

UNIVERSITÄT  
BAYREUTH

INTERNATIONAL OFFICE

# General Overview of English–Taught Courses at the University of Bayreuth

Available during the Winter Semester 2024/25

*An overview for the summer semester 2025 is expected to be available as of 01.04.2025*



# Law, Business and Economics

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
30636	Economic Principles of Electricity Markets	2	Le	5; 6	This lecture provides an introduction to the economics of electricity markets. First, we discuss wholesale markets and how the interplay of supply and demand determines time- and location-dependent electricity prices. We then examine the German market and other selected international markets to understand how market design decisions affect pricing and the integration of renewable energy. The lecture will also explain how electricity markets can be modeled using common programming languages and how optimization models can be used to study policy-relevant issues such as the phase-out of nuclear energy or the introduction of a carbon price. The lecture will also address other complementary topics relevant to the decarbonization of electricity, such as different carbon pricing instruments, policy measures to promote renewable energy and demand-side measures. The exercise for this lecture takes place on Tuesdays from 1 - 3 pm in S61 in RW I. Both lecture and tutorial start at 1 pm (s.t.).
30367	Economic Principles of Electricity Markets	2	Tu	5	
00080	Seminar History of Financial Crises (Economic History of France in Globalization)	2	Se	2; 5; 6; 10	
00181	Impact Entrepreneurship – Developing Social and Ecological Innovations	4	Se	5; 6; 10; 15	<p>You will learn advanced knowledge in the field of impact entrepreneurship (i.e., solving social and/or ecological problems through innovative methods). Furthermore, you will learn how to develop your own sustainable solutions for social and/or ecological challenges. In addition to obtaining a foundation of scientifically based content on impact entrepreneurship, you will learn the necessary tools and their application in practice-oriented workshops and will also be personally advised in a team by the interdisciplinary lecturers.</p> <p><b>Schedule:</b></p> <ol style="list-style-type: none"> <li>1-Kick-off event (topic/problem presentation)</li> <li>2-Interactive workshops (development of ideas/solutions, business models)</li> <li>3-Independent further development of the project</li> <li>4-Personal coaching (individual team advice)</li> <li>5-Final presentations</li> <li>6-Submission of the concept</li> </ol> <p><b>Learning Objectives:</b> The aim is to connect interdisciplinary master's students from all faculties and to enable them to jointly develop solutions for social and/or ecological problems using innovative methods. Examples of these are acute and global challenges such as biodiversity loss, climate change, environmentally friendly production/additive manufacturing, nutrition and smart cities. By taking the course, sustainable, impact-oriented action can be experienced and solutions to global problems are developed. Through this course, you will not only learn a range of methods to address global challenges, but also develop a deeper understanding of these challenges, which is especially enhanced through interdisciplinary collaboration.</p> <p><b>Teaching methods:</b> Lectures, interactive workshops and personal coaching (4 SWS).  Presence/Workshop time (40 hrs).  Preparation and revision, literature study and exam preparation (140 hrs).  Total: 180 hrs.</p> <p><b>Recommended prior knowledge:</b> None, Master's students</p> <p><b>Participation criteria &amp; registration:</b> This course is aimed at master's students.  Registration by e-mail to: <a href="mailto:impact-eship@uni-bayreuth.de">impact-eship@uni-bayreuth.de</a>  For the organizational planning of the course, a short application with three sentences regarding your motivation should be attached.  Online participation possible.  e-learning password: <a href="#">impact-eship</a></p> <p><b>Examination mode:</b> The module examination consists of a presentation and the submission of a written solution concept.</p> <p><b>Miscellaneous:</b>  We try to ensure that the course can be credited to as many degree programs as possible. If the course is not displayed as creditable for your degree program, please contact us at: <a href="mailto:impact-eship@uni-bayreuth.de">impact-eship@uni-bayreuth.de</a>  For the following courses, the course can be found at:</p> <ul style="list-style-type: none"> <li>Digitization &amp; Entrepreneurship Master <ul style="list-style-type: none"> <li>- Profile module area Entrepreneurship</li> <li>- minor specialization</li> </ul> </li> <li>Business Master <ul style="list-style-type: none"> <li>- Advanced module area</li> <li>- Major specialization in Entrepreneurship &amp; Innovation</li> </ul> </li> <li>Global Change Ecology <ul style="list-style-type: none"> <li>- Free Choice Module</li> </ul> </li> </ul>

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
00313	Introduction to Public International Law	2	Cs	3; 5	<p>This course is an introduction to the general problems, sources and techniques of public international law. Public international law is the regime of legal rules which primarily seeks to regulate relations between sovereign states. For example, public international law defines the minimum standard of treatment which a sovereign state must accord the nationals of another state on its territory and the responsibility of one state to another for failure to observe the required standard of treatment. Individuals, to an increasing extent, also are a direct concern of public international law. Examples of this development include the international criminal responsibility of individuals for war crimes and other offenses, such as torture, and the network of treaties, such as the International Covenant on Civil and Political Rights 1966, which aspires to define and protect human rights.</p> <p><b>Educational objective:</b> The course objective is to give you an opportunity to gain an appreciation of the role of legal rules in regulating the conduct of states and individuals in international society and the relationship between domestic law and public international law. This objective will be attained through a study of the decided cases, legislation, treaty provisions and academic literature referred to in the course syllabus.</p> <p><b>Practical application of the law:</b> Additional benefits obtained through studying this course are the transferable skills both academically and through a practical application of the law. The course will give you the opportunity to address the development of the legal rules dealing with public international law and will provide you with the skills needed for both an academic and employment environment whilst considering the materials and engaging with the activities. For example, you will undertake some class-based activities, which are linked to specific materials and/or topics. This in turn supports the growth of personal skills such as communication skills, research skills, information technology skills, problem-solving skills.</p> <p><b>Requirements:</b> This course does not have prerequisites</p> <p>Day/Time: TBA</p> <p>Campus Online: Yes, the link will be published in due time.</p> <p>Workload: In addition to the preparation and follow-up of the course which is due to the interactive character of the course necessary is the class itself 2 hours per week. Additionally, it is possible to take an oral or a written examination.</p> <p>ECTS: 3 (participation only)/ 5 (participation and oral or written exam)</p> <p><b>Participation criteria &amp; registration:</b> Online (Zoom)</p>
00321	Methods of the English Common Law	2	Cs	3; 5; 13	<p>The common law is the body of customary law, based upon judicial decisions and embodied in reports of decided cases, that has been administered by the common law courts of England since the Middle Ages. From it has evolved the type of legal system now found also in the United Kingdom, the United States and in most of the member states of the Commonwealth. The course examines key approaches in common law jurisdictions through the analysis of decided cases. Each topic is framed around a key principle and relevant case authorities. Students investigate the normative development of the precedent in relation to the topic. Class activities include the opportunity to work through mock cases as an exercise in judicial reasoning.</p> <p><b>Educational objective:</b> The course provides an overview of the key methods and processes of the English common law. It serves to introduce students to common law techniques including legal reasoning, interpretation and application of precedent.</p> <p><b>Practical application of the law:</b> Additional benefits obtained through studying this course are the transferable skills both academically and through a practical application of the law. The course will give you the opportunity to address the development of the legal rules dealing in English common law and will provide you with the skills needed for both an academic and employment environment whilst considering the materials and engaging with the activities. For example, you will undertake some short activities which are linked to specific materials and this in turn supports the growth of personal skills such as communication skills, research skills, information technology skills, problem solving skills.</p> <p><b>Requirements:</b> This course does not have prerequisites</p> <p>Day/Time: TBA</p> <p>Campus Online: Yes, the link will be published in due time.</p> <p>Workload: In addition to the preparation and follow-up of the course which is due to the interactive character of the course necessary is the class itself 2 hours per week. Additionally, it is possible to take an oral or a written examination.</p> <p>ECTS: 3 (participation only)/ 5 (participation and oral or written exam)</p> <p><b>Participation criteria &amp; registration:</b> Online (Zoom)</p> <p><b>Exam registration:</b> The exam will take place over zoom. We will use the following link: <a href="https://uni-bayreuth.zoom.us/j/91381153596?pwd=Wxo5TnAzdmgxTHcyWTBwN2tmWm5XZz09">https://uni-bayreuth.zoom.us/j/91381153596?pwd=Wxo5TnAzdmgxTHcyWTBwN2tmWm5XZz09</a></p> <p>Please feel free to ask further questions if they arise.</p>
34101	Seminar on Economic Progress (Geospatial Data in Economics – Causal Inference and Implementation - Master)	2	Se	2; 5; 6	<p>Geospatial data is increasingly accessible, manifesting in forms such as satellite imagery, digitized historical maps, gridded climate data, and georeferenced surveys. Utilizing this geographical variation opens up new opportunities for deriving causal inferences in economics. Today, many research articles incorporate some type of geospatial data, whether through geographic control variables, geographic instruments, or as dependent or explanatory variables. Consequently, proficiency in leveraging geospatial data is becoming an essential skill.</p> <p>The seminar has three primary objectives. First, we will examine the use of geospatial data in economic research and understand how causal inference can be derived from quasi-experimental empirical methods, including spatial difference-in-differences, spatial regression discontinuity design, and instrumental variables. We will also explore various types of geospatial data and their sources. Second, participants will develop practical skills for working with geospatial data using Geographical Information Systems (QGIS) by replicating sections of the discussed research articles. Third, students are expected to create an academic poster based on a research article of their choice that incorporates some form of geospatial data and replication, utilizing the skills acquired during the practical sessions.</p>
34229	Collective Choice Theory	2	Le	6	



Number	Course Title	Duration	Type	ECTS / Credits	Module Description
00322	Constitutional Law and Constitutionalism in Africa	2	Cs	5; 13	<p>This comparative law course introduces students to the constitutional law of selected African countries. The module combines thematic discussions of a variety of constitutional systems; ways of making and unmaking constitutions and the politics behind key constitutional moments. Themes running throughout the course will include: the interplay between constitutional law and politics and between constitutional and international law, tensions between constitutionalism and democracy, constitutions as documents enshrining fundamental values versus entrenching political compromise, and constitutions as the basis for the empowerment versus the suppression of citizens.</p> <p>Educational objective: The course provides an overview of the key constitutional moments and the role of citizens and legal institutions in the making of constitutional law. It serves to introduce students to the exciting development of constitutional law and adjudication in selected African jurisdictions.</p> <p>Practical application of the law: Additional benefits obtained through studying this course are the transferable skills both academically and through a practical application of the law. The course will give you the opportunity to address the development of the legal rules dealing in English common law and will provide you with the skills needed for both an academic and employment environment whilst considering the materials and engaging with the activities. For example, you will undertake some short activities which are linked to specific materials and this in turn supports the growth of personal skills such as communication skills, research skills, information technology skills, problem solving skills.</p> <p><b>Requirements:</b> This course does not have prerequisites</p> <p>Day/Time: TBA</p> <p>Campus Online: Yes, the link will be published in due time.</p> <p>Workload: The class is structured as a reading seminar in which all participants prepare certain articles or court decisions to be discussed each week. In addition to preparing the articles, each student should give a lecture during the semester on a topic of his/her choice. It is possible to take an oral or a written examination.</p> <p>The class itself is 2 hours per week.</p> <p>ECTS: Depending on the program:</p> <p>Law as a side subject: 2</p> <p><b>Others:</b> 3 (participation only)/ 5 (participation and oral or written exam)</p> <p><b>Participation criteria &amp; registration:</b> Online (Zoom)</p>
00346	Introduction to African Legal Systems	2	Cs	3; 5; 15	<p>This course introduces students to the legal systems of African countries. The relationship between indigenous legal systems, legal systems received during colonialism; and international law are examined through the study of key topics such as dispute settlement, access to justice, human rights, good governance and regional integration. A theme running throughout the course will be Africa's contribution and place in the global legal order.</p> <p>Educational objective: The course provides an overview of the key characteristics of African legal systems and of the current issues facing legal institutions within African jurisdictions. It serves to introduce students to some key topics that arise in legally pluralistic jurisdictions.</p> <p>Practical application of the law</p> <p>Additional benefits obtained through studying this course are the transferable skills both academically and through a practical application of the law. The course will give you the opportunity to address the development of the legal rules dealing in African jurisdictions and will provide you with the skills needed for both an academic and employment environment whilst considering the materials and engaging with the activities. For example, you will undertake some short activities, which are linked to specific materials, and this in turn supports the growth of personal skills such as communication skills, research skills, information technology skills, problem solving skills.</p> <p><b>Requirements:</b> This course does not have prerequisites</p> <p>Day/Time: TBA</p> <p>Campus Online: Yes, the link will be published in due time.</p> <p>Workload: The class is structured as a reading seminar in which all participants prepare certain articles to be discussed each week. In addition to preparing the articles, each student should give a lecture during the semester on a topic of his/her choice. It is possible to take an oral or a written examination.</p> <p>The class itself is 2 hours per week.</p> <p>ECTS: Depending on the program:</p> <p>Law as a side subject: 2</p> <p><b>Others:</b> 3 (participation only)/ 5 (participation and oral or written exam)</p>
00589	International Trade Law – UNCITRAL Treaties and Model Laws	2	Cs	6	<p>This course will introduce students to the role of UNCITRAL in international commercial law. It will focus on four texts relating to UNCITRAL's work program which are of particular relevance to the work of UNCITRAL and international commercial law. These are: (i) The United Nations Convention on Contracts for the International Sale of Goods (Vienna, 1980); (ii) The Convention on the Recognition and Enforcement of Foreign Arbitral Awards (New York, 1958); (iii) The UNCITRAL Model Law on International Commercial Arbitration (1985, amended in 2006); and (iv) The UNCITRAL Arbitration Rules.</p> <p>The course includes practical case studies and also involves a moot arbitration case.</p> <p>Target audience: The course is specifically designed for students interested in the Vis Moot Court competition or international private law, and students enrolled in the programs <i>Schwerpunktbereich I</i> and <i>International Legal Studies</i>.</p> <p><b>Dates, venue, language:</b> The course will take place on 17 October 2023 (11:00 - 19:00) and 18 October 2023 (8:00 - 16:30) in the seminar room of <i>Alexander von Humboldt-Haus, Gästehaus der Universität Bayreuth, Eichendorffring 5, 95447 Bayreuth</i>.</p> <p><b>Course material:</b> Course material will be made available for download on this page in due course. Please make sure to bring a print-out.</p> <p><b>Miscellaneous:</b> The course will take place in the seminar room of the Alexander von Humboldt-Haus Guest House of the University of Bayreuth in Eichendorffring 5, 95447 Bayreuth.</p>
00376	Inequality and Social Mobility	2	Le	5; 6	

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00440	Exercise on Inequality and Social Mobility	1	Tu	6	
00443	Social Entrepreneurship Cases: Analyzing Social Businesses	4	Se	2; 6	<p>In this seminar, we will analyze business models of social businesses (i.e. emerging and existing companies with social and/or ecological objectives), in order to discuss challenges and success factors. After completing the module, you will be able to critically evaluate and develop business models with social and ecological effects. During the seminar, you will acquire an understanding of the elements of a business model with socio-ecological goals. You will have the skill to identify the elements of a business model for an existing social business. In addition, you will be able to critically evaluate what constitutes a successful business model with economic and socio-ecological goals. Finally, you will acquire the competence to independently develop existing business models.</p> <p><b>Learning Objectives:</b> The aim of the seminar is that you acquire knowledge about the special features of a business model of a social business in contrast to a traditional company. In addition, you will develop the ability to critically analyze existing business models for their social impact. This knowledge and competence serve as the basis for later developing your own business model or for further developing existing business models in a socially and ecologically valuable manner.</p> <p><b>Teaching methods:</b> The character of the seminar is based on intensive interaction between participants through critical discussions. The content of the seminar will be the analysis of socially and ecologically oriented business models, the target group analysis of social businesses, the theory of change, impact measurement and the scaling of social startups / social enterprises.</p> <p>The seminar follows three sections: (1) Interactive introduction to the analysis of socio-ecological business models, (2) Analysis of existing social business cases by the students, (3) Development of their own social business case.</p> <p><b>Recommended prior knowledge:</b> Previous knowledge is not necessary for this seminar. An affinity for interactive and reflective work as well as a basic interest in social business are required.</p> <p><b>Examination mode:</b> The grading consists of two presentations (given case and your own case), oral participation, and a final seminar paper on your own case. All course work takes place in teams.</p>
00497	Principles of Entrepreneurship (Master)	2	Le	5; 6	<p>In the lecture, students learn the basic principles of entrepreneurship, get acquainted with entrepreneurial processes, learn how to conduct feasibility analyses, how to design economically sustainable business models and how corporate entrepreneurship helps established organizations to stay innovative. In the exercises part, students have to apply their knowledge and solve small case studies.</p> <p><b>Learning Objectives:</b> Students learn about entrepreneurial processes and entrepreneurial decision-making as well as how to create innovative ideas and how to move from such ideas to an entrepreneurial firm. Furthermore, students become acquainted with the basic principles of analyzing business opportunities, designing feasible business models and what it takes to develop innovative startup companies. Students further develop competencies in performing industry and competitor analyses, designing customer oriented value propositions and get to know the basics of corporate entrepreneurship.</p> <p><b>Teaching methods:</b> Lectures (2 hpw) and exercises (2 hpw) in English language. In addition to the lecture, which can also be based on e-teaching units, case studies are part of the exercise. These are usually processed and presented in teams.</p> <p>Active in-class participation (60 hrs.) Preparation, wrap-up, study of literature, case study processing, preparation of presentations (120 hrs.) Total: 180 hrs.</p> <p><b>Recommended prior knowledge:</b> Knowledge of the Bachelor courses Business Model Creation and Foundations of Entrepreneurship is helpful.</p> <p><b>Participation criteria &amp; registration:</b> Previous registration is necessary. Please note the separate notices and announcements.</p> <p>The Principles of Entrepreneurship consists of a lecture and an exercise, both of which must be attended. To participate, you only need to register for the lecture. Attendance at the kick-off meeting is mandatory. You can find all classroom dates, including the exercises, in this entry. If you are on the waiting list, just come to the kick-off meeting and we will see if there is still room.</p> <p><b>Examination mode:</b> Evaluation of the exercises (presentations and elaborations of case studies). The final grade will be composed of the partial performances of the four exercises.</p> <p><b>Miscellaneous:</b> You will receive the access code to the corresponding e-learning course at the kick-off meeting.</p>
00499	Principles of Entrepreneurship (Master) Exercise	2	Exe	6	
		2		6	
00661	Business management research project (sports marketing)	3	Cs	6	
00667	Empirical International Trade (Advanced Empirical Economics II: Empirical International Trade)	3	Se	5; 6	<p>Seminar on Empirical International Trade. For more information, please refer to the Syllabus: <a href="http://www.ewf.uni-bayreuth.de/pool/dokumente/EIT_WS_2425_syllabus_publish.pdf">www.ewf.uni-bayreuth.de/pool/dokumente/EIT_WS_2425_syllabus_publish.pdf</a></p> <p><b>Participation criteria &amp; registration:</b> Please carefully read the Syllabus. Further details can be found in e-learning: for Master students only</p>
30026	Case study seminar in English: Interactive Case Study Seminar: Introduction to Decision and Game Theory	2	Se	5; 10	

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
30012	Introduction to Economics: Microeconomics	1	Le	3,5; 6	
30014	Tutorial for Introduction to Economics: Microeconomics	1	Tu	5	
30024	Applied Artificial Intelligence	4	Le & Tu	5; 12	<p>12 credits with weekly: flipped classroom lecture; discussion round ; shared hands-on programming exercise; homework submission</p> <p>Summary: AI and the application of machine learning is becoming more and more popular to solve relevant business challenges. However, it is not only essential to be familiar with precise algorithms but rather a general understanding of the necessary steps with a holistic view-from real-world challenges to the successful, scalable deployment of an AI-based solution. As part of this course, we teach the complete lifecycle of an AI project focusing on supervised machine learning challenges. Apart from the technical aspects necessary when developing AI within complex systems, we also shed light on the collaboration of humans and AI in such systems (e.g., with the support of explainable AI), topics of ethics and bias in AI, as well as AI's capabilities on being generative and creative.</p> <p><b>Course Schedule:</b></p> <ul style="list-style-type: none"> <li>Week 42: Motivation, Terminology, Overview</li> <li>Week 43: AI Lifecycle: Initiation</li> <li>Week 44: AI Lifecycle: Modeling &amp; Evaluation</li> <li>Week 45: AI Lifecycle: Deployment</li> <li>Week 46: AI Lifecycle: Concept drift</li> <li>Week 47: AI in Systems: Large Language Models</li> <li>Week 48: AI in Systems: System-wide learning</li> <li>Week 49: AI in Systems: Human-AI Collaboration</li> <li>Week 50: Creative AI</li> <li>Week 51: Ethics of AI</li> </ul> <p>Don't miss this chance to be at the forefront of AI! Enroll today and shape the future of Applied AI.</p> <p><b>Study Goal:</b> Students of this course will be able to understand and implement the complete lifecycle of a typical Artificial Intelligence (AI) use case with supervised machine learning in Python. Furthermore, they understand the importance and the means of applying AI in general and machine learning within real-world settings in industry and practice. Besides technical aspects, they will gain an understanding of the broader challenges and aspects when dealing with AI.</p> <p><b>Teaching methods:</b> Flipped Classroom</p> <p>You have until Tuesday noon to asynchronously watch the recording - at your convenience. Each Tuesday we will spend the first few minutes discussing the contents of the lecture in-person. This includes your questions and remarks.</p> <p>Then, we will practice the content of the lecture in the immediately following exercise slot</p> <p>Exercise and Exam Admission: Complete several Python exercises (jupyter notebooks). Your admission remains valid for future exams.</p> <p>Contact Us: Have questions? Reach out to us at <a href="mailto:aai@uni-bayreuth.de">aai@uni-bayreuth.de</a></p> <p>Can't wait? Watch Prof. Dr. Kühl's webinar at UBT on "Artificial Intelligence: Basics &amp; Trends.": <a href="https://www.youtube.com/watch?v=y6hzbw6ref4">www.youtube.com/watch?v=y6hzbw6ref4</a></p>
30125	Tools in Social Research	2	Se	5	<p>The students acquire detailed and differentiated knowledge about the research process in the social sciences with a specific focus on qualitative and quantitative research methods. Based on this knowledge, students are able to choose the appropriate method of data collection for a range of research questions. Furthermore, they are able to develop designs for qualitative and quantitative studies. Finally, students acquire a basic understanding of qualitative and descriptive quantitative data analysis.</p> <p>Free choice of different elective subjects:</p> <ul style="list-style-type: none"> <li>- Qualitative research methods (interviews, focus groups, participant observation, document analysis)</li> <li>- Quantitative research methods (questionnaires, experimental approaches)</li> <li>- Descriptively analyzing and reporting quantitative and qualitative data</li> </ul> <p><b>Participation criteria &amp; registration:</b> Please note the registration period from 29.09. (9 a.m.) to 21.10.2024.</p>
30228	Introduction to data protection law	2	Le	3; 5	<p>This course introduces the basic legal data protection concepts and explains how the General Data Protection Regulation applies. It will help to understand the legal framework of the data protection law. The course consists of five parts: Introduction and basic structures; General right of personality and fundamental data protection; Personal data and Processing; Justification of Processing; Protection under public and private law.</p> <p><b>Participation criteria &amp; registration:</b> The block course is suitable for law students, especially for Erasmus students and LL.M. students (Magister Legum). The participation is also permitted for non-lawyers (Wing-Master).</p>
30249	Climate Change	2	Se	5	<ul style="list-style-type: none"> <li>- Central concepts and basic principles in climate science;</li> <li>- Main anthropogenic environmental changes;</li> <li>- Causes of global changes and human impact on climate change;</li> <li>- effects of global changes on flora and fauna, migration and food production</li> </ul> <p><b>Learning Objectives:</b> In the seminar, multifaceted consequences of global environmental changes will be reflected.</p> <p>Based on this, students are able to define transformation needs in different sectors and on all levels, whose implementation is necessary for a healthy life under consideration of the planetary boundaries.</p> <p><b>Teaching methods:</b> Format of the seminar is a journal club.</p> <p><b>Participation criteria &amp; registration:</b> open for students of the following study programs: M.Sc. Environment, Climate Change and Health, M.Sc. Global Food, Nutrition and Health</p> <p><b>Examination mode:</b> Requirement for the Award of ECTS Points is a presentation. In addition, 2 ECTS points can be awarded if a report is submitted (only for M.Sc. Global Food, Nutrition and Health)</p> <p><b>Miscellaneous:</b> The course is part of the module climate change, consisting of a lecture and a seminar.</p>

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
30261	Medicine and Climate Change I	2	Le	5	<p>The lecture starts on 21.10.2024 (2nd week of lectures).</p> <p>- Determinants of health; - Organ systems: anatomy and physiology; - Climate change-associated diseases part I</p> <p><b>Learning Objectives:</b> The students acquire fundamental knowledge about organ systems, their anatomical localizations, their physiological functions and climate change associated diseases and health-related consequences. In this context, students will develop a deeper understanding of the multiple interrelationships between climate changes and human health.</p> <p><b>Teaching methods:</b> lecture (2 hours per week)</p> <p><b>Examination mode:</b> written examination (100%)</p> <p><b>Miscellaneous:</b> The lecture is part of the module Medicine and Climate Change I. The module consists of a lecture and a seminar.</p>
30262	Medicine and Climate Change I	2	Se	5	<p>- Determinants of health; - Organ systems: anatomy and physiology; - Climate change-associated diseases part I</p> <p><b>Learning Objectives:</b> The students acquire fundamental knowledge about organ systems, their anatomical localizations, their physiological functions and climate change associated diseases and health-related consequences. In this context, students will develop a deeper understanding of the multiple interrelationships between climate changes and human health.</p> <p><b>Exam registration:</b> Please note the registration period from 29.09. (9 a.m.) to 21.10.2024.</p> <p><b>Miscellaneous:</b> Accompanying seminar to the lecture Medicine and Climate Change I.</p>
30265	Lessons Learned	1	Se	5	<p>Main topic of the seminar Lessons Learned are presentations concerning individual (scientific) experiences and background, logistical and organizational details and repetition of scientific core skills needed for master program</p> <p><b>Learning Objectives:</b> In Lessons Learned individual scientific background will be analyzed in form of presentations given by the students. This will also help to improve presentation skills. Students also including senior students are able to share and exchange their individual experience and knowledges and to discuss current study and research issues.</p> <p><b>Participation criteria &amp; registration:</b> open for students of the following study programs: M.Sc. Environment, Climate Change and Health</p> <p>Please note the registration period from 29.09. (9 a.m.) to 21.10.2024.</p> <p><b>Miscellaneous:</b> Lessons Learned Seminar is part of the Integrative Module - Lessons Learned + Lecture Series. Requirements for the Award of ECTS Points is an examination in the Lectrue Series (2nd semester).</p>
30294	Sport Management in USA and Europe	2	Le	5	<p>The course takes place in close cooperation with the Department of Sports Administration at Ohio University (USA, <a href="https://business.ohio.edu/sport-management">https://business.ohio.edu/sport-management</a>). After a separate lecture phase (October-December) at the University of Bayreuth, the participants of the course will work together with students of the course "International Sport Management" at Ohio University in regular online sessions ("joint online sessions", January-February) on specific project tasks. The solutions proposed by the individual groups will be presented at the end of the event in the form of specially produced videos.</p> <p>This lecture is held in English and is aimed at students of <i>Sport, Business &amp; Law</i>. The Bachelor course can be included in module B6 (SMV).</p>
30348	Seminar (Environmental Law and Climate Justice)	2	Se	3; 6	<p>Climate change is one of the greatest challenges facing mankind. Climate change laws, energy laws and reduction of plastic waste are key instruments for coping with this challenge. In this seminar, the various papers will analyze how different legal regimes are equipped to deal with this challenge. The seminar is designed to be also attended by students without previous knowledge in the individual problem areas and students in younger semesters. The seminar takes place as a block seminar with three main days.</p> <p>We will decide in due course to what extent the events take place on campus or over zoom.</p> <p><b>Educational objective</b></p> <p>The course provides students the opportunity to look at an issue of climate change in the global South in more detailed manner through self-reflection and self-directed study.</p> <p><b>Practical application of the law</b></p> <p>Additional benefits obtained through studying this course are the transferable skills both academically and through a practical application of the law. The course will give you the opportunity to address the development of the legal rules in international environmental law and human rights and will provide you with the skills needed for both an academic and employment environment whilst considering the materials and engaging with the activities. The course will enhance your research skills, information technology skills, and problem solving skills.</p> <p><b>Requirements:</b> This course does not have prerequisites</p> <p><b>Day/Time:</b> TBC</p> <p><b>Campus Online:</b> Yes</p> <p><b>Workload:</b> The individual process of writing a seminar paper is accompanied by introductory lectures, feedback sessions and final presentations of the papers. The in-class sessions aggregate around 25 hours which will be topped up by preparing the paper.</p> <p><b>ECTS:</b> Depending on the program:</p> <p>Law as a side subject: 5 (writing a seminar paper) + 2 (attending the in-class sessions)</p> <p>Lawyers and others 6</p> <p><b>Participation criteria &amp; registration:</b> Online (Zoom)</p> <p><b>Exam registration:</b> Please register by sending us your name, semester, matriculation number and your desired topic to: <a href="mailto:africanlegalstudies@uni-bayreuth.de">africanlegalstudies@uni-bayreuth.de</a>. However, the final topic allocation will take place at the preliminary meeting.</p>
30440	Introduction to German Private Law	1	Le	5	<p>General Introduction to German Private Law - System, Codes and Literature; Books of the BGB; Introduction to General Contract Law; general principles</p> <p><b>Teaching methods:</b> Presence; preparation, postprocessing and exam preparation.</p>

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
30742	Empirical Economic History	3	Le & Tu	5	<p>The course is structured into two parts:  Part one follows the economic development of Germany and its predecessor states chronologically from the 15th century to the beginning of the 20th century. Topics will center around the causes and consequences of three important turning points in German Economic History:  1) the Protestant Reformation, 2) the Age of Enlightenment, and 3) the Industrial Revolution.  Part two will center around the importance of history for long-term economic development in Sub-Saharan Africa. Topics will include the effect of the transatlantic slave trade on cultural attitudes, colonial origins of comparative development as well as the persistent effect of pre-colonial institutions on current day development.  Next to depicting the economic and political background, the course will discuss recent academic publications that stress the role of religion/culture, institutions, and human capital for economic development. This course aims at marrying descriptive style economic history with recent econometric approaches in economic history and long-run development. The course will discuss recent literature that assesses the economic development in a rigorous quantitative manner using the latest econometric tools.  The course will consist of lectures and student presentations. Students will themselves be required to read and present the content of academic papers. Discussing empirical questions and methodological aspects that allow for causal inferences will be an important part of the course. It is required that students are familiar with estimation methods taught in Empirical Economic Research I as this course concentrates on the application of these methods.  <b>Recommended prior knowledge:</b> Module "Macroeconomics I"  Module "Empirical Economic Research I"  <b>Participation criteria &amp; registration:</b> To register for participation, you must identify yourself as a student in CAMPUSonline.  The course will take place as a face-to-face course without a digital option.  <b>Examination mode:</b> Exam (60 minutes) plus mandatory presentation.</p>
32180	Innovation management (product, process and business model innovation)	2	Le	5; 6	
32181	Exercise on innovation management	1	Tu	5; 6	
32230	Empirical Economic Research II ("Panel Data Analysis")	2	Le	5	<p>Prerequisites: Empirical Economic Research I  <b>Participation criteria &amp; registration:</b> The course takes place as a pure face-to-face event without digital option.</p>
32231	Empirical Economic Research II ("Panel Data Analysis")	1	Tu	5	
32440	Refresher Course in Mathematics and Statistics	3	Se	-	<p>The main purpose of this course is to provide a fast track refresher in basic mathematics and statistics for Master students of the economic programs at the University of Bayreuth, especially the MA History &amp; Economics. The main focus is on students without a Bachelor degree in economics. The content will cover basic concepts of calculus, linear algebra, analysis, descriptive statistics and inferential statistics that are needed throughout the Masters program. As this course covers only the basic concepts, no prior knowledge is required. However, the knowledge of these basics will be expected by your lecturers in the Master programs.  <b>Recommended prior knowledge:</b> No prior knowledge is required.  <b>Participation criteria &amp; registration:</b> The event takes place as a pure face-to-face event without digital option.  <b>Examination mode:</b> There is no credit earned from this course. Students for whom this course is compulsory - as specified in their admission letter - must pass a take home exam. The exam will be made available on the last day.</p>
32500	Introduction to Empirical Methods	3	Le & Tu	6	<p>Refresher course Empirical Economics. Lecture and (computer-based) exercises.  This empirical crash course mainly addresses Master students who did not attend Empirical Economics I (EWF I, Empirische Wirtschaftsforschung I). (The contents of Empirical Economics I are a prerequisite in the Economics Master course Advanced Empirical Economics I). It is compulsory for H&amp;E Master students in the economics convergence module.  It is recommendable for: P&amp;E Master students, Economics Master students and all students, who are planning to specialize in empirical courses.  <b>Participation criteria &amp; registration:</b> For more information on course details, times and venue, see e-learning: <a href="https://elearning.uni-bayreuth.de/course/view.php?id=41752">https://elearning.uni-bayreuth.de/course/view.php?id=41752</a></p>
32521	Advanced Empirical Economics I	2	Le	5; 6; 8	
32522	Advanced Empirical Economics I	2	Tu	-	
32560	Marketing B: Corporate Communication and Media in Marketing (Corporate Communication, Media and Marketing)	2	Le	5; 6; 8	



Number	Course Title	Duration	Type	ECTS / Credits	Module Description
32561	Exercise for Marketing B: Corporate Communication, Media and Marketing (Exercise: Corporate Communication, Media and Marketing)	2	Tu	5; 6	
32701	Auditing – Theory, Practice and Digitalization	3	Le & Tu	6	<p>Students will get an overview about the meaning of accounting and auditing from the agency theory perspective. Afterwards, the term audit quality is defined and challenges in ensuring high audit quality are discussed. In particular, the independence of the auditor is questioned by illustrating DeAngelo's low-balling model. The theoretical findings are put into context with the current EU Directive on statutory audits and empirical research papers. The course also focuses on the principles of the statutory audit of financial statements. In this context, audit planning using the audit risk model as well as selected risk-oriented audit methods (e.g., calculating materiality, analytical audit procedures, monetary unit sampling) are considered. Building upon that, the opportunities for using data analytics in auditing are discussed. All topics are presented in theory and deepened by exercises.</p> <p><b>Learning Objectives:</b> Students should be able to justify the purpose of auditing and accounting from a theoretical perspective. In addition, students should develop an understanding of the importance of audit quality and auditor independence. Students should learn the principles of auditing, gain an understanding of the risk-oriented audit approach, and be able to apply different methods of the audit process. In addition, students should build up knowledge about the importance and opportunities of data analytics in auditing.</p> <p><b>Teaching methods:</b> Combined lecture and exercise (3 hpw) in English and if applicable guest lectures in English or German.</p> <p><b>Recommended prior knowledge:</b> Basic knowledge in financial accounting.</p> <p><b>Participation criteria &amp; registration:</b> No formal prerequisites.</p> <p><b>Examination mode:</b> The course will be graded on the basis of a written exam (60 minutes duration). The exam can be taken in English or German.</p>
33004	Specialization DLM/SMV (Customer Care)	2	Le	5; 10	<p>The "Customer Care" course not only builds on the essential principles of service management but also specifically focuses on customer-centric topics. Recognizing the integral role customers play throughout the entire service process-before, during, and after-this course offers an in-depth exploration of the complete customer journey. Topics covered include decision-making sources, factors influencing quality perception, customer satisfaction, loyalty, and strategies for transforming customers into long-term advocates, even after encountering a negative experience, through effective service recovery. Aligned with the service quality Gaps Model, the course meticulously examines various methods and tools, such as Mystery Shopping, Critical Incident Technique, and the SERVQUAL approach, within dedicated topic blocks. Furthermore, students are encouraged to actively participate in guest lectures, gaining practical insights by observing real-life cases.</p>
33006	Introduction to Economics: Macroeconomics	2	Ad. S	3; 5; 6	<p>The course is systematically structured into the following chapters:</p> <ol style="list-style-type: none"> <li>1. relevance of markets, competition and market failure</li> <li>2. macroeconomic indicators and national accounting</li> <li>3. monetary policy and fiscal policy</li> <li>4. growth in the long and short-run</li> <li>5. outlook: Markets for good politics</li> </ol> <p><b>Learning Objectives:</b> This course introduces students to macroeconomic and market analysis. Students will be acquainted with basic conceptual tools in economics and the course focuses on an economic way of thinking about problems of unemployment, inflation, growth as well as other topics related to economics. Participants will understand the importance of incentives and markets, they will be enabled to explain the behavior of agents in an economy, and they will be acquainted with the tools of monetary and fiscal policy. By the end of the course, participants will have developed an understanding of major economic institutions and the challenges of macroeconomic policy.</p> <p>In particular, students will be able to:</p> <ul style="list-style-type: none"> <li>- Analyze the importance of economic incentives and institutional constraints.</li> <li>- Understand political and economic institutions and potential changes to these institutions.</li> <li>- Evaluate the effects of fiscal and monetary policy.</li> <li>- Learn to make economic arguments, solve economic problems, and understand macroeconomic research methods.</li> <li>- Learn to apply macroeconomic research methods.</li> <li>- Apply economic know-how on business, government and societal issues.</li> <li>- Apply economic thinking to solve real world problems within the institutional environment.</li> </ul>
33007	Introduction to Economics: Macroeconomics	1	Tu	5	
33010	Tutorial Customer Care	1	Tu	-	
33028	International Mergers & Acquisitions	2	Le	6	<p><b>Participation criteria &amp; registration:</b> The event takes place as a pure face-to-face event without digital option. No registration necessary. Please note that you must give a presentation during the exercise in order to take part in the written exam.</p> <p><b>Requirements:</b> On-site participation only</p>
33030	Case study seminar in English (Interactive Case-Study Seminar: Fundamentals of Decision Theory)	2	Se	2; 4; 5; 10	

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
33031	Tutorial for the lecture "International Mergers & Acquisitions"	2	Tu	6	
33055	Game Theory I	2	Le	5; 6	<p>Games in the sense of game theory are decision situations in which two or more agents - referred to as players - interact. Players are usually assumed to have well-defined objectives and to rationally pursue their goals using the available information about other decision-makers' behavior in a forward-looking strategic way. Thus, game theory may also be described as the theory of strategic interaction. Applications of game theory to real-world problems abound, mainly in the social sciences, biology, and recently also computer science.</p> <p>The course Game Theory I blends theory and applications in economics and business, like strategic competition in oligopolies or bargaining. Lectures and classes focus on non-cooperative games of complete information and Nash equilibrium as the standard solution concept. The sequel Game Theory II considers non-cooperative games of incomplete information (e.g., auctions and signaling games) and introduces seminal cooperative concepts such as the Nash bargaining solution, the Shapley value, and the core.</p> <p>The course is taught in English. The exam will be posed only in English, but questions can be answered in either English or German. If less than 5 participants register for a written exam, an oral examination may be held instead of the written exam.</p> <p><b>Topics:</b>  Introduction  What is game theory (good for)?  Some distinctions  A selective history of game theory  Von Neumann-Morgenstern utility illustration  Static games of complete information  Normal form  Dominant strategies and rationalizability  Nash equilibrium  Existence of Nash equilibrium  Equilibrium selection and refinement  Replicator dynamics  Correlated equilibrium  Dynamic games of complete information  Extensive form  Strategies in extensive games  Backward induction and subgame perfection  Example: Bargaining  Repeated games  Forward induction</p>
33056	Game Theory I	1	Tu	5	
33557	Economic Progress and Institutional Change	3	Le	2; 6	<p>What types of economic, social and political institutions foster economic performance and enhance the effectiveness of the state? Research in the field of institutional change and economic performance tries to shed light on the economic past as well as current developments in order to better understand past evolutions and, more importantly, to contribute to providing an analytical framework to predict potential effects of institutional change on economic performance.</p> <p>In this course, we look in detail at different types of economic, social and political institutions which enhance economic performance and which foster the effectiveness of the state by analyzing the modern economic literature on the topic. We advance our understanding of the evolution of economies over time and provide guidance to policy discussions with respect to the ongoing task of improving the performance of modern economies. We explore a number of theoretical and empirical economic studies which highlight the role of institutions and emphasize, in particular, the importance of property rights, effects and conditions for good governance, the effects of moral behavior, legislative shirking, and corruption. Moreover, we will also deal with economic literature which emphasizes that governments should act according to citizens' preferences and that good institutions enhance responsiveness and economic development. Instead of treating institutions as mere details, the course highlights their role in economic development.</p> <p><b>Learning Objectives:</b> Students will be able to understand and evaluate part of the most important theoretical and empirical economic literature which highlights the role of institutions for advances in economic performance through time. They will be able to assess potential effects of institutional change on economic performance and can argue for and against institutional reforms. Finally, they are able to discuss, synthesize and evaluate in detail how the literature has changed our understanding of the importance of institutions for economic progress.</p> <p><b>Recommended prior knowledge:</b> As all scientific articles discussed are either of a theoretical (economic model) or empirical nature (econometric evaluations), the course requires a very good general understanding of how to read and interpret econometric results as well as a good understanding of the mathematics used in formal economic models. Students who are unsure regarding their skills in empirical economics may wish to visit the "Crash-Kurs Empirie".</p>
33096	Governance Economics I: Introduction	2	Le	5; 16	
33308	Current topics in economic research	2	Se	6	

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
33519	Emerging Digital Technologies	4	Cs	2; 5; 6	<p>The seminar is designed to provide students with an opportunity to build up necessary theoretical and methodological skills. These skills are needed to conceptualize, conduct, and communicate the latest insights on different emerging digital technologies. While selecting a new problem is a fundamental anchor for research's relevance, a researcher's ability to provide rigorous results depends on a toolkit of theories and methods. Theories provide the researcher with a sound basis by summarizing current knowledge and allowing for a precise investigation and definition of their topic's underlying phenomenon. Complementary to this, methods afford researchers with the ability to produce reliable results, which allow them to derive both meaningful and trustworthy conclusions. This way, they can make sure that their results are not only entertaining but also scientifically valid.</p> <p>To build up the necessary theoretical and methodological knowledge, students will work collaboratively on a research paper, with the aim of submitting it to an academic conference. The seminar will focus on key emerging technologies such as Artificial Intelligence (AI), Blockchain technology, the Internet of Things (IoT), and Process Mining. These have been a highly popular topic in research and industry in the last years, and research on the technologies individually and their convergence has emerged. Related topics are also very well suitable for the seminar papers, e.g., Self-Sovereign Identity or Platform Economy. Students can indicate their subject interests when registering.</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>Understanding the impact of emerging technologies on business</li> <li>Getting familiar with the concepts of a specific emerging digital technology</li> <li>Understanding the relevance of methods and theories in meaningful research</li> <li>Preparing and executing a research project</li> <li>Gathering knowledge of the essential quality criteria for scientific research</li> </ul> <p><b>Teaching methods:</b> Kick-off (2h, online), followed by an individual research phase that lasts approx. 3 months, and a final presentation.</p> <p><b>Recommended prior knowledge:</b> There are no prerequisites for attending this course. Exchange students are welcome.</p> <p>Readings are available through the university's electronic library resources (Elektronische Zeitschriftenbibliothek): <a href="http://www.ub.uni-bayreuth.de/de/digitale_bibliothek/e-journals/index.html">www.ub.uni-bayreuth.de/de/digitale_bibliothek/e-journals/index.html</a></p> <p><b>Participation criteria &amp; registration:</b> Seminar spots are limited to 20 people. To register for the course, please send an email to <a href="mailto:katharina.kneissel@fim-rc.de">katharina.kneissel@fim-rc.de</a></p> <p><b>Examination mode:</b> The course will be graded on the basis of a research in progress seminar paper (English, approx. 10 pages) and its presentation.</p>
33520	Advanced Macroeconomics – Advanced Macroeconomics I	2	Le	8	<p>The objective of this course is to provide a systematic overview of modern international macroeconomics. The course is theory-based and aims at providing skills of analytical thinking in the context of international macroeconomics. The course offers insights into both real and monetary macroeconomics and emphasizes how real and monetary variables interact in an international equilibrium. The course is organized in four parts. Part I will concern intertemporal trade to and constraints for borrowing and lending from a country's perspective. Part II introduces the concept of purchasing power and the link between changes in the real exchange rate to productivity growth. Part III will examine monetary issues such as the relationship between the nominal interest rate, the price level, and the nominal exchange rate. Part IV combines insights from the monetary and the real economy and sheds light on the role of monetary policy for exchange rates and output.</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>Knowledge of key concepts in modern international macroeconomics</li> <li>Knowledge of the relationship between key macroeconomic variables in an international context</li> <li>Insights into scope for policy intervention to overcome international economic crises</li> </ul> <p><b>Teaching methods:</b></p> <ul style="list-style-type: none"> <li>Lectures and seminars: 60 hrs</li> <li>Preparation of lectures and exercises: 130hrs</li> <li>Exam preparation: 50hrs</li> <li>Total: 240 hrs</li> </ul> <p><b>Recommended prior knowledge:</b> None</p> <p><b>Participation criteria &amp; registration:</b> The lecture takes place in classroom. There will be additional lecture videos from the last winter term available via the e-learning course.</p> <p><b>Miscellaneous:</b> The course is taught in the first 7 weeks of the semester (4 SWS).</p>
33521	Exercise on Advanced Macroeconomics – Advanced Macroeconomics I	2	Tu	8	
33540	Advanced Trade Theory (Theory and Empiricism of International Trade)	2	Le	2; 5; 6	<p>This course introduces students to firm-based theories of international trade with a strong analytical focus. Part I investigates elementary models of new trade theory, in particular models of monopolistic competition with homogeneous (Krugman, 1980) and heterogeneous (Melitz, 2003) firms. Our aim is to understand the determinants of firms' export decisions, which foreign markets they enter, and the role of firm heterogeneity in shaping those decisions. Building on the theoretical tools derived in Part I, in Part II we study how firms organize their production in a globalized world. We analyze the key drivers for firms to engage in horizontal and vertical foreign direct investment and obtain an understanding for the organization of global value chains. In Part III, we think about dynamic aspects of international trade. We investigate how contract enforcement and export experience shape firm export dynamics and discuss how supply relationships can work efficiently even if contract enforcement institutions are deficient.</p> <p><b>Recommended prior knowledge:</b> The course will be taught on an abstract and theoretical level and participants should have profound knowledge of microeconomics and good mathematical skills.</p> <p><b>Participation criteria &amp; registration:</b> The course will be taught in presence at the university. Only if regulation does not permit presence teaching, the course will take place online via Zoom.</p>

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
33541	Advanced Trade Theory (Theory and Empiricism of International Trade)	1	Tu	6	
33545	Advanced International Finance	1	Tu	-	
33546	Advanced International Finance	2	Le	2; 5; 6	<p>After a brief review of basic concepts in international macroeconomics and finance, the course is divided into two main parts. The first part focuses on the characterization of international financial markets. It begins with a review of the principles of international risk-sharing through trade in assets, and discusses the core models under complete markets. It follows with the introduction of market imperfections addressing problems such as sovereign debt sustainability and limited enforcement of sovereign debts contracts.</p> <p>The second part concentrates on the study of global imbalances and external adjustments. Global imbalances serve as an indicator of risk and stability of the global financial system. The course reviews the factors that drive global imbalances for individual countries and the world economy as a whole. It distinguishes natural levels of borrowing on international markets from excessive borrowing and analyzes related risks and potential inefficiencies, resulting from debt crises or currency attacks. The focus of the course is on the study of the theoretical models. However, models are introduced with a brief analysis of empirical regularities and stylized facts.</p>
33610	Corporate Governance: Theoretical Aspects	2	Le	6	
33611	Corporate Governance: Theoretical Aspects	1	Tu	6	
34008	Seminar for Bachelor's and Master's thesis candidates	2	Se	-	
34062	Topics in Economic Policy and Development	2	Le	5	<p>This course provides an in-depth exploration of the pivotal role that various economic, social, and political factors play in shaping economic policy and development. Through a comprehensive analysis of influential economic literature, students will examine the evolution of economies and investigate how institutions influence policy outcomes and long-term economic performance. The course bridges theoretical frameworks and empirical findings, offering students a nuanced understanding of how economic ideas shape policy.</p> <p>Key topics include the importance of collective action and social norms, the impact of governance structures, the relevance of free trade, the role knowledge in markets for society, an analysis of economic backwardness, and solutions to problems related to the commons, among other topics. Furthermore, we will explore how institutional responsiveness to citizen preferences fosters good governance and economic development.</p> <p>By emphasizing institutions as critical determinants of economic performance rather than peripheral factors, the course will provide students with a deeper understanding of the foundations that drive development outcomes and that are shaping economic thought. Each course session will feature critical discussions of seminal research papers, enabling students to connect theoretical insights with real-world policy challenges.</p> <p><b>Learning Objectives:</b> Students will gain the ability to understand and evaluate key theoretical and empirical economic literature addressing the challenges of economic policy and development. Specifically, they will:</p> <ul style="list-style-type: none"> <li>Understand the Role of Markets and Institutions: Gain insights into the various types of institutions and their influence on economic policy and development.</li> <li>Analyze Economic Literature: Critically assess both theoretical and empirical economic studies that have shaped economic thought, focusing on economic policy and development.</li> <li>Evaluate Policy Implications: Discuss the implications of research findings for policy formulation aimed at enhancing economic and social outcomes.</li> <li>Explore Institutional Responsiveness: Understand how governments can respond to citizen preferences and the impact of such responsiveness on economic performance.</li> <li>Develop Research Skills: Improve their ability to synthesize and present complex research findings on topics related to economic policy and development.</li> </ul> <p><b>Teaching methods:</b> Lecture with discussions of seminal research papers during course</p> <p><b>Recommended prior knowledge:</b> The course is designed for Bachelor students in Economics, International Economics and Development, and Philosophy &amp; Economics in their second or third year of studies. It requires a solid understanding of the basic mathematics used in formal economic models and ideally some initial experience in interpreting empirical economic results. While not a formal prerequisite, students are encouraged to have completed courses in empirical economics (econometrics), mathematics for economists, and the introductory development economics course <i>Entwicklungsökonomie I</i>.</p>
34063	Topics in Economic Policy and Development	1	Tu	5	



Number	Course Title	Duration	Type	ECTS / Credits	Module Description
34100	Seminar on Economic Progress (Geospatial Data in Economics - Causal Inference and Implementation - Bachelor)	2	Se	5	<p>Geospatial data is increasingly becoming available, for example in the form of satellite images, digitized historical maps, gridded climate data, or georeferenced surveys. Exploiting such geographical variation provides new possibilities for deriving causal inference in economics. Nowadays, many research articles exploit some sort of geospatial data, whether through the inclusion of geographic control variables, geographic instruments, or directly as dependent or explanatory variables. Hence, exploiting geospatial data is becoming a highly relevant skill.</p> <p>The aim of the seminar is threefold. First, we will review applications of geospatial data in economic research and become familiar how causal inference can be derived from quasi-experimental empirical approaches, such as spatial difference-in-differences, spatial regression discontinuity design and instrumental variables. We will learn about different types of geospatial data and data sources. Second, we will develop practical skills for working with geospatial data using Geographical Information Systems (QGIS), by replicating parts of the discussed research articles. Third, students are expected to prepare an academic poster about a research article of their choice, incorporating some sort of geospatial data and replication, using the skills that they have developed in the practical sessions.</p>
34230	Collective Choice Theory	1	Tu	6	
34232	Seminar in Topics in International Macroeconomics and Finance	2	Se	6	<p>The seminar introduces students to advanced theoretical models that analyze the different topics in international macroeconomics and international finance.</p> <p><b>The topics covered by the list of papers below include:</b></p> <ul style="list-style-type: none"> <li>-Global imbalances and external adjustments,</li> <li>-Sudden stop crises,</li> <li>-Sovereign risk and sovereign debt maturity,</li> <li>-Currency crises,</li> <li>-Inflation transmission through international input-output linkages,</li> <li>-Exchange rate pass-through to prices,</li> <li>-Exchange rate uncertainty and currency choices,</li> <li>-Dominant currencies.</li> </ul> <p>The seminar is targeted to master students. Advanced bachelor students are also welcome to participate. For the latter, it is recommended to take the bachelor's International Finance course before attending to the seminar.</p> <p><b>Recommended prior knowledge:</b> Background knowledge in international macroeconomics and international finance are recommended, but they are not a formal requirement.</p> <p><b>Examination mode:</b> Presentation and Seminar Paper</p>
34346	Seminar in Topics in International Macroeconomics and Finance (Bachelor)	2	Se	5	<p>The seminar introduces students to advanced theoretical models that analyze the different topics in international macroeconomics and international finance.</p> <p>The topics covered by the list of papers below include: Global imbalances and external adjustments, Sudden stop crises, Sovereign risk and sovereign debt maturity, Currency crises, Inflation transmission through international input-output linkages, Exchange rate pass-through to prices, Exchange rate uncertainty and currency choices, Dominant currencies.</p>
55700	Foundations of Economic History I: Growth and Crises	2	Le	5; 6; 8	<p>The course gives an overview of different periods of economic growth and crises, using examples from early modern history to the recent past. The geographic focus will be on Western Europe and North America, but we will also discuss other world regions. Key questions include: When and where did modern economic growth originate? Why did some countries grow rich and others remained poor? Why did growth accelerate in some periods and slowed down in others? What are the causes and consequences of economic crises in modern history?</p> <p>The course's objective is to introduce students to the central scientific issues, research approaches, and empirical findings in the economic history of growth and crises. The first part of the course discusses drivers and patterns of economic growth in economic history. We will begin with growth in pre-industrial times and the Malthusian trap, elaborate on the British industrial revolution and the Great Divergence, and discuss modern growth periods like Europe's Golden Age after World War II. We will also touch upon the most common growth theories. The second, shorter part of the course will shed light on crises in economic history. A particular focus will be on the Great Depression of the 1930s.</p> <p>Tutorial readings will have a strong focus on quantitative papers. The lecture will also draw on formal economic models and narrative history.</p> <p><b>Recommended prior knowledge:</b> The course is part of the MA-program "History and Economics" and requires a general knowledge in economic history. Students of advanced BA-levels (5th semester or higher) are welcome.</p> <p><b>Participation criteria &amp; registration:</b> Barring unforeseen developments, the course will take place on campus (without a digital option). Please register for participation in the face-to-face event via the REGISTER button in cmlife.</p> <p>I will upload lecture slides and tutorial texts on the e-learning platform (so please sign up for the course there!). Please prepare the lectures and read the associated texts before the corresponding tutorial takes place a week later.</p> <p>We will discuss administrative questions that you may have during the first session on October 20th.</p> <p>Exam mode: 90 minutes exam</p>
55701	Foundations of Economic History I: Growth and Crises	2	Tu	5; 6; 8	

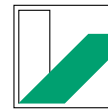
Number	Course Title	Duration	Type	ECTS / Credits	Module Description
70578	Global Health Policy	2	Le	5; 6	
36393	Empirical Labor Economics	2	Se	5; 6	<p>This course is designed for master students interested in applied microeconomics, especially labor economics. This course is not a pure labor economics course: it is also a course in empirical modeling and applied econometrics. The tools covered in the course are central to those used in empirical labor economics as well as in other fields of applied microeconomics. Emphasis will be placed on identifying causal relationships using regression-based analysis. Empirical examples will be drawn from recent work in labor economics.</p> <p><b>Learning Objectives:</b> Knowledge of different approaches to model the labor market Knowledge of tools evaluating the outcomes of labor market institutions</p> <p><b>Teaching methods:</b> Lecture, exercise</p> <p>Active participation in class: 45 hrs Preparation and revision: 55 hrs Term paper: 80 hrs Total: 180 hrs 6 CP</p> <p><b>Recommended prior knowledge:</b></p> <ul style="list-style-type: none"> <li>- Module "Advanced Microeconomics I"</li> <li>- Module "Advanced Empirical Economics I"</li> <li>- Module "Labor Economics" (Bachelor)</li> </ul> <p><b>Participation criteria &amp; registration:</b> You can find more information at the e-learning platform <a href="https://elearning.uni-bayreuth.de/course/view.php?id=41875">https://elearning.uni-bayreuth.de/course/view.php?id=41875</a> The course will be held in English.</p> <p><b>Exam registration:</b> Upon appointment</p> <p><b>Examination mode:</b> Grading is based on active participation in class, two assignments, and a term paper.</p> <p><b>Miscellaneous:</b> Course links: "Advanced Microeconomics I" and "Advanced Empirical Economics"</p>

### Key/Abbreviations:

Ad.S	Advanced seminar	Se	Seminar
Cs	Course	Le	Lecture
Exe	Exercise	Tu	Tutorial

Please check availability of your chosen subject/course by contacting the respective faculty.

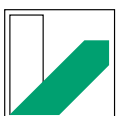
You can find contact details at [www.uni-bayreuth.de/en/study](http://www.uni-bayreuth.de/en/study)



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