMI4

Social Network Analysis 2

Soziale Netzwerkanalyse 2

Main Lecturer: Dr. Insa Pruiskien

Keywords: Practical application of social network analysis, methods, training at the computer, analyzing network data (centrality, cliques, block modeling etc.)

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

3.4.7 Longitudinal Education Research

Prof. Dr. Corinna Kleinert
 Professor of Sociology, esp. Longitudinal Education Research
 Wilhelmsplatz 3
 D-96047 Bamberg
 Tel.: +49 / 951 / 863-3574
 Fax: +49 / 951 / 863-3411
 E-Mail: bildungsforschung@lifbi.de
 Internet: <http://www.uni-bamberg.de/sozlangbifo/team/prof-dr-corinna-kleinert/>

Master Courses

Research Internship: Education, Labour Market, Inequality: Analysing the National Educational Panel Study (Part II) [Module MASOZ-BAU3]
Forschungspraktikum: Analysen zu Bildung, Arbeitsmarkt, Ungleichheit: Analysing the National Educational Panel Study (Part II)

In the course students will independently conduct empirical research on the topics education, labour and inequality.

For registration the attendance of the research internship: Analysing the National Educational Panel Study (Part I) by Prof. Dr. Steffen Schindler is required.

- Language: German or English – the language of the course will be announced at the beginning of the semester
- Semester: Summer semester
- Teaching Method: Seminar
- ECTS: 6

3.4.8 Social Stratification

Prof. Dr. Cornelia Kristen
 Chair for Sociology, esp. Analysis of Social Structure
 Feldkirchenstraße 21/01.55a
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2675 and 2676
 Fax: +49 / 951 / 863-3865
 E-Mail: cornelia.kristen@uni-bamberg.de
 Internet: <http://www.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. Steffen Schindler)

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 or German
- 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-M12 – Ethnic Inequalities

MASOZ-M12 – *Ethnische Ungleichheit*

- Language: English or German
- 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 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-M13 – Research on migration and integration

MASOZ-M13 – *Aktuelle Befunde der Migrations- und Integrationsforschung*

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

3.4.9 European and Global Studies

Prof. Dr. Elmar Rieger

Chair of Sociology, in particular European and Global Studies

Feldkirchenstraße 21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2628

E-Mail: professur.sociologie@gmail.com

Internet: <http://www.uni-bamberg.de/soz3/>

Bachelor Courses

Sociology of Globalization and World Society

Soziologie der Globalisierung und der Weltgesellschaft

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

Sociology of multicultural societies*Soziologie multikultureller Gesellschaften*

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

Master Courses**Society and Community in the Age of Globalization: Foundations***Gesellschaft und Gemeinschaft im Zeitalter der Globalisierung: Grundlagen*

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

3.4.10 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

Feldkirchenstraße 21

D-96052 Bamberg

Tel.: +49 / 951 / 863-2415

E-Mail: sek.sozbalv@uni-bamberg.deInternet: <https://www.uni-bamberg.de/en/sozbalv/>**Bachelor Courses****Kolloquium für Qualifikationsarbeiten im Bereich Bildung und Arbeit im Lebensverlauf***EN: Thesis Seminar in Education and Work in the Life Course*

- Language: German
- Semester: WS2021/22
- Teaching Method: colloquium

Master Courses**COVID19 and Social Inequality – a Project Seminar**

The COVID19 pandemic not only constituted a significant threat to contemporary societies' health systems, but also had an impact on social inequalities. In this project seminar, we will review recent studies dealing with the consequences of COVID19 and the related political measures on different dimensions of social inequality. Each participant of the seminar will select a particular domain, such as inequalities in education, the labour market or well-being and review and present the current state of the art in empirical research. We will discuss the findings jointly in the seminar sessions.

- Language: English
- Semester: WS2021/22
- Teaching Method: seminar
- ECTS: 6

Research Seminar “Analysing the National Educational Panel Study” (Part 1)*Forschungspraktikum “Analysen mit dem Nationalen Bildungspanel”*

In the research seminar, students undergo the entire process of quantitative empirical social research from the identification of a research question over the formulation of theoretically deduced hypotheses to empirical analyses. Over a period of two consecutive semesters, students will conduct their own research projects in the field of sociological research on education and the labour market. The empirical analyses will be based on Starting Cohort 6 of the German National Educational Panel Study (NEPS), a large-scale longitudinal survey of the working-age population in Germany. The first part of the seminar (Winter term 2021/22) will be devoted to identifying a relevant research question against the background of the current state of research, deriving theory-guided hypotheses and developing a suitable research design. The second part of the seminar (Summer term 2022) will be devoted to working with the data and transferring the findings of the projects into a scientific research article.

- Language: English
- Semester: WS 2021/22 and SS 2022
- Teaching Method: Seminar
- ECTS: 12

Kolloquium für Qualifikationsarbeiten im Bereich Bildung und Arbeit im Lebensverlauf

- Language: German
- Semester: WS2021/22
- Teaching Method: colloquium

3.4.11 Labour Studies

Prof. Dr. Olaf Struck
Chair of Labour Studies
Feldkirchenstraße 21
D-96052 Bamberg

Tel.: +49 / 951 / 863-2690

Fax: +49 / 951 / 863-2700

E-Mail: arbeitswiss@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/arbeitswiss/>

Bachelor Program**Introduction and Methods 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

Introduction and Principles of Ergonomics*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: Lecture and exercise
- ECTS: 5

Employment Analysis and Labour Structuring

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: lecture
- ECTS: 5

Career 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

Occupational Sociology

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

Human Resource and Industrial Sociology

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

3.4.12 Survey Methodology

Prof. Dr. Mark Trappmann

Chair of Sociology, especially Survey Methodology

Feldkirchenstraße 21, F21/00.55

D-96052 Bamberg

Tel.: +49 / 951 / 863-2435

E-Mail: mark.trappmann@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/soziologie/lehrstuehle-und-professuren/lehrstuhl-fuer-soziologie-insbesondere-survey-methodologie/>

Master Courses

Mixed Mode Surveys

Mixed-Mode-Surveys

The seminar first gives an overview of most frequent survey modes (face-to-face, telephone, mail, web). We deal with consequences of mode choice for survey data collection (e.g. mode-dependent sampling frames) as well as with consequences of mode choice on error sources like coverage error, nonresponse, measurement error, sampling variances or interviewer effects. In the second half of the seminar the focus is on mixed mode surveys. Different mixed mode designs are introduced. Finally, recent research articles on data quality in such surveys, particularly on the separation of mode-specific measurement error and mode-specific nonresponse (or self-selection into modes) are discussed. Participants learn about distinctive features in the implementation of surveys in different modes and about the consequences of mode choice for error sources in surveys. They learn what to pay attention to when mixing modes how to assess the size of error sources within mixed-mode surveys. Thus, they are enabled to assess data quality of existing mixed mode surveys and to take decisions on mode choice depending on the goals and topics of a study, the population and the budget of the study.

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

Error Sources in Survey Data

Datenerhebung und Fehlerquellen

One important goal when collecting survey data is to achieve minimum error (given budget) in relevant statistics estimated from the survey. The total survey error framework is a useful heuristic, in order to separate the total survey error into its components and thus make it accessible for research. We distinguish between errors in representation and errors in measurement: On the representation side we distinguish between coverage error, sampling error, nonresponse error and adjustment error. On the measurement side we distinguish between specification error, measurement error and editing error. Each error source can have an impact on variance as well as bias of key survey estimates. Special attention is paid to the interaction between error sources that often results from mode choice or interviewer influence. Participants of the lecture shall be enabled to assess the data quality of a given survey as well as to develop research designs in order to investigate survey quality.

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

Please note: Students matriculated in the Master in Sociology have to pass the exam Advanced Methods of Quantitative Data Collection for the Social Sciences (“Fortgeschrittene Erhebungsmethoden der quantitativen Sozialforschung”) which combines both classes and gives them 12 ECTS.

3.5 Module Description: Economics

3.5.1 Economics of Education

Prof. Dr. Silke Anger
 Chair of Economics of Education
 University of Bamberg
 Feldkirchenstr. 21
 D-96045 Bamberg
 Tel.: +49 / 951 / 863-2834
 Fax: +49 / 951 / 863-2635
 E-Mail: silke.anger@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/en/vwl/lehrstuhl-fuer-vwl-insb-bildungsoekonomik/>

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

3.5.2 Empirical Microeconomics

Prof. Dr. Guido Heineck
 Chair of Empirical Microeconomics
 University of Bamberg
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2601
 Fax: +49 / 951 / 863-2599
 E-Mail: vwl-mikro@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/en/vwl-mikro/>

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

Empirical Microeconomics*Empirische 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
- Semester: Winter semester
- Teaching Method: Lecture and exercise course
- ECTS: 6

Project Seminar: Applied Microeconometrics*Projektseminar: Angewandte Mikroökometrie*

In this course, students will conduct small-scale empirical research projects. To a limited extent, students will make themselves familiar with existing research, derive testable hypotheses, prepare data, run empirical analyses, write a term paper and present their results. Topics vary, recent examples include: returns to education, subjective well-being, risk attitudes and occupational choice.

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

Master Courses**Applied Economics of Education**

The course introduces students to the empirical methods typically applied in the context of education in order to identify causal effects rather than correlation only. Students will also be introduced to relevant literature that uses such methods for educational policy evaluation.

Topics include: Recap of OLS; Panel data techniques; Instrumental-Variable approach; Regression-Discontinuity approach; Differences-In-Differences (DID) approach;

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

Personality Psychology and Economics

The empirical seminar course focuses on an interdisciplinary research strand that combines topics and methods from economics and psychology and that aims at understanding the foundation, development and social and economic outcomes of cognitive skills and personality traits (or socio-emotional skills), the latter including issues such as motivation, persistence, and self-efficacy.

Topics include: Measurement of personality and personality traits; Economic, biological, psychological and environmental determinants of skills; Economic and social consequences of personality and personality traits; Policy interventions to enhance skill formation during early childhood

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

3.5.3 Public Economics

Prof. Dr. Florian Herold
 Chair of Public Economics
 Feldkirchenstraße 21
 D-96052 Bamberg

Tel.: +49 / 951 / 863-2548

Fax: +49 / 951 / 863-5547

E-Mail: public-economics@uni-bamberg.de

Internet: <http://www.uni-bamberg.de/vwl-fiwi/studium/lehrveranstaltungen/>

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: 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 2021/22
- Teaching Method: Seminar
- ECTS: 6

An Introduction to Public Economics and Epidemics

Lecturer: Prof. Dr. Florian Herold

This course offers an introduction to key concepts of public economics, networks, and epidemics and investigates their connections.

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

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: Winter semester
- 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: not in Winter semester 2021/22
- Teaching Method: Lecture/exercise
- ECTS: 6

3.5.4 International Economics

Prof. Mishael Milaković, PhD
 Chair of International Economics
 University of Bamberg
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2583
 Fax: +49 / 951 / 863-2581
 E-Mail: vwf-iwf@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/vwf-iwf>

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
- 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: Lecture and tutorial
- ECTS: 6

Introduction to International Finance

The lecture covers theories that approach foreign exchange markets and exchange rate determination from a finance perspective. Relevant topics include the importance of investors' expectations and speculative behavior in the foreign exchange market and its explanatory power for the observation of excess volatility of foreign exchange rates compared to macroeconomic fundamentals. We also discuss the effects of political interventions to curb speculative activity and the determinants of major historical currency crises.

- Language: English
- Semester: Summer semester

- Teaching Method: Lecture
- 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: Project seminar
- 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

3.5.5 Applied Economic Research

Prof. Dr. Christian R. Proaño
 Professorship of Economics, esp. Applied Economic Research
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-1576
 E-Mail: vwl-awifo@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/vwl-awifo/>

Bachelor Program

Current Issues of Economic Policy in Europe

Proseminar: Aktuelle Fragen der Wirtschaftspolitik in Europa [BAEES2.1]

Selected issues concerning current economic policy in Europe will be handled. Examples are: Incentives and strategic behavior, education and inequality in Europe, markets and instability, rational and irrational behavior, monetary union and international financial crisis, economic policy in the European Union.

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

Current Topics in Growth, Development and Sustainability

Projektseminar: Current Topics in Growth, Development and Sustainability [BAEES2.2]

The course is intended to give students an introduction into theories and stylized facts of long-term economic growth and sustainability. Models of various schools of economic thought will be discussed and compared to each other. The relation of growth, environmental issues and inequality will be explored. After successful completion of the course, students should be able to understand the related academic literature as well as current policy debates. Knowledge of basic concepts of macroeconomics and microeconomics is required. Students should have completed the respective introductory courses.

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

Introduction to Python Programming for Social Sciences

Lecture: Introduction to Python Programming for Social Sciences [BAEES5.1]

The main goal of this course is introduce students to the programming language Python. For this course, previous knowledge of other programming languages is not required, but students should be familiar with basic algebra and statistical concepts. This course is a step-by-step guide which covers a large number of concepts, tools and techniques that will strongly support students for their own research in economics and other social sciences.

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

Growth, Development and Sustainability

Lecture: Growth, Development and Sustainability [BAEES5.1]

Why do some countries or regions reach very high levels of per capita income while others stay miserably poor? Why did per capita income in currently rich countries remain low for thousands of years before starting an impressive growth spurt around the Industrial Revolution? Not least due to intensive research in the last

decades, we continue to learn more about these issues as well as about which policy choices are beneficial for a dynamic process of economic development, and which policies may lead to a sustainable development path.

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

Monetary Policy in the Euro Area

Lecture: Monetary Policy in the Euro Area [BAEES2.1]

The course handles the theoretical foundations and practical issues of the design and conduct of monetary policy in currency unions like the euro area. After a detailed discussion of main concepts in monetary economics such as the different monetary aggregates and the money creation process in barter and in monetary economics, issues like the monetary policy strategy of the ECB and its practical implementation in normal times and in crisis periods are discussed, as well as the design of optimal monetary policy and the time-inconsistency problem of monetary policy.

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

Master Program

Advanced Macroeconomics

Fortgeschrittene Makroökonomie [MAEES01.2]

Macroeconomic analysis is primarily concerned with two issues: (i) developing positive models in order to understand the dynamics of key macroeconomic variables such as output, employment, unemployment, inflation, interest rates, etc.; and (ii) deriving normative prescriptions for macroeconomic policymaking, in particular regarding the proper setting of fiscal and monetary policies. The course begins with a discussion of empirical facts regarding business cycles and growth to be explained by macroeconomic models and then provides a historical overview of the evolution of macroeconomic theory since the Neoclassical Synthesis of the 1960s through the Rational Expectations Revolution and the New Classical Macroeconomics of the 1970s to the development of the Real Business Cycle School of the 1980s and the emergence of the New Neoclassical Synthesis of the 1990s. Topics like the conduct of monetary policy at the zero-lower bound as well as the sustainability of fiscal debt are also handled in detail. Finally, the caveats of theoretical frameworks based on intertemporal optimization under rational expectations, and alternative modeling approaches are discussed.

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

Applied Economic Research 1: Empirical Monetary Macroeconomics

Angewandte Wirtschaftsforschung 1: Empirische monetäre Makroökonomik [MAEES08.4]

This course focuses on key topics on monetary macroeconomics from an empirical perspective. After a brief review of univariate time series analysis, alternative time series decomposition methods such as the Hodrick-Prescott Filter are discussed. Then, the modeling of the interaction between monetary policy actions and key financial and monetary aggregates through so-called vector-autoregression (VAR) and vector-error-correction (VECM) models will be discussed in detail. Issues like real-time data and forecasting will also be dealt with in the final part of the lecture.

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

Applied Economic Research 2: Computational Behavioral Macroeconomics

Angewandte Wirtschaftsforschung 2: Computational Behavioral Macroeconomics [MAEES08.2]

This course focuses on advanced topics in macroeconomics linked in particular to the role of bounded rationality, expectations formation and different types of agents; heterogeneity in macroeconomic activity, and the consequences of such for the design of economic policies. Students will become familiar with programming languages commonly used for the analysis of these topics such as Python and MATLAB/Octave. After having acquired the required tools and skills, students will be then required to write and modify codes to solve and simulate macroeconomic models.

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

Applied Economic Research 3: Financial Macroeconomics

Angewandte Wirtschaftsforschung 3: Financial Macroeconomics [MAEES08.3]

This course focuses on key topics in financial macroeconomics such as asymmetric information, credit rationing, the role of collateral requirements for aggregate credit dynamics, and the financial accelerator mechanism at an advanced level. After an extensive discussion of the problems resulting from asymmetric information in the financial markets, the inclusion of these problems and their solutions in small- and medium-scale macroeconomic models is treated. The conduct of conventional and unconventional monetary policy in economies with modern financial systems are then investigated. Time permitting, issues like cross-border banking, banking crises and sovereign default will be handled as well.

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

Applied Economic Research 4: Advanced Topics in Empirical Macroeconomics

Applied Economic Research 4: Advanced Topics in Empirical Macroeconomics [MAEES08.1]

In this Masters level seminar students work on applied or methodological projects related to macroeconomic analysis or macroeconomic modeling. Thereby, they can extend and broaden their background acquired during the lectures "Empirical Monetary Macroeconomics", "Financial Macroeconomics" and/or "Computational Behavioral Macroeconomics".

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

3.5.6 Economic Theory

Prof. Dr. Marco Sahm
 Chair of Economic Theory
 Feldkirchenstraße 21, Room F21/02.53
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2728
 Fax: +49 / 951 / 863-5637
 E-Mail: marco.sahm@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/vwl-wt>

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: Lecture
- 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

3.5.7 Economic Policy

Prof. Dr. Frank Westerhoff
 Chair of Economic Policy
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 / 951 / 863-2634
 Fax: +49 / 951 / 863-5635
 E-Mail: frank.westerhoff@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/vwl-wipo/>

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: German
- 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 German:
- 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: German
- Semester: Summer semester (maybe)
- Teaching Method: Lecture
- ECTS: 6

3.6 Module Description: Statistics and Business Mathematics

3.6.1 Business Mathematics

Prof. Dr. Anne Leucht
 Professur für Mathematik in den Wirtschaftswissenschaften
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel.: +49 /0951 / 863-2740
 E-Mail: anne.leucht@uni-bamberg.de

Basic Studies (1st and 2nd year)

Mathematics for Business and Economics I

Mathematik in den Wirtschaftswissenschaften I

Basic methods of differential calculus and constraint optimization 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: 4

Mathematics for Business and Economics II

Mathematik in den Wirtschaftswissenschaften II

Basic methods of integral calculus and 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: 4

Advanced Studies (4th and 5th year)

Dynamics, Stability and Optimization

Dynamik, Stabilität und Optimierung

Difference Equations and Differential Equations, Simultaneous Difference Equations and Differential Equations, Calculus of Variations and Control Theory

- Language: German
- Semester / hours per week: Winter semester / 3
- Teaching method: Lecture, exercises
- ECTS: 6

Time Series Analysis

Analyse von Zeitreihendaten

Models for time series data: Main topics include smoothing techniques, seasonal adjustment, stochastic processes, ARIMA models, 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, exercises
- ECTS: 6

3.6.2 Statistics and Econometrics

Prof. Dr. Timo Schmid
 Chair of Statistics and Econometrics
 Feldkirchenstraße 21
 D-96052 Bamberg
 Tel: +49 / 951 / 863-2530
 Fax: +49 / 951 / 863-2532
 E-Mail: timo.schmid@uni-bamberg.de
 Internet: <http://www.uni-bamberg.de/stat-oek/>

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:

1. Continuous probability distributions
2. Normal distribution
3. Sample statistics
4. Estimation of parameters

5. Confidence intervals
6. Hypothesis tests
7. Regression analysis
 - Language: German
 - Semester: Summer and winter semester
 - Teaching Method: Lecture/Exercise
 - ECTS: 6

Computer-Based Applied Statistics

Angewandte Statistik am PC

R is a free statistical software package which is continuously developed by a worldwide user community. R knowledge is nearly indispensable for socio-scientific research and more and more demanded on the job market.

The tutorial “Computer-Based Applied Statistics” (“Angewandte Statistik am PC”) complements the introductory lecture of statistical methods. Basic skills to import, to manipulate and to analyse data with R are acquired. In particular, the learning contents of “Statistics I & II” (“Methoden der Statistik I & II”) are implemented. In a first step, the use of basic R-objects and –functions is practiced. On this basis, the graphical visualization of data, the estimation of measures of location and dispersion as well as current hypothesis testing methods, particularly t- and F-tests are focused.

Content overview: Application of statistical methods, data analysis using modern software, evaluation and critical interpretation of results

Prerequisites: Statistical Methods I

- Language: German
- Semester: Summer and winter semester
- Teaching Method: Tutorial
- ECTS: 4

Master Program

Basic Econometrics

Grundlagen der Ökonometrie

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

Advanced Econometrics

Fortgeschrittene Ökonometrie

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: German
- 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: German/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: Winter semester
- Teaching Method: Tutorial
- ECTS: 4

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

Seminar on Survey-Methodology*Blockseminar Survey-Methodik*

This course offers an introduction to survey-methods and their implementation like the treatment of item nonresponse in surveys, multilevel models, counterfactual design etc.

Prerequisites: Statistics I + II

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

Official Statistics

Ämtliche 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

Analyse von Zeitreihendaten

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

Panel Data Analysis

Analyse von Paneldaten

Estimation techniques for statistical and dynamic models for panel data: This course deals with fixed effects models, random effects models, instrument variable estimation, dynamic linear models and models with limited dependent variables

Prerequisites: Statistics I + II

Study recommendation: Prior participation in “Basic Econometrics”

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

Multivariate Statistical Methods*Multivariate Verfahren*

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 Techniques*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: irregular
- 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

Statistics III*Methoden der Statistik III*

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 focussing 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