

Universität Basel

Masterstudium: Sustainable Development

The aim of the MSD study program:

Our students gain advanced knowledge about scientific aspects of Sustainable Development in consideration of the ecological responsibility, the societal solidarity and the economic performance. They are taught to become competent and interdisciplinary working decision-makers in science, politics, economics, and society. Our graduates are able to consider, manage and implement complex sustainability issues.

Academic degree:

Master of Science in Sustainable Development

Structure:

The MSD study program contains 120 credit points, which are acquired over four semesters in the case of a full time study. For a part time study, the duration will extend accordingly. The MSD offers three focus areas: in natural sciences, in social sciences, and in economics; each containing six determined modules; and a master's thesis.

For detailed information regarding modules etc. we recommend to have a closer look at the study regulations (in German); the guidelines, the medium-term syllabus and the optimal study progression plan (all available in English). These documents and a graphic representation of the three focus areas can be downloaded from: <https://msd.unibas.ch/en/services/downloads/>

Head of the MSD:

The study program is jointly run by the Faculty of Sciences, the Faculty of Humanities and Social Sciences and the Faculty of Economics.

From August 2022 to July 2024, the teaching committee (TC) is chaired by Prof. Dr. Frank Krysiak, head of Environmental Economics, Faculty of Economics.

Head of the coordination office MSD is Camelia Chebbi, for contact details see below (section academic advice = Studienfachberatung).

Further information:

The guidelines and the study regulations inform about admission criteria, the registration process and the curriculum.

The detailed course directory (dcd) informs regarding teaching program of the current semester. Further information are provided by the medium-term syllabus (mittelfristiger Lehrplan). For the preparation of the timetable all these documents have to be considered.

All documents are available as downloads: <https://msd.unibas.ch/en/services/downloads/>

Studienfachberatung:

For academic advice and information & study consultation:

Camelia Chebbi, MA/MAS ETHZ/MAS NPPM FHNW,
head coordination office MSD

For detailed information regarding availability of office and staff see: <https://msd.unibas.ch/en/organization/coordination-office/contact/>

Individual study consultation by appointment.

coordination-msd@unibas.ch; +41 61 207 04 20.

Modul: Komplementärer Basisbereich Naturwissenschaften

20721-01	Vorlesung mit Übungen: Ecosystems - Concepts, Principles and Processes	3 KP
Dozierende	Priscilla Carrillo Barragan	
Zeit und Ort	Mo 10:15-12:00 Di 10:15-12:00 Vesalianum, Seminarraum (O2.02) Lecture: on Monday; practical course: on Tuesday. Final written examination on 16. December 24, 60 minutes, during usual lecture time. Repeat examination: 13.01.25, 60 minutes, during usual lecture	
Datum	17.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	
Module	Modul: Komplementärer Basisbereich Naturwissenschaften (Masterstudium: Sustainable Development)	
Lernziele	Lecture - Students know the components of ecosystems; - they know how these components are interacting and influencing each other; - they can mediate and argument this knowledge with specific vocabulary. Practical course - Students are familiar with the primary literature in natural sciences; - they acquire familiarity with the structure of articles in natural sciences; - they develop strategies to efficiently and correctly analyze the content of such articles;	



- they critically analyze the statement of a text, based on the presented data;
- they can interpret the provided data autonomously.

Inhalt	<p>The principal characteristics and components of ecosystems will be introduced. Through slides (presentations) and textbooks such principles, important processes and interactions between organisms and the abiotic environment will be discussed.</p> <p>Practical course Based on scientific literature, relevant topics will be critically analyzed and discussed. The critical reading and analysis of primary literature will be exercised with a focus on understanding the content of scientific articles, as well as on discussing and questioning the authors' statements, using the presented data. Topically, these sessions will be aligned with the content of the main lecture.</p>
Literatur	tba in class.
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	<p>Compulsory attendance in presence, readings and homeworks according to information of lecturers.</p> <p>Lecture: Final written examination on 16. December 24, 60 minutes, during usual lecture time. Repeat examination: 13. January 25, 60 minutes, during usual lecture time. For details regarding room see online course directory/section "dates and rooms".</p> <p>For the admission to the written examination is conditional, proof of achievement for the practical course. To receive proof of achievement for the practical course, students are required to read the provided literature and participate actively during the discussions. In consultation with the tutor, each participant will choose and present a scientific article and lead the discussion on the content. "Presenting" does NOT mean a classical presentation (e.g., Powerpoint), but to summarize the main findings and prepare the basis for an interactive discussion. Details and support on the preparation will be given during the lecture/practical course.</p>
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	<p>Limited number of participants (25). Students of the MSD have a first priority.</p> <p>If you study something different you must do at least a master's degree within the Department of Environmental Sciences (Faculty of Sciences) and may attend the course in case of vacancies (= second priority). No other students admitted.</p>
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	<p>Mandatory lecture for students of the MSD with focus areas in social sciences and in economics. Students of the MSD with focus areas in natural sciences may enrol if they have not already taken a comparable course. CP have to be accredited via learning agreement (template available on the website MSD/downloads MSD 2017) for the FASR module.</p> <p>Teaching takes place: - lecture: on Monday, 10.15-12 am, for details see "dates and rooms". - practical course: Tuesday, 10.15-12 am. First meeting on 17.09.24 with all participants. During the semester students meet in two groups fortnightly. Details of group building and meeting dates will be provided during the first class on 17.09.24.</p>



The lecture is offered by the MSD. Dr. Priscilla Carrillo Barragan is a post doc staff member of Man-Society-Environment (MSE = MGU Mensch-Gesellschaft-Umwelt).

41828-01	Vorlesung mit Übungen: Perspectives of Natural Sciences on Sustainability	3 KP
Dozierende	Patricia Holm	
Zeit und Ort	Di 14:15-16:00 Kollegienhaus, Hörsaal 117 Kick-off: 17. September: 14.15 - 17.30. Final written examination: 17. December 24, during usual lecture time, 60 minutes. Repeat examination: 14. January 25, during usual lecture time, 60 minutes	
Datum	17.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	
Module	Grundkurse (Transfakultäre Querschnittsprogramme im freien Kreditpunkte-Bereich) Modul: Electives in Data Science (Masterstudium: Data Science) Modul: Komplementärer Basisbereich Naturwissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)	
Lernziele	The students - know current challenges of Sustainable Development (SD) and are able to present them from a natural science perspective; - have a basic understanding of how different perspectives shape the idea of SD; - know which issues different natural sciences disciplines raise and know their expected contribution to the analysis of SD; - can formulate reasonable expectations towards different disciplines of natural sciences. Students are expected to - understand basic scientific methods in natural sciences; - have fundamental knowledge in natural sciences, which allow a critical appraisal of environmental issues and SD; - are aware of interrelations within the environment and between human and nature; - practice goal-oriented group work.	
Inhalt	The course is offered within the scope of the program "Pathways to Sustainability" (formerly known as "Transfaculty Cross Section Program Sustainable Development/Transfakultäres Querschnittsprogramm TQNE": https://msd.unibas.ch/en/study-programs/pathways-to-sustainability-tqne/). The program consists of 3 introductory lectures with practical courses (lecture A and B are offered in fall semesters, C is offered in spring semesters) dedicated to conveying the foundations of sustainable development. An additional integration seminar (D, offered in spring semesters) engages with interdisciplinary work. The assignment and completion of D requires the successful completion of two lectures from the above mentioned lectures A, B and C. The topic "Food and Sustainability" serves as an integration focus for the entire program and, thus, also for this lecture. The course includes a lecture and topic-specific practical course. While the lecture deals with systematic overview knowledge, the practical course focus' on empirical case studies.	
Literatur	Will be provided in class.	
Leistungsüberprüfung	Leistungsnachweis	
Skala	1-6 0,1	
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt	
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren	
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence of lecture and practical course, submission of learning portfolio according to the announced requirements. Final written examination (details according to information of P. Holm): 17. December 24, during usual lecture time, 60 minutes. Repeat examination: 14. January 25, during usual lecture time, 60 minutes. For details regarding room see online course directory/section "room and dates".	



Practical courses:

Each student has to submit a learning portfolio according to the announced requirements. The group meetings are organized at the beginning of the semester and will take place later in the semester.

Belegen bei Nichtbestehen
Einsatz digitaler Medien
Unterrichtssprache
Teilnahmevoraussetzungen

beliebig wiederholbar
kein spezifischer Einsatz
Englisch

This course is open to students of the University of Basel and EUCOR sustainability program who are at least in their third bachelor semester, or who are studying at Master or PhD level.

MSD 2017

Students who have already attended a similar class are supposed to contact Prof. Dr. P. Holm and determine with her a substitute: they also have to fix a learning agreement (template available on the website MSD/downloads MSD 2017).

Students with a first degree in natural sciences are not allowed to accredit this lecture for the MSD (no module allocation possible).

Anmeldung zur Lehrveranstaltung

Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).

Bemerkungen

The kick-off event is organized together with lecture B (41829) on Tuesday, 17.09.24 from 14.15 to 17.30h: lecture room according to announcement in the course directory (see section "dates & rooms").

Extra certificate

Upon completion of the entire program "Pathways to Sustainability" and the enrolled degree program at the University of Basel students may order an additional certificate. For this purpose students send an email to coordination-msd@unibas.ch, attach their official final degree transcript (= graduation transcript = Zeugnis) and provide the postal address.

This course is offered by the programs "Pathways to Sustainability" and MSD. Prof. Dr. Patricia Holm is member of the teaching committee MSD and head of the research group Man-Society-Environment (MSD= MGU), Dep. Environmental Sciences, Faculty of Sciences, and of "Pathways to Sustainability".

Modul: Komplementärer Basisbereich Gesellschaftswissenschaften

14253-01 Seminar: Environmental Ethics and Intergenerational Justice 3 KP

Dozierende
Zeit und Ort

Barbara Schmitz

Di 12:15-14:00

For details regarding room see online course directory/section "dates and rooms".

Datum

17.09.2024

Intervall

wöchentlich

Angebotsmuster

Jedes Herbstsemester

Anbietende Organisationseinheit

Fachbereich Nachhaltigkeitsforschung

Module

Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development)

Modul: Komplementärer Basisbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development)

Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)

Modul: Praktische Philosophie (MSF - Philosophie)

Modul: Fields: Environment and Development (MSG - African Studies)

Lernziele

The participants know

- different approaches in environmental ethics;

- the specific problems of intergenerational justice.

Inhalt

The central questions of environmental ethics concern the moral obligations we have towards protecting our natural environment. How can these obligations be rationally justified? What do they include? Physiocentric approaches suppose that the value of protecting our environment is not just based on human interests. In contrast, anthropocentric approaches completely explain the obligation to conserve the nonhuman nature by reference to the interests of human beings who for example have a need for an undestroyed environment as an economical resource or as an area for their relaxation. These different



approaches will be discussed in the first part of the course. Sustainable development is aiming at the protection of the economical and ecological conditions of the good life of future generations. By serving this goal environmental ethics becomes part of an ethics concerning our responsibility for the future. In the second part of the course different readings of this responsibility will be discussed. In this context, it will also be examined in which way our obligation to protect our environment can be justified by the idea of justice between present and future generations.

Literatur	The literature is presented in class.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, oral presentation, essay. Details according to information of B. Schmitz. Final session (discussion of essays): January 25, date tba in class.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Special course application required for ALL (for details see section 'course application' or 'Anmeldung'). Limited number of participants (25). Students of the MSD (incl. preparation semester and IJSD) have a first priority. Students of the listed programs (see list of modules) have a second priority. If you study something different you must do at least a master's degree within the Department of Social Sciences (Faculty of Humanities and Social Sciences) and may attend the seminar in case of vacancies (these applications have the priority level three). No other students admitted. Content related participation REQUIREMENTS for NON-MSD/IJSD-students: They must have passed successfully one of the following lectures (= credit points already acquired) during a former semester: - 11513: Sustainability: A new Societal Paradigm? - 41829: Perspectives of Social Sciences on Sustainability.
Anmeldung zur Lehrveranstaltung	Please note entry requirements. For details see section "admission requirements". Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html Login and application only possible with open link. Link guides to the ADAM website, you still must do the login. First emails with confirmation of participation will be sent out in week 36. In case of vacancies the online application link remains open until 26. September 24/noon. Course enrollment on MoNA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	Note: Special course application and entry requirements! Mandatory for all students of the MSD unless the following situation applies to you: Those who have already attended a similar class are supposed to contact Prof. Dr. Janina Grabs (available as of June 24) and determine with her a substitute and inform C. Chebbi by email. A learning agreement is to be filled in if the substitute concerns the 'Complementary Knowledge in Social Science' module (template on website/downloads MSD 2017). This seminar is offered by the MSD, Dr. B. Schmitz holds a teaching assignment.



Zeit und Ort	Di 16:15-18:00 Kollegienhaus, Hörsaal 117 Kick-off: 17. September: 14.15 - 17.30. Final written examination: 07. January 25, during usual lecture time, 60 minutes. Repeat examination: in January 25, details tba, during usual lecture time,
Datum	17.09.2024
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Departement Umweltwissenschaften
Module	Grundkurse (Transfakultäre Querschnittsprogramme im freien Kreditpunkte-Bereich) Modul: Electives in Data Science (Masterstudium: Data Science) Modul: Komplementärer Basisbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Modul: Vertiefung Landschaft und Umwelt (BSF - Geographie) Modul: Vertiefung Politikwissenschaft M.A. (MSF - Politikwissenschaft) Modul: Fields: Environment and Development (MSG - African Studies) Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)
Lernziele	The lecture aims at the acquisition of the following competences: - Professional competences: Students are familiar with selected social science perspectives (concepts, approaches and theories) relevant to the analysis of the link between sustainability and food. In addition, they have exemplary empirical knowledge on selected sustainability problems in the subject area of food and sustainability. - Methodological competences: Students are able to develop and apply strategies and techniques for the research and structuring of information. They are also able to apply specific social science perspectives to the analysis of a sustainability problem and to reflect the knowledge gained thereby. - Social and self-competences: Students can organize group work and organize and carry out results-oriented activities. They can argue their own positions in a small group and in front of a larger audience, defend against objections and reflect on the basis of critical objections by others.
Inhalt	The course is offered within the scope of the program "Pathways to Sustainability" (formerly known as "Transfaculty Cross Section Program Sustainable Development/Transfakultäres Querschnittsprogramm TQNE": https://msd.unibas.ch/en/study-programs/pathways-to-sustainability-tqne/). The program consists of 3 introductory lectures with practical courses (lecture A and B are offered in fall semesters, C is offered in spring semesters) dedicated to conveying the foundations of sustainable development. An additional integration seminar (D, offered in spring semesters) engages with interdisciplinary work. The assignment and completion of D requires the successful completion of two lectures from the above mentioned lectures A, B and C. This lecture with practical courses (lecture B) deals with the analysis of sustainability problems and problem solving from different social science perspectives. It seeks to clarify the prerequisites and conditions, as well as the possibilities and limits of dealing with sustainability problems and fostering societal transformations toward sustainability. Food as an integration focus for the entire program is analyzed as a social, cultural and political phenomenon in relation to sustainable development: What can social sciences contribute to a differentiated understanding of food-related sustainability problems and their solutions? (e.g., land use and conflicts, common property resources; food production, food consumption and waste; food distribution and security; food governance and governing a sustainable food system etc.). The class includes a weekly lecture and topic-specific practical courses: The lecture deals with systematic overview knowledge and a set of specific social science concepts, approaches and theories. The practical courses focus on empirical case studies and involves active student participation.
Literatur	Will be provided through ADAM.
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren



Hinweise zur Leistungsüberprüfung	<p>Compulsory attendance in presence of lecture and practical course, oral presentation (practical course).</p> <p>Final written examination: 07. January 25, during usual lecture time, 60 minutes. Repeat examination: in January 25, details tba, during usual lecture time, 60 minutes. For details regarding room see online course directory/section "dates and rooms".</p> <p>Practical course: Each student has to attend 3 sessions of a practical course (each 90 minutes) and 1 lesson with presentation in the course of the lecture taking place on pre-determined dates according to the announcement.</p>
Belegen bei Nichtbestehen Einsatz digitaler Medien Unterrichtssprache Teilnahmevoraussetzungen	<p>beliebig wiederholbar kein spezifischer Einsatz Englisch</p> <p>This course is open to students of the University of Basel and EUCOR sustainability program who are at least in their third bachelor semester, or who are studying at Master or PhD level.</p> <p>MSD 2017 Students who have already attended a similar class are supposed to contact PD. Dr. Basil Bornemann and determine a substitute. Students with a first degree in social sciences are not allowed to accredit this lecture for the MSD (no module allocation possible).</p>
Anmeldung zur Lehrveranstaltung	<p>Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).</p>
Bemerkungen	<p>The kick-off event is organized together with lecture A (41828) on Tuesday, 17.09.24 from 14.15 to 17.30h: room according to information in online course directory (see section "dates & rooms).</p> <p>Practical course: The groups are organized together with the enrolled students at the beginning of the teaching period. Venue: Vesalianum, Vesalgasse 1, 2nd floor, room tba (subject to modifications).</p> <p>Extra certificate Upon completion of the entire program "Pathways to Sustainability" and the enrolled degree program at the University of Basel students may order an additional certificate. For this purpose students send an email to coordination-msd@unibas.ch, attach their official final degree transcript (= graduation transcript = Zeugnis) and provide the postal address.</p> <p>This lecture is offered by the programs "Pathways to Sustainability" and MSD. PD Dr. B. Bornemann is member of the Sustainability Research Group, Department of Social Sciences/ Faculty of Humanities and Social Sciences. He holds a teaching assignment.</p>

Modul: Komplementärer Basisbereich Wirtschaftswissenschaften

48981-01	Vorlesung: Intensive Introduction to Intermediate Economics	6 KP
Dozierende	Dragan Ilic	
Zeit und Ort	Mi 08:15-10:00 Kollegienhaus, Seminarraum 106 Fr 12:15-14:00 Kollegienhaus, Hörsaal 119	
Datum	20.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Komplementärer Basisbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies)	
Lernziele	The course aims to provide students with no economic background with the required foundation in economic analysis and theory for tackling more advanced economic courses. After completing the course, students should be able to think critically about methodological	



Inhalt	<p>and economic issues. Students should be able to explain and interpret economic phenomena with the language and approach of economic reasoning.</p> <p>This course introduces the basic building blocks of modern economic analysis. Aimed for non-economists, it is a crash course in economic thinking. In the first, shorter part of the course we delve into basic economic concepts such as the modeling the market forces of supply and demand, thinking at the margin, efficiency, comparative advantage in trade, externalities, public goods, and measuring GDP. The second, more mathematical part of the course revolves around microeconomic theory. We will study how consumers and producers, interacting through markets, determine the prices and output of goods and the allocation of productive resources. Consumers and producers are formally modeled as agents with well-defined objectives who make optimal choices in an environment of economic constraints such as income and costs. The price mechanism signals information to consumers and producers alike, coordinating their behavior.</p> <p>This course will contain both lectures and exercise sessions. Course material will be provided through the ADAM webspace.</p>
Literatur	<p>Two textbooks provide the foundation for this class: Tyler Cowen and Alex Tabarrok, "Modern Principles of Economics," Third Edition (Worth Publishers, 2016) Jeffrey M. Perloff, "Microeconomics with Calculus," Third (Global) Edition (Pearson Education, 2013)</p> <p>For laypersons, these two books provide an excellent and easy to read introduction into economic thinking and the value of economic modeling: Tim Harford, "The Undercover Economist," (Little, Brown and Company, 2005; various reprints) Dani Rodrik, "Economics Rules," (W.W. Norton & Company, 2016) https://adam.unibas.ch/goto_adam_crs_933437.html</p>
Weblink	https://adam.unibas.ch/goto_adam_crs_933437.html
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	written exam: tbd
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	Online-Angebot fakultativ
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	I place high value on intuition, but this course is necessarily technical in nature. I expect you to have a solid background in algebra and be familiar with basic calculus.
Anmeldung zur Lehrveranstaltung	Registration: Please enroll in the Online Services (services.unibas.ch);
Bemerkungen	<p>Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: https://www.unibas.ch/de/Studium/Mobilitaet.html After successful registration you can enroll for the course in the Online Services (services.unibas.ch).</p> <p>Applies to everyone: Enrolment = Registration for the course and the exam! This is primarily an on-site lecture, but I will stream all lectures via Zoom and also upload the videos to my Dropbox afterwards. I highly encourage on-site participation, though - at least once a week.</p>

Modul: Interdisziplinäre Forschung zu Nachhaltigkeit

48953-01	Kernvorlesung: Sustainable Development: Introduction into Topics and Approaches	3 KP
Dozierende	Janina Grabs Patricia Holm Frank Christian Krysiak	
Zeit und Ort	Di 08:15-10:00 Rosshofgasse (Schnitz), Seminarraum S 01 Final written examination: 10. December 24, during usual lecture time. Details tba in class. Repeat examination: 28.01.25, during usual lecture time. For details regarding room see online course dir	
Datum	17.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	



Module	Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development)
Lernziele	<ul style="list-style-type: none"> - Students have acquired knowledge of the background, the history, and the important concepts of SD; - they can distinguish between the political and the societal meaning and the scientific approaches towards SD; - they are aware of the high complexity of SD topics, in terms of spatio-temporal relationships, in terms of the necessary contribution of different disciplines, and in terms of divergent perspectives; - they gain an overview on the important current topics in SD and acquire knowledge of the peculiarities of these topics; - they learn to transfer general concepts of SD topics on new topics.
Inhalt	In this introductory course (core lecture), participants are familiarized with the topic of sustainability from scientific perspectives. In this lecture, a first insight into the background, the history, and the important concepts of SD will be provided. An overview on the important current topics in sustainable development and their peculiarities will be given. As well, the political and the societal meaning and the scientific approaches towards SD will be discussed.
Literatur	Tba in class
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, presentation. Details according to information of the lecturers.
	Final written examination: 10. December 24, during usual lecture time. Repeat examination: 28.01.25, during usual lecture time. For details regarding room see online course directory/section "dates and rooms".
Belegen bei Nichtbestehen	If after a 2nd attempt the result is a fail (score lower than 4.0) again, the student is expelled from the MSD (see MSD study regulations; § 14).
Einsatz digitaler Medien	nicht wiederholbar
Unterrichtssprache	kein spezifischer Einsatz
Teilnahmevoraussetzungen	Englisch
Anmeldung zur Lehrveranstaltung	Exclusively for MSD-students (incl. prep. semester). No other students admitted. Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
	Exclusively for MSD-students (incl. preparation semester MSD). No other students admitted.
Bemerkungen	This core lecture is mandatory for every MSD student.
	The lecture is offered by the MSD. Prof. Dr. Patricia Holm., Prof. Dr. Janina Grabs (as of June 24) and Prof. Dr. Frank Krysiak (lead of this lecture) are heading the MSD teaching committee.

48954-01	Kernvorlesung: Tools and Methods for Interdisciplinary Research	3 KP
Dozierende	Iljana Schubert Annika Sohre	
Zeit und Ort	Mi 10:15-12:00 Final written examination: 11. December 24, during usual lecture time (90 minutes). Repeat examination: 29. January 25, during usual lecture time (90 minutes). For details regarding room see online	
Datum	25.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	
Module	Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development)	
Lernziele	Students will: <ul style="list-style-type: none"> - get acquainted with the rational, forms, challenges as well as requirements of inter- and transdisciplinarity; - get to know different methods and approaches of interdisciplinary research; - be able to understand and basically apply relevant tools of interdisciplinary research in 	



sustainability sciences, such as system analysis and sustainability assessment.

Inhalt	<p>Inter- and transdisciplinary collaboration are essential prerequisites to scientifically analyse and effectively tackle complex real-world problems, such as sustainability challenges. However, what is meant by inter- and transdisciplinarity, and how and by which approaches interdisciplinary research is conducted?</p> <p>In the first (theoretical) part, the lecture introduces different forms, methods, challenges as well as requirements of interdisciplinarity (and transdisciplinarity), with a specific focus on questions of interdisciplinary research in sustainability sciences.</p> <p>In the second (practical) part, we discuss two established tools of interdisciplinary research in sustainability sciences: system analysis and sustainability assessment. Guest lectures will share their personal experiences with interdisciplinary collaboration in science.</p> <p>In the third (reflexive) part, we round up the lecture by a critical reflection upon contributions of science to the transformation towards sustainable development. The lecture requires active participation as part of small practical exercises.</p>
Literatur	<p>Recommended introductory reading: Bergmann, M. et al. (2012): Methods for transdisciplinary research. A primer for practice, Frankfurt a.M: Campus.</p>
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, presentation. Details according to information of the lecturers.
Belegen bei Nichtbestehen	Final written examination: 11. December 24, during usual lecture time (90 minutes). Repeat examination: 29. January 25, during usual lecture time (90 minutes). For details regarding room see online course directory/section "dates and rooms".
Einsatz digitaler Medien	If after a 2nd attempt the result is a fail (score lower than 4.0) again, the student is expelled from the MSD (see MSD study regulations; § 14).
Unterrichtssprache	nicht wiederholbar
Teilnahmevoraussetzungen	kein spezifischer Einsatz
Anmeldung zur Lehrveranstaltung	Englisch Exclusively for MSD-students (incl. prep. semester). No other students admitted. Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	Exclusively for MSD-students (incl. preparation semester MSD). No other students admitted. This core lecture is mandatory for every MSD student. This core lecture is offered by the MSD. Dr. Annika Sohre and Dr. Iljana Schubert are members of the Sustainability Research Group, Dep. Social Sciences, Faculty of Humanities and Social Sciences. A. Sohre is also head of the Research Network Sustainable Future (Univ. of Basel). They hold a teaching assignment.

50399-01	Kolloquium: Introduction to Ongoing MSD Master's Thesis	1 KP
Dozierende	Janina Grabs Patricia Holm Frank Christian Krysiak	
Zeit und Ort	Fr 14:15-19:00 - Siehe Bemerkung Schedule fall semester 2024 - all dates are mandatory and all participants must be available for these dates!!! The meetings will start at 14.15, the duration depends on the number of presentations:	
Datum	27.09.2024	
Intervall	einmalig	
Angebotsmuster	Jedes Semester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	



Module	Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development)
Lernziele	Students - learn to perceive and understand other presentations; - get insights into other SD research topics; - learn to give constructive, specific feedback and to discuss the presented research topics; - learn to pose interesting questions on other student's presentations.
Inhalt	Within the study program of MSD 2017, students have to register 3 times in a 'master's thesis colloquium'. This colloquium on "ongoing master's thesis" is the first one to be attended (= colloquium A). The participants learn to understand the presented research designs, pose questions, and learn to give feedback.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance on site, in presence. Details regarding course assessment according to the information of the lecturers at the beginning of the first meeting.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Exclusively for MSD-students. No other students admitted.
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of week five).
Bemerkungen	Schedule fall semester 2024 - all dates are mandatory and all participants must be available for these dates!!! The meetings will start at 14.15, the duration depends on the number of presentations: Meeting 1: 27.09.2024; meeting 2: 08.11.2024; meeting 3: 06.12.2024 (only presentations of results), meeting 4: 13.12.2024 (only presentations of concepts), meeting 5: 20.12.2024 (only if necessary). Room details tba. Details regarding duration of each meeting are published with the program usually sent out around 10 days before the colloquia take place. The lecture is offered by the MSD. Prof. Dr. Patricia Holm,, Prof. Dr. Janina Grabs (as of June 24) and Prof. Dr. Frank Krysiak (lead of this lecture) are heading the MSD teaching committee.

52317-01	Kolloquium: Presentation of Concepts of MSD Master's Thesis	1 KP
Dozierende	Janina Grabs Patricia Holm Frank Christian Krysiak	
Zeit und Ort	Fr 14:15-19:00 - Siehe Bemerkung Schedule fall semester 2024 - all dates are mandatory and all participants must be available for these dates!!! The meetings will start at 14.15, the duration depends on the number of presentations:	
Datum	27.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Semester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	
Module	Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development)	
Lernziele	Participants learn - to present research questions and a research concept to an interdisciplinary audience; - to place their research questions in an appropriate sustainability context; - to discuss research questions and concepts from other disciplines; - to provide constructive feedback to their fellow students.	
Inhalt	Within the study program of MSD 2017, students have to register 3 times in a 'master's thesis colloquium'. This colloquium is the second one (= colloquium B). The participants present the research questions and the research design used in their master's theses. They prepare their presentations (of 10 minutes) in a way that is accessible to	



an interdisciplinary audience, focus on the relation of their research questions to sustainable development and the fit between these questions and the research design. The presentation is followed by 5' for questions of understanding; and a group discussion.
Details according to program of each meeting, sent out around 10 days beforehand.

Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance on site, in presence. Oral presentation of 10' minutes, followed by questions (5') and a discussion in group. The presentations are to be uploaded on ADAM by the presenters until Wednesday/noon before Friday of the presentation.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Only for students of the MSD who plan to submit the thesis application in the same semester. Prerequisite for the presentation in colloquium B is the former approval of the application by the teaching committee MSD. Students are supposed to present during the first session of the colloquium after approval (usually takes place around 10 days later). The students are automatically listed for the corresponding date of the colloquium.
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of week five).
Bemerkungen	Schedule fall semester 2024 - all dates are mandatory and all participants must be available for these dates!!! The meetings will start at 14.15, the duration depends on the number of presentations: Meeting 1: 27.09.2024; meeting 2: 08.11.2024; meeting 3: 06.12.2024 (only presentations of results), meeting 4: 13.12.2024 (only presentations of concepts), meeting 5: 20.12.2024 (only if necessary). Room details tba. Details regarding duration of each meeting are published with the program usually sent out around 10 days before the colloquia take place. The lecture is offered by the MSD. Prof. Dr. Patricia Holm,, Prof. Dr. Janina Grabs (as of June 24) and Prof. Dr. Frank Krysiak (lead of this lecture) are heading the MSD teaching committee.

53982-01	Kolloquium: Presentation of Results of MSD Master's Thesis	1 KP
Dozierende	Janina Grabs Patricia Holm Frank Christian Krysiak	
Zeit und Ort	Fr 14:15-19:00 Schedule fall semester 2024 - all dates are mandatory and all participants must be available for these dates!!! The meetings will start at 14.15, the duration depends on the number of presentations:	
Datum	27.09.2024	
Intervall	einmalig	
Angebotsmuster	Jedes Semester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	
Module	Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development)	
Lernziele	The students learn - to present research questions and a research results to an interdisciplinary audience; - to place their research questions in an appropriate sustainability context; - to discuss research questions and results from other disciplines; - to provide constructive feedback to their fellow students.	
Inhalt	Within the study program of MSD 2017, students have to register 3 times in a 'master's thesis colloquium'. This colloquium is the third and last one (= colloquium C). The participants present the results of their master's theses. They prepare their presentations (of 10') in a way that is accessible to	



an interdisciplinary audience, focus on the relation of their research questions to sustainable development and the fit between these questions and the results of their theses. The presentation is followed by 5' for questions of understanding.
Details according to program of each meeting, sent out around 10 days beforehand.

Leistungsüberprüfung
Skala
Wiederholungsprüfung
An-/Abmeldung zur Prüfung
Hinweise zur Leistungsüberprüfung

Lehrveranst.-begleitend
Pass / Fail
keine Wiederholungsprüfung
Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Compulsory attendance on site, in presence. Oral presentation of 10' minutes, followed by questions (5') and a group discussion. The presentations are to be uploaded on ADAM by the presenters until Wednesday/noon before Friday of the presentation.

Presenters have to register for a presentation, for details see section "course application".

Belegen bei Nichtbestehen
Einsatz digitaler Medien
Unterrichtssprache
Teilnahmevoraussetzungen

beliebig wiederholbar
kein spezifischer Einsatz
Englisch
Only for students of the MSD who are already able to present the results of the master's theses. The theses have to be completed at least up to 80% or may have already been submitted prior to the final presentation.

Anmeldung zur Lehrveranstaltung

Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).

Exclusively for MSD-students who have to present the results of the MSD master's thesis. No other students admitted.

Presenters have to register for a presentation on:
<https://nuudel.ch/cU8SRiaLAMYsoG52>

For prerequisites see "Admission requirements". Presentation time slots according to announcements.

Bemerkungen

Schedule fall semester 2024 - all dates are mandatory and all participants must be available for these dates!!! The meetings will start at 14.15, the duration depends on the number of presentations:
Meeting 1: 27.09.2024; meeting 2: 08.11.2024; meeting 3: 06.12.2024 (only presentations of results), meeting 4: 13.12.2024 (only presentations of concepts), meeting 5: 20.12.2024 (only if necessary).
Room detail see online course directory section "dates and rooms".

Details regarding duration of each meeting are published with the program usually sent out around 10 days before the colloquia take place.

The lecture is offered by the MSD. Prof. Dr. Patricia Holm,, Prof. Dr. Janina Grabs (as of June 24) and Prof. Dr. Frank Krysiak (lead of this lecture) are heading the MSD teaching committee.

Modul: Kernbereich Naturwissenschaften

24129-01	Exkursion: From Anthropogenic Landscapes to Wilderness Management	3 KP
Dozierende	Christine Alewell Andreas Lang	
Zeit und Ort	Mo 09:00-18:00 Exkursion: 05.-14.09.2024, Nordsee	
Datum	02.09.2024	
Intervall	täglich	
Angebotsmuster	Jedes 2. Herbstsem.	
Anbietende Organisationseinheit	Geowissenschaften	
Module	Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Sustainable Resource and Soil Management (Masterstudium: Geowissenschaften) Modul: Exkursionen (MSF - Geographie)	



Lernziele	Erwerb des Verständnisses ausgewählter Aspekte des globalen Klima- und Landnutzungswandels unter Berücksichtigung von (I) Prozessen, die in den Ökosystemen Nordsee und Nordseeküste stattfinden und (II) den dort vorhandenen Ressourcen und ihre Beeinflussung durch den Menschen.
Inhalt	Die 10-tägige Exkursion (inklusive An- und Abreise) beinhaltet ein vielfältiges Programm, welches biologische, bodenkundliche, biogeochemische/ozeanographische, sowie gesellschaftliche Aspekte behandelt (geplant sind u.a. ein Besuch der Nationalparkverwaltung und eines Renaturierungsprojektes sowie der Betriebsstelle des niederländischen Küstenschutzes, eine Wattwanderung nach Spiekeroog und Bestimmungsübungen zum Leben im Watt etc.). Im Vordergrund steht die Auseinandersetzung mit der norddeutschen Küste und dem Wattenmeer als Ökosystem. Dabei liegt der Fokus auf dem Schutz natürlicher Ressourcen und ihre Beeinflussung durch den Menschen und sich daraus ergebenden Konfliktfeldern.
Literatur	Wird ausgegeben.
Weblink	https://duw.unibas.ch/de/umweltgeowissenschaften/
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Aktive Teilnahme und schriftliches Referat zu einem Thema, das auf der Exkursion betrachtet wird. Bei Belegung des gleichnamigen Projekts (12127-01) kann das gleiche Thema des Seminarvortrages gewählt werden.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Deutsch
Teilnahmevoraussetzungen	Exkursion für Fortgeschrittene. Studierende des Masters Geowissenschaften (Vertiefung Umweltgeowissenschaften) sowie des Masters für Sustainable Development haben Vorrang. Ebenfalls geniessen Studierende Priorität, welche am gleichnamigen Projekt (VV-Nr. 12127-01) teilnehmen.
Anmeldung zur Lehrveranstaltung	Bei Interesse bitte bei admin-soil@unibas.ch melden. Anmeldungen mit gleichzeitiger Belegung des Projekts "From Anthropogenic Landscapes to Wilderness Management" (12127-01) werden bevorzugt berücksichtigt.
Bemerkungen	Die Vorberechung findet im Mai 2024 statt. Nachträgliche Anmeldung im Sekretariat Umweltgeowissenschaften (admin-soil@unibas.ch) ist möglich. Vorbereitungstag: 02.09.2024 (Pflicht für alle Teilnehmenden) Exkursion: 05.09. – 14.09.2024 Individuelle Anreise. Rückreise individuell ab dem 14.9.2024. Wir weisen darauf hin keine Termine für 15.9.2024, zu planen, da abhängig vom Wetter der Fahrbetrieb ggf. einschränkt und die Rückreise verzögert sein kann. Bei Bedarf kann der Kurs auch auf Englisch durchgeführt werden.

24172-01	Exkursion: Marine Biological Considerations at the Strait of Gibraltar	3 KP
Dozierende	Serena Abel Patricia Holm	
Datum	16.09.2024	
Angebotsmuster	unregelmässig	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	
Module	Lehrveranstaltungen Masterstudium Biologie der Tiere (Masterstudium: Biologie der Tiere) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Wahlbereich Bachelor Biologie: Empfehlungen (Bachelorstudium: Biologie (Studienbeginn vor 01.08.2022)) Wahlbereich Bachelor Biologie: Empfehlungen (Bachelorstudium: Biologie)	
Lernziele	Students - are able to distinguish key species of the food web; - have a knowledge about their habitat requirements and basic knowledge on their interactions with abiotic and biotic factors in their ecosystem; - know typical fields of conflict between man and nature; and are able to critically discuss possible solutions.	
Inhalt	Practical studies of the food web (plankton, invertebrates, predators) and key aspects of a selected ecosystem. Theoretical background of selected topics at the intersection of aquatic biology of either freshwater or marine systems in interaction with anthropogenic factors.	



<p>Literatur</p> <p>Leistungsüberprüfung</p> <p>Skala</p> <p>Wiederholungsprüfung</p> <p>An-/Abmeldung zur Prüfung</p> <p>Hinweise zur Leistungsüberprüfung</p> <p>Belegen bei Nichtbestehen</p> <p>Einsatz digitaler Medien</p> <p>Unterrichtssprache</p> <p>Teilnahmevoraussetzungen</p>	<p>tba</p> <p>Lehrveranst.-begleitend</p> <p>1-6 0,1</p> <p>keine Wiederholungsprüfung</p> <p>Anm.: Belegen Lehrveranstaltung; Abm.: stornieren</p> <p>Oral presentation, practical work, final report. Mandatory attendance.</p> <p>beliebig wiederholbar</p> <p>kein spezifischer Einsatz</p> <p>Englisch</p> <p>Special course application required for ALL (for details see "course application" or "Anmeldung").</p> <p>Limited number of participants (19). Students of the MSD and those of the mentioned fields of study have a first priority (see list of modules). Students of the bachelor's degree in Biology have been registered at least during 2 semesters in this field of study - incl. spring semester 23).</p> <p>If you study something different you must do at least a master's degree within the Department of Environmental Sciences/Faculty of Sciences and may attend the course in case of vacancies.</p> <p>MSD 2017 Students of the MSD who have chosen the focus area in social sciences or in economics must have completed the 'Complementary Knowledge in Natural Sciences' module (or at least earned 8 CP; incl. spring semester 2022).</p>	
<p>Anmeldung zur Lehrveranstaltung</p>	<p>Please note entry requirements (for details see section "admission requirements").</p> <p>Mandatory application for ALL! Link open from 21.05.24/7.15 pm-05.06.24/midnight: https://adam.unibas.ch/goto_adam_crs_544052.html</p> <p>Login and application only possible with open link. Link guides to the ADAM website. Login button on top row right hand side of ADAM website. First emails with confirmation of participation will be sent out at the end of the first deadline.</p> <p>In case of vacancies the online application link remains open until 05.06.24/midnight.</p> <p>Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).</p>	
<p>Bemerkungen</p>	<p>Note: Special course inscription and entry requirements!</p> <p>Within the MSD, credit points may be transferred to the module "Focal Areas in Sustainability Research" (learning agreement) (all students). Students with focus area in natural sciences may also accredit the course within the published module.</p> <p>Schedule:</p> <ul style="list-style-type: none"> - preliminary meeting: 21. May 2024, 18.15h; seminar room 02.02, Vesalianum, Vesalgasse1/2nd floor. - preparation meetings: details tba, seminar room 02.02, Vesalianum, Vesalgasse1/2nd floor. - field trip: Mon 02.09. (arrival day) - Mon 09.09.24 (departure day). Details will be provided to participants in due time. - debriefing: tba. <p>This field trip is offered by the MSD. Prof. Dr. Patricia Holm is a member of the teaching committee MSD. Furthermore, she heads the research group Man-Society-Environment (Mensch-Gesellschaft-Umwelt MGU) and the program "Pathways to sustainability". Serena Abel is a post doc team member of the research group MGU.</p>	
<p>72872-01</p>	<p>Kolloquium: MSD Life Science</p>	<p>1 KP</p>
<p>Dozierende</p> <p>Zeit und Ort</p>	<p>Patricia Holm</p> <p>Di 16:15-17:00 Vesalianum, Seminarraum (02.02)</p>	



Datum	17.09.2024
Intervall	wöchentlich
Angebotsmuster	einmalig
Anbietende Organisationseinheit	Departement Umweltwissenschaften
Module	Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development)
Lernziele	Participants will <ul style="list-style-type: none"> - practice and improve their performance skills in the context of a presentation of scientific data; - practice and improve their ability to critically discuss scientific articles; - acquire knowledge about current topics, approaches and methods of scientific sustainability research (from the perspective of the natural sciences).
Inhalt	Current topics, scientific approaches and new methods in ecology and sustainable development; <ul style="list-style-type: none"> - presentation and discussion of own research projects (including master's theses); - presentation and discussion of important, groundbreaking publications.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, presentation. Details according to the information of the lecturers.
Belegen bei Nichtbestehen	nicht wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Only for MSD-students with focus area in natural sciences; and post docs & staff members of MGU.
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of week five).
Bemerkungen	Please check the dates in the ADAM folder of this course. MSD: Compulsory course for ALL students with focus area in natural sciences (regardless of how the supervision and assessment of the master's thesis is organized). When to enroll for the colloquium is determined in consultation with Prof. Dr. P. Holm. This course is offered by the MSD. Prof. Dr. P. Holm is head of MGU and "Pathways of Sustainability" (TONE) and is member of the teaching committee MSD. Dr. Serena Abel is a post doc staff member of MGU (Mensch-Gesellschaft-Umwelt), Dep. of Environmental Sciences, Faculty of Natural Sciences.

62246-01 Kurs: Sustainability in Practice 3 KP

Dozierende	Patricia Holm Frank Christian Krysiak
Zeit und Ort	Fr 14:15-17:00 Schedule: - 20. September 2024: 14.15 - 17.00h: Kick-off. - 4., 11., 18., and 25. October 24: Site visits, in the afternoon until early evening. - 15. November 24: 14.15 - 18.00h: final session.
Datum	20.09.2024
Intervall	einmalig
Angebotsmuster	unregelmässig
Anbietende Organisationseinheit	Departement Umweltwissenschaften
Module	Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Lernziele	- Students gain knowledge about institutions and organizations in the field of sustainable development in the region; - they acquire a basic understanding how a project develops from scientific knowledge to implementation, - they know typical fields of sustainability in practice, - they are able to critically discuss chances, but also challenges and difficulties when implementing SD ideas in the practice.



Inhalt	Visits of institutions and organizations in the region, which are active in research, development of management solutions, knowledge transfer or application of scientific knowledge in the field of sustainable development. Projects will be presented and discussed. The visits will be complemented by presentations of selected experts at the University of Basel.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsary attendance in presence for the lectures (starting day and final meeting), as well as for the site visits and presentations. Production of video essays (group work with clear declaration of working part of each student), details tba by the lecturers in class.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Only for students enrolled regularly in the MSD/2nd semester onwards, limited number of participants (19)! No other students admitted. Specific participation requirements: - Mandatory course application (for link see section course application = Anmeldung); - students from 2nd MSD semester onwards; - 12 CP in total must be already achieved (incl. spring semester 23) in the two complementary knowledge modules (of the chosen focus area).
Anmeldung zur Lehrveranstaltung	Please note entry requirements. For details see section "admission requirements". Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html Login and application only possible with open link. Link guides to the ADAM website, you still must do the login. First emails with confirmation of participation will be sent out in week 36. In case of vacancies the online application link remains open until 26. September 24/noon. Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	This class is published for the three core competences modules. However, the teaching committee strongly advise the transfer of these credit points to the FASR module (via learning agreement; template available on the website MSD/downloads MSD 2017). Schedule: - 20. September 2024: 14.15 - 17.00h: Kick-off. - 4., 11., 18., and 25. October 24: Site visits, in the afternoon until early evening. - 15. November 24: 14.15 - 18.00h: final session. For details regarding room (on site meetings at Unibas) see online course directory section "dates and rooms". This course is offered by the MSD: Proff. Dr. Patricia Holm (lead), and Frank Krysiak (head of the MSD teaching committee).

12127-01 Projekt: From Anthropogenic Landscapes to Wilderness Management 3 KP

Dozierende	Christine Alewell Andreas Lang
Datum	16.09.2024
Angebotsmuster	Jedes 2. Herbstsem.
Anbietende Organisationseinheit	Geowissenschaften
Module	Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Sustainable Resource and Soil Management (Masterstudium: Geowissenschaften) Modul: Exkursionen (MSF - Geographie)
Lernziele	Hauptlernziel der Veranstaltung ist die eigenständige Bearbeitung eines Themas und das didaktisch und inhaltlich gute Präsentieren in Form eines Vortrages. Im Rahmen dieser kombinierten Veranstaltung ("From Anthropogenic Landscapes to



Inhalt	Wilderness Management" Projekt und Exkursion) gilt es, ausgewählte Aspekte des globalen Klima- und Landnutzungswandels unter Berücksichtigung von (I) Prozessen, die in den Ökosystemen Nordsee und Nordseeküste stattfinden und (II) den dort vorhandenen Ressourcen und ihre Beeinflussung durch den Menschen besser zu verstehen. In einem eintägigen Seminar werden Themen in Vorträgen durch die Studierenden präsentiert, die veranstaltungsbegleitend zu der 10-tägigen Exkursion (24129-01 From Anthropogenic Landscapes to Wilderness Management) eine Vorbereitung aller Studierenden zum Ziel haben. Die Exkursion thematisiert biologische, bodenkundliche, biogeochemische/ ozeanographische, sowie gesellschaftliche Aspekte, von denen übergreifende oder auch spezialisierte Themen behandelt und vorgestellt werden können. Im Vordergrund steht die Auseinandersetzung mit der norddeutschen Küste und dem Wattenmeer als Ökosystem. Thematischer Fokus liegt auf den natürlichen Ressourcen und ihrer Beeinflussung durch den Menschen.
Literatur	Wird ausgegeben.
Weblink	https://duw.unibas.ch/de/studium-ugw/exkursionen/wilhelmshaven
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Teilnahme an Exkursion (24129) und Projekt mit Präsentation eines Vortrages.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Deutsch
Teilnahmevoraussetzungen	Teilnahme nur in Kombination mit der Exkursion (24129). Studierende des Masters Geowissenschaften (Vertiefung Umweltgeowissenschaften) sowie des Master für Sustainable Development haben Vorrang.
Anmeldung zur Lehrveranstaltung	Bei Interesse bitte bei admin-soil@unibas.ch anmelden.
Bemerkungen	Die Vorbesprechung findet im Mai 2024 statt. Nachträgliche Anmeldung im Sekretariat Umweltgeowissenschaften (admin-soil@unibas.ch) ist möglich. Unterlagen und Informationen auf ADAM und https://duw.unibas.ch/de/studium-ugw/exkursionen/nordsee Bei Bedarf kann der Kurs auch auf Englisch durchgeführt werden.

70817-01	Vorlesung: Sustainability Assessment	2 KP
Dozierende	Frank Christian Krysiak Annika Sohre	
Zeit und Ort	Mo 16:15-18:00 - Online Präsenz - Will start in October 24, for details regarding dates and rooms see online course directory section "dates and rooms". Final assessment: Details tba.	
Datum	14.10.2024	
Intervall	wöchentlich	
Angebotsmuster	einmalig	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)	
Lernziele	- Developing an understanding of the theoretical and methodological foundations of sustainability assessment - Development of an overview of the available methods and requirements of sustainability assessment - Ability to independently apply the methods developed in three specific case studies	
Inhalt	In recent years, sustainability has increasingly gained a place as a relevant target dimension for companies, politics and society. The sustainability-related effects of projects, policies, laws or business endeavors must be taken into account in the planning, controlling of and reporting on the respective measures. To achieve this, various methods and instruments are used, which are summarized under the term sustainability assessment. A sustainability assessment can be used to check at an early stage whether a project is compatible with the goals of sustainable development. The expected positive and negative effects of the project	



<p>Leistungsüberprüfung</p> <p>Skala</p> <p>Wiederholungsprüfung</p> <p>An-/Abmeldung zur Prüfung</p> <p>Hinweise zur Leistungsüberprüfung</p> <p>Belegen bei Nichtbestehen</p> <p>Einsatz digitaler Medien</p> <p>Unterrichtssprache</p> <p>Teilnahmevoraussetzungen</p> <p>Anmeldung zur Lehrveranstaltung</p> <p>Bemerkungen</p>	<p>on the environment, society and the economy as well as on the corresponding subject areas of these three dimensions are systematically recorded and transparently presented. The lecture is offered jointly by the University of Basel and the University of Natural Resources and Life Sciences, Vienna (BOKU) and provides participating students with the theoretical and methodological foundations of sustainability assessment, an overview of the available methods (2) and a practical application of these methods in the context of three specific case studies (3).</p> <p>Leistungsnachweis</p> <p>Pass / Fail</p> <p>keine Wiederholungsprüfung</p> <p>Anm.: Belegen Lehrveranstaltung; Abm.: stornieren</p> <p>Final assessment: Details tba.</p> <p>nicht wiederholbar</p> <p>Online-Veranstaltung</p> <p>Englisch</p> <p>Access for master's students only.</p> <p>Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).</p> <p>Schedule: The class will start in mid-October. For details see online course directory section "dates and rooms".</p>
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The lecture is organized by the MSD, in cooperation with University of Basel, University of Natural Resources and Life Sciences, Vienna (BOKU), EUCOR and Epicur (funding).

<p>23138-01</p> <hr/> <p>Dozierende</p> <p>Zeit und Ort</p> <p>Datum</p> <p>Intervall</p> <p>Angebotsmuster</p> <p>Anbietende Organisationseinheit</p> <p>Module</p> <p>Lernziele</p> <p>Inhalt</p>	<p>Vorlesung: Sustainable Plant Systems</p> <hr/> <p>Klaus Schläppi</p> <p>Mi 14:00-18:00 Mi 14:00-18:00 October 30, 2024 & December 4, 2024 (14:00 – 18:00) at ETHZ, rooms tba</p> <p>30.10.2024</p> <p>unregelmässig</p> <p>Jedes Herbstsemester</p> <p>Integrative Biologie</p> <p>Lehrveranstaltungen Masterstudium Pflanzenwissenschaften (Masterstudium: Pflanzenwissenschaften) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Vertiefung Molekularbiologie (Masterstudium: Nanowissenschaften) Doktorat Botanik: Empfehlungen (PF - Botanik)</p> <p>Participants will be able to: (1) Review sustainability issues in the context of plant science research and literature on sustainable agriculture and the food system. (2) Analyze and interact on several case studies on agro-ecology and the food system.</p> <p>Future society has to feed nine billion people, therefore agriculture, food, waste and resource management have to go hand in hand toward the use of fewer resources and acceptance of the Planetary Boundaries. We will discuss current research in the context of the Sustainable Development Goals (SDGs). The focus of the seminar will be on:</p> <p>(1) Research in agroecological systems. Can we transform the impact of our agricultural practices to stay within the planetary boundaries? (2) Enabling food system transformation in Switzerland. The seminar will examine how local food systems can be built and scaled. The focus will be on policy strategies for a sustainable food environment and appropriate consumer habits.</p> <p>The seminar will have (a) two face-to-face sessions, (b) an online group work phase on case studies mentored by the lecturers, and (c) self-organized group cases that will be analysed and results be presented. At the end, all participants will publish a report.</p> <p>Case studies (CS) will include:</p> <ul style="list-style-type: none"> • CS 1: How can Swiss farmers move to zero environmental impact? • CS 2: What influence do the consumers in developed (importing) countries have on the sustainability of (mainly) small-holder farming in the developing (sourcing) countries? • CS 3: Sensor-based fertilization techniques in the field for sustainability? • CS 4: The blessing and curse of nitrogen – transferring knowledge from Science to Society to 	<p>2 KP</p>
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Weblink	create more awareness https://www.personalia.ethz.ch/education/masters-and-doctoral-studies
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Students will actively participate during the two afternoons with presentations on the second afternoon (8 hours). In between the participants will independently work on their group case and finish with a presentation and a report (52 hours).
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	Online-Angebot fakultativ
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	For MSc and PhD students of ETH Zurich, University of Zurich and University of Basel.
Anmeldung zur Lehrveranstaltung	In addition to the regular course registration on MoNA, students are requested to register through the PSC course registration platform for this course (see weblink). The course registration will open on 1st July.
Bemerkungen	Lecturers: Franz Bender (Agroscope), Frank Liebisch (Agroscope), Carole Epper (Agroscope), Melanie Paschke (ETHZ)

41821-01 Vorlesung mit Übungen: Ecological Sustainability Aspects of Climate Change 3 KP

Dozierende	Dirk Schindler
Zeit und Ort	Mi 14:15-18:00 Vesalianum, Seminarraum (O2.02) Final written exam: 30.10.24, during usual lecture time. Room: see section "dates and rooms".
Datum	18.09.2024
Intervall	wöchentlich
Angebotsmuster	unregelmässig
Anbietende Organisationseinheit	Departement Umweltwissenschaften
Module	Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development)
Lernziele	The students - deepen their knowledge on current global and regional climate change; - extend their knowledge on anthropogenic influence causing current climate change; - develop solid skills for the objective interpretation und assessment of the changes associated with the projected climate change in physical, biological and human systems; - analyse and evaluate possibilities for the application of mitigation und adaptation strategies.
Inhalt	Current climate change is altering many physical, biological and human systems in the earth-atmosphere system. With regard to the near future, projected climate change is the greatest challenge for mankind. The topics of the course will provide an interdisciplinary overview of observations, analyses, simulations and interpretations of current and projected climate change and its consequences at regional and global scales. Amongst others the following topics are covered: - Climate system as part of the earth system; - Overview about the facets of current and projected climate change; - Impacts of global and regional climate change on physical, biological and human systems; - Mitigation and adaptation strategies; - Climate Engineering; - Sustainability and climate.
Literatur	Recommended literature: IPCC (2014) Climate Change 2014: Synthesis Report. Summary for Policymakers IPCC (2014): Climate change 2014. Impacts, Adaptation, and Vulnerability. Summary for Policymakers Further literature will be provided during the course.
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, presentation. Details according to information of D. Schindler. Final written examination on 30.10.24: during usual lecture time, 60 minutes. For details regarding room see online course directory/section "dates and rooms".
Belegen bei Nichtbestehen	beliebig wiederholbar



Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	<p>Special course inscription required for ALL (for details see 'course application' or 'Anmeldung').</p> <p>Limited number of participants (25). Students of the MSD (incl. preparation semester MSD) have priority.</p> <p>If you study something different you must do at least a master's degree within the Departement of Environmental Sciences (Faculty of Sciences) and may attend the course in case of vacancies. No other students admitted.</p> <p>Students of the MSD who have chosen the focus area in social sciences or in economics must have completed the 'Complementary Knowledge in Natural Sciences' module (or at least earned 8 CP out of 12 CP).</p>
Anmeldung zur Lehrveranstaltung	<p>Please note entry requirements. For details see section "admission requirements".</p> <p>Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html Login and application only possible with open link. Link guides to the ADAM website, you still must do the login.</p> <p>First emails with confirmation of participation will be sent out in week 36. In case of vacancies the online application link remains open until 26. September 24/noon.</p> <p>Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).</p>
Bemerkungen	<p>Weekly course of 4 lessons until 30.10.24. For details see online course directory/section "dates and rooms".</p> <p>MSD students with focus area in natural sciences can accredit the course within the published module. All MSD students can transfer the credit points to the "FASR" module (learning agreement, template available on the website MSD/downloads MSD 2017).</p> <p>This course is offered by the MSD. Dr. Dirk Schindler holds a teaching assignment.</p>

49077-01	Vorlesung mit Übungen: Global Change Resources	3 KP
Dozierende	Miriam Simone Andres	
Zeit und Ort	<p>Mo 10:15-12:00 Vesalianum, Seminarraum (O2.02) Final written examination: 16. December 24: during usual lecture time. Repeat examination: in January 25, details tba. For details regarding room see online course directory/section "room and dates"</p>	
Datum	16.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Departement Umweltwissenschaften	
Module	<p>Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Sustainable Resource and Soil Management (Masterstudium: Geowissenschaften)</p>	
Lernziele	<ul style="list-style-type: none"> - Knowledge of key mineral and fossil resources, their occurrence and distribution. - Understanding of extraction and transport pathways of key mineral and fossil resources. - Basis understanding of environmental risks, legal frameworks and societal impacts. - Basic understanding of CO2 in the production of i.e. cement and complexity of carbon capture and storage. - Knowledge of processes and challenges in waste management and urban mining. 	
Inhalt	<p>From sand to solar, from molybdenum to mobile phones, from cobalt to computers: mineral resources form the basis of practically every aspect of our modern society. Never before in the history of our global community have we extracted, produced and consumed more of these valuable resources.</p> <p>This course aims to:</p> <ul style="list-style-type: none"> - identify key mineral and fossil resources; 	



- understand their distribution, extraction and transport pathways;
- highlight environmental risks, legal frameworks and societal impacts;
- discuss alternative concepts, learn about the circular economy and the 3R's (reduce, reuse, recycle).

With a mixture of lectures, case studies, exercises and excursions, you will learn about the complexity of extracting rare earth minerals, which are critical for our electronic and digital economy. Because Switzerland has no oil and gas resources, but plenty of salt, sand and silt, these valuable resources will be emphasized in a local context. Furthermore, we will investigate the history of how the extraction of mineral resources has evolved over the last hundred years. We will explore the question of 'Who owns the mineral resources under your house? And the mineral resources on the seabed.' We will also track the carbon footprint of the cement industry and how to eliminate the CO₂ by-product of the production process. Switzerland is a champion in the waste management department and is also advanced in the recycling of mineral resources and urban mining. A firsthand view of such a recycling plant will be integrated into the course as a scheduled excursion.

Literatur
Leistungsüberprüfung
Skala
Wiederholungsprüfung
An-/Abmeldung zur Prüfung
Hinweise zur Leistungsüberprüfung

Tba in class.
Leistungsnachweis
1-6 0,1
eine Wiederholung, bester Versuch zählt
Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Compulsory attendance in presence, required readings, presentation, etc. Details according to information of M. Andres.

Belegen bei Nichtbestehen
Einsatz digitaler Medien
Unterrichtssprache
Teilnahmevoraussetzungen

Final written examination (details according to information of M. Andres): 16. December, during usual lecture time.
Repeat examination (details according to information of M. Andres): tba: during usual lecture time.
For details regarding room see section "dates and rooms".
beliebig wiederholbar
kein spezifischer Einsatz
Englisch
Special course application required for ALL (for details see 'course application' or 'Anmeldung').

Limited number of participants (25). Students of the MSD (incl. preparation semester) have a first priority; those of the mentioned fields of study (see list of modules) have a second priority.

If you study something different you must do at least a master's degree within the Department of Environmental Sciences (Faculty of Sciences) and may attend the course in case of vacancies (third priority). No other students admitted.

Students of the MSD who have chosen the focus area in social sciences or in economics must have completed the 'Complementary Knowledge in Natural Sciences' module (or at least earned 8 CP out of 12 CP).

Anmeldung zur Lehrveranstaltung

Please note entry requirements. For details see section "admission requirements".

Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html
Login and application only possible with open link. Link guides to the ADAM website, you still must do the login.

First emails with confirmation of participation will be sent out in week 36.
In case of vacancies the online application link remains open until 26. September 24/noon.

Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).

Bemerkungen

Note: Special course inscription and entry requirements!

Mandatory for students of the MSD who have chosen the focus area of natural sciences. No



credit points transfer possible to any different module than published.
Students who have chosen the focus area of social sciences or economics transfer the credit points to the 'FASR' module (learning agreement, template available on the website MSD/downloads MSD 2017).

This lecture is offered by the MSD. Dr. Miriam Andres holds a teaching assignment.

Modul: Kernbereich Gesellschaftswissenschaften

62246-01 Kurs: Sustainability in Practice

3 KP

Dozierende	Patricia Holm Frank Christian Krysiak
Zeit und Ort	Fr 14:15-17:00 Schedule: - 20. September 2024: 14.15 - 17.00h: Kick-off. - 4., 11., 18., and 25. October 24: Site visits, in the afternoon until early evening. - 15. November 24: 14.15 - 18.00h: final session.
Datum	20.09.2024
Intervall	einmalig
Angebotsmuster	unregelmässig
Anbietende Organisationseinheit	Departement Umweltwissenschaften
Module	Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Lernziele	- Students gain knowledge about institutions and organizations in the field of sustainable development in the region; - they acquire a basic understanding how a project develops from scientific knowledge to implementation, - they know typical fields of sustainability in practice, - they are able to critically discuss chances, but also challenges and difficulties when implementing SD ideas in the practice.
Inhalt	Visits of institutions and organizations in the region, which are active in research, development of management solutions, knowledge transfer or application of scientific knowledge in the field of sustainable development. Projects will be presented and discussed. The visits will be complemented by presentations of selected experts at the University of Basel.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence for the lectures (starting day and final meeting), as well as for the site visits and presentations. Production of video essays (group work with clear declaration of working part of each student), details tba by the lecturers in class.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Only for students enrolled regularly in the MSD/2nd semester onwards, limited number of participants (19)! No other students admitted. Specific participation requirements: - Mandatory course application (for link see section course application = Anmeldung); - students from 2nd MSD semester onwards; - 12 CP in total must be already achieved (incl. spring semester 23) in the two complementary knowledge modules (of the chosen focus area).
Anmeldung zur Lehrveranstaltung	Please note entry requirements. For details see section "admission requirements". Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html Login and application only possible with open link. Link guides to the ADAM website, you still must do the login.



First emails with confirmation of participation will be sent out in week 36.
In case of vacancies the online application link remains open until 26. September 24/noon.

Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).

Bemerkungen

This class is published for the three core competences modules. However, the teaching committee strongly advise the transfer of these credit points to the FASR module (via learning agreement; template available on the website MSD/downloads MSD 2017).

Schedule:

- 20. September 2024: 14.15 - 17.00h: Kick-off.
 - 4., 11., 18., and 25. October 24: Site visits, in the afternoon until early evening.
 - 15. November 24: 14.15 - 18.00h: final session.
- For details regarding room (on site meetings at Unibas) see online course directory section "dates and rooms".

This course is offered by the MSD: Proff. Dr. Patricia Holm (lead), and Frank Krysiak (head of the MSD teaching committee).

72873-01	Seminar: Critical Political Economy: Growth, Inequality and Planetary Boundaries	3 KP
Dozierende	Janina Grabs	
Zeit und Ort	Di 16:15-18:00 Bernoullistrasse 14/16, Kleiner Seminarraum 02.001	
Datum	17.09.2024	
Intervall	wöchentlich	
Angebotsmuster	einmalig	
Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
Module	Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Staatlichkeit, Entwicklung und Globalisierung (Masterstudium: European Global Studies) Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)	
Lernziele	The goal of this course is that students develop a broad understanding of the history of political economic thought and emerging theories on the economic process, and can link those to societal challenges such as environmental degradation, income or gender inequality. Upon completion of this course, students should be able to articulate the main arguments of the examined authors, link them to their underlying ontological and normative frameworks, and critically assess their validity and contribution toward solving today's socio-economic and ecological challenges by drawing on empirical evidence.	
Inhalt	This course will introduce students to critical perspectives on the global economy and the role of governments and societies in shaping markets, focusing in particular on issues related to development, inequality, growth, and the environment. After reviewing the main schools of economic thought and their contributions to how the economy is structured today, we will turn to thinkers that critically examine the limits of the market in providing social goods; rethink the contributions of economic growth and globalization to development; focus on the consequences of economic inequality on societal welfare; and provide new perspectives on the interplay of consumption, growth and the environment on a planet with limited ecological resources. The focus of this reading-heavy seminar will lie on participatory discussions on the extent to which the authors' insights apply to current challenges and future directions of economic policy-making.	
Literatur	Tba in class.	
Leistungsüberprüfung	Lehrveranst.-begleitend	
Skala	1-6 0,1	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren	
Hinweise zur Leistungsüberprüfung	Compulsary attendance in presence, required reading, oral presentation, written essay. Details according to information of lecturer.	
Belegen bei Nichtbestehen	nicht wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Special course application required for ALL (for details see section 'course application' or 'Anmeldung').	

Limited number of participants (25). Students of the MSD (incl. preparation semester and



IJDSD) have a first priority.
Students of the listed programs (see list of modules) have a second priority.
If you study something different you must do at least a master's degree within the Department of Social Sciences (Faculty of Humanities and Social Sciences) and may attend the seminar in case of vacancies (these applications have the priority level three). No other students admitted.

Content related participation REQUIREMENTS for NON-MSD/IJDSD-students: They must have passed successfully one of the following lectures (= credit points already acquired) during a former semester:

- 11513: Sustainability: A new Societal Paradigm?
- 41829: Perspectives of Social Sciences on Sustainability.

MSD 2017

MSD students who have chosen the focus area in natural sciences or in economics must have completed (or earned at least 8 CP) the "Complementary Knowledge in Social Sciences" module.

Anmeldung zur Lehrveranstaltung

Please note entry requirements. For details see section "admission requirements".

Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html
Login and application only possible with open link. Link guides to the ADAM website, you still must do the login.

First emails with confirmation of participation will be sent out in week 36.
In case of vacancies the online application link remains open until 26. September 24/noon.

Bemerkungen

Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Please note entry requirements and mandatory course application procedure (additional to registration on MOnA), details in section "Admission requirements" (Teilnahmevoraussetzungen).

MSD 2017

For students with focus area in social sciences the seminar is optional for the "Core Competences in Social Sciences" module.
The recognition of credit points to the "Focal Areas in Sustainability Research" module (learning agreement) is possible for all MSD students.

This seminar is offered by the MSD. Prof. Dr. Janina Grabs is the new head of the Sustainability Research Group, Dep. of Social Sciences, Faculty of Humanities and Social Sciences (from 01. June 24 on).

14253-01	Seminar: Environmental Ethics and Intergenerational Justice	3 KP
Dozierende	Barbara Schmitz	
Zeit und Ort	Di 12:15-14:00 For details regarding room see online course directory/section "dates and rooms".	
Datum	17.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
Module	Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Komplementärer Basisbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Modul: Praktische Philosophie (MSF - Philosophie) Modul: Fields: Environment and Development (MSG - African Studies)	
Lernziele	The participants know - different approaches in environmental ethics; - the specific problems of intergenerational justice.	
Inhalt	The central questions of environmental ethics concern the moral obligations we have towards protecting our natural environment. How can these obligations be rationally justified? What do they include? Physiocentric approaches suppose that the value of protecting our environment is not just based on human interests. In contrast, anthropocentric	



approaches completely explain the obligation to conserve the nonhuman nature by reference to the interests of human beings who for example have a need for an undestroyed environment as an economical resource or as an area for their relaxation. These different approaches will be discussed in the first part of the course.

Sustainable development is aiming at the protection of the economical and ecological conditions of the good life of future generations. By serving this goal environmental ethics becomes part of an ethics concerning our responsibility for the future. In the second part of the course different readings of this responsibility will be discussed. In this context, it will also be examined in which way our obligation to protect our environment can be justified by the idea of justice between present and future generations.

Literatur	The literature is presented in class.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, oral presentation, essay. Details according to information of B. Schmitz. Final session (discussion of essays): January 25, date tba in class.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Special course application required for ALL (for details see section 'course application' or 'Anmeldung'). Limited number of participants (25). Students of the MSD (incl. preparation semester and IJSD) have a first priority. Students of the listed programs (see list of modules) have a second priority. If you study something different you must do at least a master's degree within the Department of Social Sciences (Faculty of Humanities and Social Sciences) and may attend the seminar in case of vacancies (these applications have the priority level three). No other students admitted. Content related participation REQUIREMENTS for NON-MSD/IJSD-students: They must have passed successfully one of the following lectures (= credit points already acquired) during a former semester: - 11513: Sustainability: A new Societal Paradigm? - 41829: Perspectives of Social Sciences on Sustainability.
Anmeldung zur Lehrveranstaltung	Please note entry requirements. For details see section "admission requirements". Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html Login and application only possible with open link. Link guides to the ADAM website, you still must do the login. First emails with confirmation of participation will be sent out in week 36. In case of vacancies the online application link remains open until 26. September 24/noon. Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	Note: Special course application and entry requirements! Mandatory for all students of the MSD unless the following situation applies to you: Those who have already attended a similar class are supposed to contact Prof. Dr. Janina Grabs (available as of June 24) and determine with her a substitute and inform C. Chebbi by email. A learning agreement is to be filled in if the substitute concerns the 'Complementary Knowledge in Social Science' module (template on website/downloads MSD 2017). This seminar is offered by the MSD, Dr. B. Schmitz holds a teaching assignment.



	Lasse Kos Jens Köhrsen Rebeca Roysen
Zeit und Ort	Mo 14:15-16:00 Kollegienhaus, Seminarraum 103
Datum	16.09.2024
Intervall	wöchentlich
Angebotsmuster	einmalig
Anbietende Organisationseinheit	Zentr. Religion, Wirtschaft und Politik
Module	Modul: Institutionen, Verbände, Religionsgemeinschaften (Masterstudium: Religion - Wirtschaft - Politik) Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Theologie im Kontext des Weltchristentums (Masterstudium: Theologie) Vertiefungsmodul Global Europe: Arbeit, Migration und Gesellschaft (Masterstudium: European Global Studies) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)
Lernziele	Upon the completion of this course, you will be able to: - Explain the main characteristics of grassroots innovations (GIs); - Understand the challenges and potentials of GIs as incubators for transitions towards more sustainable societies; - Critically reflect on the varied ways GI initiatives influence societies at large; and - Peer-review academic papers and/or presentations.
Inhalt	What for? Against the backdrop of socio-ecological challenges such as climate change, current societies pursue transitions to become more sustainable in their lifestyles and forms of production. Scholarship on sustainability transitions regards grassroots innovations (GIs) as important sources of alternatives and good practices towards this goal. Examples of GIs are ecovillages, Transition Towns, urban gardens, community currencies and community energy. Local initiatives developing GIs (GI initiatives) are groups from civil society that experiment with social, cultural, economic or technological innovations in diverse fields such as energy, food, agriculture, housing, governance, communication, and economy. However, the potential of GIs as incubators for sustainability transitions is highly contested. In order to stimulate transition processes in the broader society, there is a need for successful exchanges between GI initiatives and other social actors. Creating successful exchanges with external actors is challenging, as these initiatives are likely to differ in their values and worldviews, organize their activities along dissimilar structures, and develop substantially different lifestyles. Therefore, in order to realize successful collaborations across these boundaries, GI initiatives and other actors (e.g. academics and politicians) need to learn how to work together. Only with successful collaborations with external actors can GI initiatives diffuse their innovations to broader society. In this seminar, we are going to discuss the challenges and potentials of GI initiatives in promoting transition processes towards more sustainable societies. Course Structure This seminar is organised around the conference Grassroots Innovations as Incubators for Sustainability Transitions (GIIST), which will take place at the University of Basel between September 25 and 27, 2024. In this conference, renowned scholars from the academic field related to GIs and sustainability transitions will present and discuss their research. Students will receive an introduction on the topic before the conference, attend the conference, and engage in critical reflection afterwards. Students will also be supervised in the task of peer-reviewing one of the presenters' papers and/or presentations. At the end of the course, students will be asked to present their peer-reviews in small groups. Students have to send their final peer-reviews to rebeca.roysen@unibas.ch by 27.10.24, 23:55.
Literatur	Basic bibliography 1. Seyfang, G., Smith, A., 2007. Grassroots innovations for sustainable development: towards a new research and policy agenda. Environ. Polit. 16, 584–603. https://doi.org/10.1080/09644010701419121 . 2. Roysen, R., Bruehwiler, N., Kos, L., Boyer, R., Koehrsen, J., 2024. Rethinking the diffusion of grassroots innovations: An embedding framework. Technological Forecasting & Social Change, 200. https://doi.org/10.1016/j.techfore.2023.123156 . 3. PLOS (n/d). How to write a peer review. Available at: https://plos.org/resource/how-to-write-a-peer-review/ . Access on: 29.02.2024.
Leistungsüberprüfung	Leistungsnachweis
Skala	Pass / Fail
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: Dozierende



Hinweise zur Leistungsüberprüfung

Evaluation:

The evaluation of the course will be on a pass/fail basis. In order to pass the course, students are required to (a) attend and participate in class and at the conference, and (b) write and present a peer-review (see details below).

Assignment: Peer review (2-3 pages)

Read the guide on how to conduct a peer-review and write a peer-review report on the selected paper/presentation. In this report, you need to summarise the paper/presentation and critically evaluate it.

Assessment Criteria

- The student accurately summarises the scholar's paper and/or presentation;
- The student identifies the contributions of the paper/presentation and specific areas for improvement;
- The student justifies his/her recommendations;
- The student uses clear and respectful language.

Belegen bei Nichtbestehen

nicht wiederholbar

Einsatz digitaler Medien

kein spezifischer Einsatz

Unterrichtssprache

Englisch

Teilnahmevoraussetzungen

This seminar can have a maximum of 20 students

70817-01 Vorlesung: Sustainability Assessment

2 KP

Dozierende

Frank Christian Krysiak

Annika Sohre

Zeit und Ort

Mo 16:15-18:00 - Online Präsenz -

Will start in October 24, for details regarding dates and rooms see online course directory section "dates and rooms".

Final assessment: Details tba.

Datum

14.10.2024

Intervall

wöchentlich

Angebotsmuster

einmalig

Anbietende Organisationseinheit

Wirtschaftswissenschaftliche Fakultät / WWZ

Module

Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development)

Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development)

Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)

Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)

Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)

Lernziele

- Developing an understanding of the theoretical and methodological foundations of sustainability assessment

- Development of an overview of the available methods and requirements of sustainability assessment

- Ability to independently apply the methods developed in three specific case studies

Inhalt

In recent years, sustainability has increasingly gained a place as a relevant target dimension for companies, politics and society. The sustainability-related effects of projects, policies, laws or business endeavors must be taken into account in the planning, controlling of and reporting on the respective measures. To achieve this, various methods and instruments are used, which are summarized under the term sustainability assessment. A sustainability assessment can be used to check at an early stage whether a project is compatible with the goals of sustainable development. The expected positive and negative effects of the project on the environment, society and the economy as well as on the corresponding subject areas of these three dimensions are systematically recorded and transparently presented.

The lecture is offered jointly by the University of Basel and the University of Natural Resources and Life Sciences, Vienna (BOKU) and provides participating students with the theoretical and methodological foundations of sustainability assessment, an overview of the available methods (2) and a practical application of these methods in the context of three specific case studies (3).

Leistungsüberprüfung

Leistungsnachweis

Skala

Pass / Fail

Wiederholungsprüfung

keine Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Anm.: Belegen Lehrveranstaltung; Abm.: stornieren

Hinweise zur Leistungsüberprüfung

Final assessment: Details tba.

Belegen bei Nichtbestehen

nicht wiederholbar



Einsatz digitaler Medien	Online-Veranstaltung
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Access for master's students only.
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	Schedule: The class will start in mid-October. For details see online course directory section "dates and rooms". The lecture is organized by the MSD, in cooperation with University of Basel, University of Natural Resources and Life Sciences, Vienna (BOKU), EUCOR and Epicur (funding).

Modul: Kernbereich Wirtschaftswissenschaften

62643-01	+ Kolloquium: Consumer Behavior: Marketplace Applications	3 KP
Dozierende	Juliano Laran	
Zeit und Ort	Di 15:15-19:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S13 HG.35	
Datum	17.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Business Field: Marketing (Masterstudium: Business and Technology) Modul: Core Courses in Marketing and Strategic Management (Masterstudium: Wirtschaftswissenschaften) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Specific Electives in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in Marketing and Strategic Management (Masterstudium: Wirtschaftswissenschaften) Vertiefungsmodul: Marketing and Strategic Management (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))	
Lernziele	The goals of this course are for you to be able to: (a) explore consumer behavior concepts, (b) develop the ability to apply the theories discussed in class to common marketing problems, from the perspective of marketing managers and public policy makers, and (c) develop a set of skills important to successful performance in managerial positions.	
Inhalt	We will cover applications of consumer behavior to managerial practice in the marketplace. In each class, we will (a) study theories of decision making that can be used to predict consumers' decisions and, most importantly, (b) learn how to apply these theories in day-to-day marketing practice in the real world. Thus, the content is managerially-focused rather than theory-focused. The research methods we will focus on are experiments and surveys, but we will also have at least one class discussing qualitative methods and their application to understand consumers. Finally, we will discuss the concepts of consumer perception, motivation, persuasion, decision making, post-decision making (e.g., satisfaction, loyalty), and segmentation. Marketing practitioner articles (e.g., Harvard Business Review) and cases. https://adam.unibas.ch/goto_adam_crs_1197439.html	
Literatur	Leistungsnachweis	
Weblink	1-6 0,1	
Leistungsüberprüfung	keine Wiederholungsprüfung	
Skala	An- und Abmelden: Dozierende	
Wiederholungsprüfung	written exam: tbd	
An-/Abmeldung zur Prüfung		
Hinweise zur Leistungsüberprüfung		
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Recommendation: If the lecture 31960 Microeconomics and Psychology of Decision Making has not yet been attended, it would be ideal to take the lecture 62650 Behavioral Science this semester.	
Anmeldung zur Lehrveranstaltung	1. The number of participants must be limited to 40. Students in the major "Marketing and Strategic Management" (Master of Business and Economics) and students of the Master in Business and Technology will be admitted with high priority.	



2. Please register for the course and the subsequent assignment via this link here (https://adam.unibas.ch/goto.php?target=crs_1598666_rcodee9SkMywgcX&client_id=adam) from 01.08.24 - 11.09.24.
Please make sure that you are registered for the fall semester and have paid the semester fees before you register for this course.
Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the enrolment deadline and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you have access to the enrolment link.
3. You will be notified on 12.09.2024 by Email if you have been admitted to the course or on the waiting list.
4. A deregistration is possible until 19.09.24 at the latest by email to studiendekanat-wwz@unibas.ch.
5. Your registration will be entered in your Online Services only after the official deadline of the course registration period, i.e. after October 14, 2024.
6. The following applies to everyone: enrollment = registration for the exam/assignment! In case of non-participation after registration it will be noted as "nicht erschienen" in the transcript.

10639-01	Kolloquium: Consumer Behavior: Theoretical Foundations	3 KP
	Dozierende	C. Miguel Brendl
	Zeit und Ort	Di 14:15-18:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S13 HG.35
	Datum	29.10.2024
	Intervall	wöchentlich
	Angebotsmuster	Jedes Herbstsemester
	Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
	Module	Modul: Business Field: Marketing (Masterstudium: Business and Technology) Modul: Core Courses in Marketing and Strategic Management (Masterstudium: Wirtschaftswissenschaften) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Specific Electives in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in Marketing and Strategic Management (Masterstudium: Wirtschaftswissenschaften) Vertiefungsmodul: Marketing and Strategic Management (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))
	Lernziele	Get acquainted with research in consumer behavior and with reading and interpreting academic journal articles.
	Inhalt	We will discuss theory and experiments from the field Consumer Behavior. This field builds on knowledge from psychology to understand the behavior of consumers. Most weeks we will examine a single journal article in detail, examining what is most important about it. We will explore the researchers' main hypotheses and how they tested them. To get an impression of topics in this area, look at the tables of contents of the Journal of Consumer Research, Journal of Consumer Psychology, or the Journal of the Association for Consumer Research.
	Literatur	Journal articles from the academic consumer behavior literature (e.g., from the Journal of Consumer Research, the Journal of Consumer Psychology, or the Journal of Marketing Research) and some closely related research from psychology and management journals.
	Leistungsüberprüfung	Leistungsnachweis
	Skala	1-6 0,1
	Wiederholungsprüfung	keine Wiederholungsprüfung
	An-/Abmeldung zur Prüfung	An- und Abmelden: Dozierende
	Hinweise zur Leistungsüberprüfung	Details to be determined. You will need to write an end-of-semester essay that will determine all or most of the final grade.

Students are also required each week to submit brief, written answers to a standard set of questions regarding that week's reading, to attend class, and to engage in discussion.



Belegen bei Nichtbestehen
Einsatz digitaler Medien
Unterrichtssprache
Teilnahmevoraussetzungen

beliebig wiederholbar
kein spezifischer Einsatz
Englisch
Either being currently registered for 62650 Behavioral Science, or having completed it before, or having completed 31960 Microeconomics and Psychology of Decision Making before. If you have done similar coursework which you believe substitutes 62650 Behavioral Science, please contact the instructor.

Anmeldung zur Lehrveranstaltung

1. The number of participants is limited to 40
Students in the major "Marketing and Strategic Management" (Master of Business and Economics) and students of the Master in Business and Technology will be admitted with high priority.
2. Please register for the course and the subsequent assignment via this link here https://adam.unibas.ch/goto.php?target=crs_1598704_rcodeqQKmvZJUEM&client_id=adam (possible after 01.08.2024).
Please make sure that you are registered for the fall semester and have paid the semester fees before you register for this course.
The first application deadline is 17.09.24! You will be notified on 18.09.24 by Email if you have been admitted to the course or on the waiting list!
There will be a second application deadline for late applications on 14.10.24. You will then be notified on 15.10.24 if you have been admitted to the course or not!
3. Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register BEFORE the enrolment deadline at the University of Basel and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you have access to the enrolment link.
4. A deregistration is possible until 14.10.24 at the latest by email to studiendekanat-wwz@unibas.ch
5. Your registration will be entered in your Online Services only after the official deadline of the course registration period, i.e. after October 14, 2024.
6. The following applies to everyone: enrollment = registration for the exam/assignment! In case of non-participation after registration it will be noted as "nicht erschienen" in the transcript.

Bemerkungen

There will be mandatory homework in preparation of Session 1. Hence, check the course webpage before. Attendance is also mandatory as of Session 1.

This course is a pre-requisite for "43498-01 Psychological Theory in Consumer Behavior", for "31953-01 Behavioral Marketing", as well as for writing a master's thesis in behavioral marketing.

For some courses in the area of Behavioral Marketing you need to first take other courses. A master's thesis in this area also requires particular prior course work. You can find an overview here: <https://www.unibas.ch/de/marketing/courses-masters-thesis/>

62246-01 Kurs: Sustainability in Practice

3 KP

Dozierende

Patricia Holm

Zeit und Ort

Frank Christian Krysiak
Fr 14:15-17:00
Schedule:
- 20. September 2024: 14.15 - 17.00h: Kick-off.
- 4., 11., 18., and 25. October 24: Site visits, in the afternoon until early evening.
- 15. November 24: 14.15 - 18.00h: final session.

Datum

20.09.2024

Intervall

einmalig

Angebotsmuster

unregelmässig

Anbietende Organisationseinheit

Departement Umweltwissenschaften



Module	Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Lernziele	- Students gain knowledge about institutions and organizations in the field of sustainable development in the region; - they acquire a basic understanding how a project develops from scientific knowledge to implementation, - they know typical fields of sustainability in practice, - they are able to critically discuss chances, but also challenges and difficulties when implementing SD ideas in the practice.
Inhalt	Visits of institutions and organizations in the region, which are active in research, development of management solutions, knowledge transfer or application of scientific knowledge in the field of sustainable development. Projects will be presented and discussed. The visits will be complemented by presentations of selected experts at the University of Basel.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsary attendance in presence for the lectures (starting day and final meeting), as well as for the site visits and presentations. Production of video essays (group work with clear declaration of working part of each student), details tba by the lecturers in class.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Only for students enrolled regularly in the MSD/2nd semester onwards, limited number of participants (19)! No other students admitted. Specific participation requirements: - Mandatory course application (for link see section course application = Anmeldung); - students from 2nd MSD semester onwards; - 12 CP in total must be already achieved (incl. spring semester 23) in the two complementary knowledge modules (of the chosen focus area).
Anmeldung zur Lehrveranstaltung	Please note entry requirements. For details see section "admission requirements". Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html Login and application only possible with open link. Link guides to the ADAM website, you still must do the login. First emails with confirmation of participation will be sent out in week 36. In case of vacancies the online application link remains open until 26. September 24/noon. Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	This class is published for the three core competences modules. However, the teaching committee strongly advise the transfer of these credit points to the FASR module (via learning agreement; template available on the website MSD/downloads MSD 2017). Schedule: - 20. September 2024: 14.15 - 17.00h: Kick-off. - 4., 11., 18., and 25. October 24: Site visits, in the afternoon until early evening. - 15. November 24: 14.15 - 18.00h: final session. For details regarding room (on site meetings at Unibas) see online course directory section "dates and rooms". This course is offered by the MSD: Proff. Dr. Patricia Holm (lead), and Frank Krysiak (head of the MSD teaching committee).



Dozierende	Frank Christian Krysiak
Zeit und Ort	Mi 16:15-18:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32
Datum	18.09.2024
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Preparation Master's Thesis in Economics and Public Policy (Masterstudium: Economics and Public Policy) Modul: Research Design in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Research Design in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Seminararbeiten (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021)) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)
Lernziele	You will acquire in-depth knowledge on the topic chosen for your seminar thesis. In addition, you will learn how to extract the main results from scientific studies, how to apply them to a particular question, how to compare and discuss different studies, and how to build your own argument on this basis. If you choose to do so, you can also learn how to (slightly) extend existing studies on your own.
Inhalt	The course will cover current topics in environmental and energy economics, ranging from water pollution, climate change, promotion of renewables to new designs for electricity markets. Students will choose their individual topic from a supplied list and work individually on their seminar thesis. However, they will be required to connect their work to the general topical clusters of the seminar and to discuss the work of other students. During the first weeks, some training on presentation skills and on providing constructive feedback will be given.
Literatur	Students will receive one literature reference for their topic as a starting point for their own literature search.
Weblink	https://wwz.unibas.ch/de/umweltoekonomie/lehre/
Leistungsüberprüfung	Seminarleistung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	An- und Abmelden: Fakultät
Hinweise zur Leistungsüberprüfung	Students are required to write a seminar thesis based on existing scientific literature on their topic that includes an original contribution. This contribution can be either (a) a (small) extension of existing studies or (b) the application of existing results to a particular research question that involves connecting different studies and building your own argument. In addition, students are required to present their study, to comment on the study of at least one other student, and to contribute to the discussions during the seminar. Attendance is required.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	For students in the MA Business and Economics or the Master Economics and Public Policy: At least one of the following courses has been taken (or is taken in parallel): 14255 Environmental Economics (Krysiak) 29002 Electricity Markets (Weigt) 62655 Energy Economics (Weigt) 17691 International Trade, Resources and the Environment (Taylor) MSD-Students without a bachelor degree in economics/business and without focus area in economics are supposed to have completed the "Complementary Knowledge in Economics" module (MSD 2017). MSD-students with focus area in economics are required to have taken at least one of the courses mentioned above for students in the MA Business and Economics. More about the general prerequisites and the allocation process can be found here: https://wwz.unibas.ch/de/studium/master/masterseminare/



Anmeldung zur Lehrveranstaltung

The application for this seminar is done centrally and online from May 13 to June 10, 2024 with the Studiendekanat.
The link to the online application form and more information can be found here: <https://www.unibas.ch/en/studies/master/masters-seminar/>
The registration is binding. In case of non-participation after registration it will be noted as "nicht erschienen" in the transcript. For a break up after receiving a subject and title, there will be a "1.0" recorded. In addition, the priority of the wishes for future seminar applications is lost.

41957-01	+ Vorlesung: Advanced Econometrics		3 KP
Dozierende	Kurt Schmidheiny		
Zeit und Ort	Do 14:15-16:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S16 HG.39		
Datum	19.09.2024		
Intervall	wöchentlich		
Angebotsmuster	Jedes Herbstsemester		
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ		
Module	Modul: Core Courses in Data Science and Computational Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Core Courses in Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Field Electives in Economics and Public Policy (Masterstudium: Economics and Public Policy) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Specific Electives in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in Data Science and Computational Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in Economics (Masterstudium: Wirtschaftswissenschaften) Spezialisierungsmodul: Areas of Specialization in International and/or Monetary Economics (Masterstudium: International and Monetary Economics) Vertiefungsmodul: Quantitative Methods (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))		
Lernziele	This course is a supplement to the course "Econometrics" (12036) for ambitious students. The course follows the topics of Econometrics every week providing formal proofs and additional results using matrix algebra and asymptotic theory. The course is the basis for the more advanced MSc courses in econometrics.		
Inhalt	<ol style="list-style-type: none"> 1. Elements of matrix algebra: basic operations, trace, rank, inverse, eigenvalue and spectral decomposition 2. Elements of probability theory: random variables, joint, conditional and marginal distribution, expected value and other moments, change of variables 3. Elements of statistics: point estimation, interval estimation, hypothesis testing, large sample theory 4. The algebra of the multivariate linear regression: degrees of freedom, Gauss-Markov theorem, Frisch-Waugh-Lovell theorem 5. The algebra of instrumental variable estimation 6. The algebra of basic panel data methods: within and between transformation, testing for unrelated effects under non-spherical disturbances 7. Maximum Likelihood Estimation 8. Binary choice as an example of deriving estimators and their properties using maximum likelihood 		
Literatur	<ul style="list-style-type: none"> - Amemiya, Takeshi (1994), Introduction to Statistics and Econometrics, Harvard University Press. - Cameron, A. Colin and Pravin K. Trivedi (2005), Microeconometrics: Methods and Applications, Cambridge University Press. - Davidson, Russell and James G. MacKinnon (2004), Econometric Theory and Methods, Oxford University Press. - Hayashi, Fumio (2000), Econometrics, Princeton University Press. - Wooldridge, Jeffrey M. (2010), Econometric Analysis of Cross Section and Panel Data, 2nd Ed., MIT Press. 		
Weblink	http://www.schmidheiny.name/teaching/unibas/advmetrics/		
Leistungsüberprüfung	Leistungsnachweis		
Skala	1-6 0,1		
Wiederholungsprüfung	keine Wiederholungsprüfung		
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren		



Hinweise zur Leistungsüberprüfung

written exam: tbd

Belegen bei Nichtbestehen

beliebig wiederholbar

Einsatz digitaler Medien

kein spezifischer Einsatz

Unterrichtssprache

Englisch

Anmeldung zur Lehrveranstaltung

Registration: Please enroll in the Online Services (services.unibas.ch);

Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you can enroll for the course in the Online Services (services.unibas.ch).

Applies to everyone: Enrolment = Registration for the course and the exam!

65937-01 Vorlesung: Advanced Microeconomics

6 KP

Dozierende

Georg Nöldeke

Cédric Wasser

Zeit und Ort

Mo 08:15-10:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31

Do 08:15-10:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31

Datum

19.09.2024

Intervall

wöchentlich

Angebotsmuster

Jedes Herbstsemester

Anbietende Organisationseinheit

Wirtschaftswissenschaftliche Fakultät / WWZ

Module

Grundlagenmodul: Advanced Topics in Economics (Masterstudium: International and Monetary Economics)

Modul: Ausgewählte Themen aus Ökonomie und Rechtswissenschaft (Masterstudium: Actuarial Science)

Modul: Core Courses in Business and Economics (Masterstudium: Wirtschaftswissenschaften)

Modul: Core Courses in Economics (Masterstudium: Wirtschaftswissenschaften)

Modul: Field Electives in Economics and Public Policy (Masterstudium: Economics and Public Policy)

Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)

Modul: Specific Electives in Business and Economics (Masterstudium: Wirtschaftswissenschaften)

Modul: Specific Electives in Economics (Masterstudium: Wirtschaftswissenschaften)

Modul: Specific Electives in Finance, Controlling, Banking (Masterstudium: Wirtschaftswissenschaften)

Lernziele

Students understand the logic of microeconomic models and know important concepts and results relating to the four topics considered in the course. This prepares students to conduct further, independent studies of microeconomic theory as is required for (a) understanding the various elements of microeconomic theory that appear in almost all fields of economics or (b) writing a master thesis in microeconomic theory.

Inhalt

This course covers four of the topics at the core of modern microeconomic theory:

1. Consumer Theory. We first review the basic microeconomic model of individual decision making in the context of consumer choice, which models demand as a solution to a utility maximization problem, where utility in turn is viewed as a representation of preferences. In applications of consumer theory to fields such as industrial organization and marketing it is often essential to allow for some element of randomness in choice behavior. Hence, this part of the course will also offer an introduction to the kind of stochastic choice models considered in such applications.

2. Decision Under Uncertainty. Many economic decisions contain some element of uncertainty about the outcome of the choice that is made. To model this, most of economics relies on expected utility theory, which allows to capture attitudes towards risk in terms of properties of a so-called von Neumann-Morgenstern (VNM) utility function. This part of the course begins by discussing and illustrating this relationship between risk attitudes and the VNM utility function. It then turns to the foundations of expected utility theory and concludes by considering an extension of the theory that allows for the phenomenon of ambiguity aversion.

3. Social Choice. Social choice theory studies collective decision making, i.e., how individual opinions of members of a society can be combined (e.g., by voting) to reach a decision or a



ranking of alternatives. This part of the course introduces the basic concepts and covers Arrow's impossibility theorem, the Gibbard-Satterthwaite theorem, and single-peaked preferences.

4. Auctions and Mechanism Design. Which procedure should a seller use to maximize her revenue from selling a good? Should she simply post a price? Bargain? Run an auction? This part of the course introduces some of the tools from the theory of mechanism design that economists have developed to answer these and related questions. In doing so, we pay special attention to auctions as these can be used to both motivate and illustrate the theory.

Concepts: preferences, utility, optimal choice, risk and uncertainty, expected utility, risk and risk attitudes, subjective probability, ambiguity, aggregation of preferences, social welfare and social choice, strategy-proofness, games with asymmetric information, auctions and more general (selling) mechanisms, revenue equivalence, individual rationality, incentive compatibility, revelation principle, optimal mechanisms

Methods: Some Analysis (Sets, Functions, Convexity, Continuity, Compactness,...), Calculus, Static Optimization, Probability, Basic Logic

Literatur

Chapters 1, 2, 6, and 9 of the textbook «Advanced Microeconomic Theory» by Geoffrey Jehle and Philip Reny cover most of the content of the course at an appropriate level. Further references to relevant readings will be provided in the syllabus posted to ADAM at the beginning of the semester.

Leistungsüberprüfung

Leistungsnachweis

Skala

1-6 0,1

Wiederholungsprüfung

keine Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Anm.: Belegen Lehrveranstaltung; Abm.: stornieren

Hinweise zur Leistungsüberprüfung

Written exam: tbd

Belegen bei Nichtbestehen

beliebig wiederholbar

Einsatz digitaler Medien

kein spezifischer Einsatz

Unterrichtssprache

Englisch

Teilnahmevoraussetzungen

While there are no formal prerequisites, the course presumes the ability and willingness to engage with mathematical arguments at the level appropriate for students majoring in Economics within the MSc in Business and Economics. Consequently, it is strongly recommended that students take

18545-01 Advanced Mathematics for Economists

before attending this course. The two mathematical appendices in the textbook «Advanced Microeconomic Theory» by Geoffrey Jehle and Philip Reny provide a good review of the mathematical concepts most relevant for this course.

Prior exposure to the material covered in

10134-01 Intermediate Microeconomics

is advantageous but not presumed.

Anmeldung zur Lehrveranstaltung

Registration: Please enroll in the Online Services (services.unibas.ch);

Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html> After successful registration you can enroll for the course in the Online Services (services.unibas.ch).

Applies to everyone: Enrolment = Registration for the course and the exam!

62650-01 Vorlesung: Behavioral Science

3 KP

Dozierende

C. Miguel Brendl

Zeit und Ort

Mi 12:15-14:00 Chemie, Organische, Grosser Hörsaal OC

Datum

18.09.2024

Intervall

wöchentlich

Angebotsmuster

Jedes Herbstsemester

Anbietende Organisationseinheit

Wirtschaftswissenschaftliche Fakultät / WWZ



Module	Kernmodul: BWL (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021)) Modul: Fundamentals in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Fundamentals in Business and Technology (Masterstudium: Business and Technology) Modul: Fundamentals in Economics (Masterstudium: Economics and Public Policy) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies)
Lernziele	<ul style="list-style-type: none"> o Gain insights from behavioral research (social psychology, cognitive psychology, behavioral economics) into how people form judgments and make decisions o Improve your understanding of how managers, consumers, policy makers, entrepreneurs, and others make decisions. o Gain an alternative perspective to the prescriptions of "rational economics."
Inhalt	<p>The course focuses on human judgment and decision making from the perspective of the behavioral sciences, particularly psychology and behavioral economics. (The course does not require prior study of those areas however.)</p> <p>Using observations from laboratory and field experiments, behavioral scientists describe how people make decisions and the mental processes that lead to these decisions. The theory is heavily guided by observations from experiments. Behavioral Science seeks to understand and predict how people judge and decide and how human judgments align with those prescribed by logic and rational economics.</p>
Literatur	<p>To be determined. You will need to purchase some literature. I will post the literature you need to purchase by 1 September, both on the course webpage and here: https://adam.unibas.ch/goto_adam_crs_480685.html</p>
Leistungsüberprüfung	Examen
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	written exam: tbd
	repeat exam: tbd
	<p>IMPORTANT: For courses with a main lecture exam, a repeat exam is offered in addition to the regular examination date. This repeat examination can only be taken if the student has taken part in and failed the regular examination (grade < 4.0) see English translation of the study guide of our master programs by December 13, 2021: Paragraph 4.13.4.1.</p>
Belegen bei Nichtbestehen	einmal wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	No more ECTS may be earned with this lecture if the course 31960 Microeconomics and Psychology of Decision Making has already been successfully completed.
Anmeldung zur Lehrveranstaltung	Registration: Please enroll in the Online Services (services.unibas.ch);
	<p>Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: https://www.unibas.ch/de/Studium/Mobilitaet.html After successful registration you can enroll for the course in the Online Services (services.unibas.ch).</p>
	Applies to everyone: Enrolment = Registration for the course and the exam!
Bemerkungen	For some courses in the area of Behavioral Marketing you need to first take other courses. A master's thesis in this area also requires particular prior course work. You can find an overview here: https://www.unibas.ch/de/marketing/courses-masters-thesis/



Dozierende	Andrea Ghisletta Kurt Schmidheiny
Zeit und Ort	Mo 10:15-12:00 Vesalianum Seiteneingang, Grosser Hörsaal (EO.16) Do 10:15-12:00 Pharmazentrum, Hörsaal 1
Datum	19.09.2024
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Grundlagenmodul: Advanced Topics in Economics (Masterstudium: International and Monetary Economics) (Pflicht) Kernmodul: VWL (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021)) (Pflicht) Modul: Field Electives in Finance and Money (Masterstudium: Finance and Money) Modul: Fundamentals in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Fundamentals in Business and Technology (Masterstudium: Business and Technology) Modul: Fundamentals in Economics (Masterstudium: Economics and Public Policy) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Lernziele	This course provides students with the basic econometric tools for cross-section and panel data. It is an applied course preparing students to both conduct own empirical research projects and assess empirical research papers. Each of the discussed tools will be implemented using standard statistical software (Stata or R) and real world data. Students will learn how to choose the adequate statistical method, discuss its identifying assumptions, correctly interpret its results and to translate them into economically meaningful answers. This course is supplemented by the course "Advanced Econometrics" (41957) which provides formal proofs and additional results.
Inhalt	Outline: 1. Causal effects and the logic of randomized experiments 2. Linear regression: Estimation, small and large sample properties, hypothesis testing, omitted variable bias, model selection, functional form, heteroscedasticity, autocorrelation, clustering 3. Instrumental variable estimation: Estimation, identification, weak instruments 4. Panel data: fixed effects, random effects 5. Maximum likelihood estimation 6. Binary choice: probit and logit
Literatur	Any textbook in econometrics covers the topics developed in this course. The technical level of this course will be closer to the introductory text- books. However, students with a strong mathematical background may find the advanced textbook more appropriate. The two companions are not self-contained textbooks but useful to deepen the intuitive understanding. Introductory textbook: - Stock, James H. and Mark W. Watson (2020), Introduction to Econometrics, 4th Global Edition, Pearson. Advanced textbooks: - Cameron, A. Colin and Pravin K. Trivedi (2005), Microeconometrics: Methods and Applications, Cambridge University Press. - Davidson, Russell and James G. MacKinnon (2004), Econometric Theory and Methods, Oxford University Press. - Hayashi, Fumio (2000), Econometrics, Princeton University Press. - Wooldridge, Jeffrey M. (2010), Econometric Analysis of Cross Section and Panel Data, 2nd ed., MIT Press. Companion textbooks: - Angrist, Joshua D. and Jorn-Steffen Pischke (2009), Mostly Harmless Econometrics: An Empiricist's Companion, Princeton University Press.
Weblink	https://www.schmidheiny.name/teaching/unibas/econometrics/
Leistungsüberprüfung	Examen
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	There will be a final exam and eight online tests. The online tests will be graded on a pass / fail basis. You must pass at least five out of the eight online tests in order to be allowed to the final exam. If you do not fulfill this requirement, you will be excluded from the final exam and deregistered from the course in the online services. The grade will solely be determined by



the final exam.

written exam: tbd

repeat exam: tbd

IMPORTANT:

For courses with a main lecture exam, a repeat exam is offered in addition to the regular examination date. This repeat examination can only be taken if the student has taken part in and failed the regular examination (grade < 4.0) see study guide of our master programs by December 13, 2021: Paragraph 4.13.4.1.

Belegen bei Nichtbestehen
Einsatz digitaler Medien
Unterrichtssprache
Teilnahmevoraussetzungen

einmal wiederholbar

kein spezifischer Einsatz

Englisch

Prerequisites:

Completed BA in Business and Economics and basic knowledge in statistics, particularly the linear regression model

Anmeldung zur Lehrveranstaltung

Registration: Please enroll in the Online Services (services.unibas.ch);

Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you can enroll for the course in the Online Services (services.unibas.ch).

Bemerkungen

Applies to everyone: Enrolment = Registration for the course and the exam!

Students who plan to take other courses in econometrics should also follow the course "Advanced Econometrics" (41957) along with "Econometrics" (12036).

41904-01 Vorlesung: Industrial Organization

3 KP

Dozierende

Catherine Roux

Zeit und Ort

Fr 10:30-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31

Datum

20.09.2024

Intervall

wöchentlich

Angebotsmuster

Jedes Herbstsemester

Anbietende Organisationseinheit

Wirtschaftswissenschaftliche Fakultät / WWZ

Module

Modul: Business Field: Strategy and Organization (Masterstudium: Business and Technology)

Modul: Field Electives in Economics and Public Policy (Masterstudium: Economics and Public Policy)

Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)

Modul: Policy Field: Competition and Regulation (Masterstudium: Economics and Public Policy)

Vertiefungsmodul: Markets and Public Policy (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))

Lernziele

-Understand and explain the workings and implications of the theoretical IO models.

-Connect the theoretical insights with practical applications.

-Analyze effects of government policy on competition outcomes.

-Understand and explain how assumptions relate to conclusions in IO theory.

Inhalt

Content:

The course familiarizes students with various topics of modern industrial organization. We analyze the role of imperfectly competitive markets for firms' strategic decisions on, for example, product differentiation, advertising and price discrimination. We also examine the firms' responses to changes in the market environment. Main analytical tools will be microeconomic theory and game theory.

Literatur

Belleflamme, Paul and Martin Peitz (2010). "Industrial Organization - Markets and Strategies". Cambridge University Press, New York.

Weblink

<https://adam.unibas.ch>

Leistungsüberprüfung

Leistungsnachweis

Skala

1-6 0,1

Wiederholungsprüfung

keine Wiederholungsprüfung



**An-/Abmeldung zur Prüfung
Hinweise zur Leistungsüberprüfung**

Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Grading is based on a written final exam (60%) and two homeworks (20%).
homework 1: 20%, homework 2: 20%. written exam / 60%:

**Belegen bei Nichtbestehen
Einsatz digitaler Medien
Unterrichtssprache
Teilnahmevoraussetzungen**

written exam: tbd
beliebig wiederholbar
kein spezifischer Einsatz
Englisch
Prerequisites:
Completed Bachelor in Business and Economics
A solid background in microeconomics is required. Knowledge in game theory and industrial organization is helpful.

Anmeldung zur Lehrveranstaltung

Registration: Please enroll in the Online Services (services.unibas.ch);

Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you can enroll for the course in the Online Services (services.unibas.ch).

Applies to everyone: Enrolment = Registration for the course and the exam!

34505-01	Vorlesung: International Environmental Risks: Corporate & Government Management Strategies	3 KP
Dozierende	John Wargo	
Zeit und Ort	Mo 09:30-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31	
Datum	19.08.2024	
Intervall	täglich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Field Electives in Economics and Public Policy (Masterstudium: Economics and Public Policy) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Specific Electives in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Wahlbereich (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021)) Vertiefungsmodul Global Europe: Global Ageing and Health (Masterstudium: European Global Studies) Vertiefungsmodul Global Europe: Handel und Unternehmen in der Globalisierung (Masterstudium: European Global Studies) Vertiefungsmodul Global Europe: Staatlichkeit, Entwicklung und Globalisierung (Masterstudium: European Global Studies) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)	
Lernziele	You will learn to judge the effectiveness of diverse environmental laws to reduce or eliminate risks to the environment and health. You will also learn the potential of private sector and public-private partnerships to voluntarily reduce environmental and health threats. You will learn the vulnerabilities of national environmental laws, and the fragility of international environmental agreements given their often-limited adoption by major economic powers, and their restricted ability to enforce treaty requirements.	
Inhalt	This graduate course examines globally significant environmental risks transcending national boundaries. Problems considered include carbon emissions, air pollution, drinking water, food safety, land use conflicts, biotechnology, and tropical forest loss. In each case we explore risks of environmental and health damages, as well as the potential effectiveness of diverse forms of regulation. These include prohibitions, contamination ceilings, disclosure requirements, monitoring & enforcement, tariffs, taxation, subsidies, pollution offsets and trading rights, intellectual property rights, burden to prove safety or excessive risk. We also examine voluntary corporate management programs including investments in carbon and chemical use reductions; evolving ESG metrics; transparency initiatives among the largest food companies (Nestle, Pepsico); private sector certification programs in food production (RSPO), textiles (GOTS, OEKO-TEX), and building materials (LEED); efforts to reduce single-use plastics and increase use of recycled materials (UNILEVER); design of less risky	



Literatur	pesticides (DOW Green Bond); drone surveillance in agriculture to monitor strategic application of fertilizers, pesticides and irrigation to problem areas; IKEA's and Oreal's voluntary efforts to eliminate toxic ingredients from their product lines; incentives to encourage restoration and reuse of hazardous sites, restoring lost land value. All readings will be posted on a Google Drive: ● Only the first 3 readings for each day are required, others are optional. ● All are available at no cost. ● Please complete the readings before the course begins!
Weblink	https://www.unibas.ch/de/studium/summer-school/courses/
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	An- und Abmelden: Fakultät
Hinweise zur Leistungsüberprüfung	You are expected to attend every class. Final grades will be determined as follows: tbp.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Recommended prerequisites: Solid understanding of business and economics on the bachelor level. The following courses are helpful. Environmental and Resource Economics (10160) or 10160 Introduction to Environmental Economics and 71004 Resource Economics Public Choice and Public Economics (10148) Globalization and European Integration (Globalisierung und europäische Integration, 34504) Please register by sending an email to summerschool-www@unibas.ch no later than by June 30, 2024. All further information can be found on the website of the Summer School. The enrollment for the course is at the same time the final registration for the exam!
Anmeldung zur Lehrveranstaltung	

43030-01	Vorlesung: Public Opinion and Science Communication	3 KP
Dozierende	Aya Kachi	
Zeit und Ort	Mi 16:15-18:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31	
Datum	18.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Core Courses in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Field Electives in Economics and Public Policy (Masterstudium: Economics and Public Policy) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Policy Field: Environment and Energy (Masterstudium: Economics and Public Policy) Modul: Specific Electives in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Vertiefungsmodul: International Trade, Growth and the Environment (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021)) Modul: Vertiefung Politikwissenschaft M.A. (MSF - Politikwissenschaft)	
Lernziele	This course aims to understand the mechanisms behind people's (policy) attitude-formation and communication that influences it. Concerning substantive topics, our focus will first be on energy and climate policy. Later, we will broaden our scope to other policy areas. In the end, we will apply our understanding of public opinion and science communication to the cases of corporate activities. Overall, one should realize that science can inform our decision-making effectively in any setting of our life and career.	
Inhalt	In this course, we learn essential topics and empirical methods in the (sub)fields of public opinion and science communication. Formerly, we called this course "Energy and Climate Policy: Citizens' Perceptions."	

So-called public opinion scholars have been intrigued by questions like why individuals hold different perceptions about policies, technologies, or products and how these perceptions might influence their support (acceptance) for these objects. The field of science communication (or the science of science communication) has zoomed in to one of the



trickiest determinants of people's perceptions and decision-making: people's knowledge, information-seeking behavior, and their "interactions" with scientific evidence. As you can easily imagine, to understand the nature of such communication, we must also consider how scientific findings are "chosen," understood, interpreted, and reported by some other actors as well, such as policy proposers, industry, and the media. As much as we can within a limited amount of time, we will touch upon these issues, too.

The course consists of three parts.

(1) In the first part, we draw on the public opinion literature, specifically in the energy and environmental policy domain. Based on the literature, we will learn what influences people's beliefs and attitudes. This segment will pay significant attention to the empirical methodologies used in the literature, mainly survey and survey experiment methods.

(2) In the second (and a shorter) segment, we will move to the topic of the science of science communication. Like the first segment, we rely on the literature to learn what tends to prevent people from using scientific evidence to make well-informed decisions. In this segment, our substantive focus goes beyond energy and environment (simply due to the diverse focus of the subfield).

(3) During the last few weeks, we will shift our gear and work on business cases (group work). This activity also serves as your final assignment (project) for the course. Each group will choose a business case to work on (from a selection of established cases published by Harvard Business Publishing: <https://hbsp.harvard.edu/cases/>). Contrary to our earlier focus on policies, now the relevant decision-making of our emphasis is business-related decisions. However, the way we will use Harvard Business Cases will be slightly "exotic." Instead of evaluating a person's or firm's financial and strategic motives, we will evaluate whether their (the protagonists') decisions could have been improved if they used different strategies to understand their stakeholders' reactions (opinions/perceptions) or communication with them. Our purpose is to apply what we learned from the literature to various decision-making cases in the real world.

Literatur

Reading materials are mainly from published scholarly articles and reports by international organizations. In the case study part, we will use Harvard Business cases. All relevant reading materials will be provided for download.

Weblink

<https://adam.unibas.ch>

Leistungsüberprüfung

Leistungsnachweis

Skala

1-6 0,1

Wiederholungsprüfung

keine Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Anm.: Belegen Lehrveranstaltung; Abm.: stornieren

Hinweise zur Leistungsüberprüfung

There will be no final examination for this course. Your final grade (1.0 - 6.0) will be determined by a combination of:

- (1) Active participation and a self-assessment report on participation,
- (2) an article summary (giving a presentation and leading class discussions in group), and
- (3) case study (in group, using Harvard Business Case) as the final assignment.

All of them will take place during the semester.

Belegen bei Nichtbestehen

beliebig wiederholbar

Einsatz digitaler Medien

kein spezifischer Einsatz

Unterrichtssprache

Englisch

Teilnahmevoraussetzungen

No special requirements. Basic knowledge about statistics and regressions is necessary.

Anmeldung zur Lehrveranstaltung

Registration: Please enroll in the Online Services (services.unibas.ch);

Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you can enroll for the course in the Online Services (services.unibas.ch).

Bemerkungen

Applies to everyone: Enrolment = Registration for the course and the exam!

This course is suitable only for the students who actively participate in every lesson through a presentation and class discussions. Your learning and the instructor's teaching take place mainly through the discussions of reading materials.



70817-01	Vorlesung: Sustainability Assessment	2 KP
Dozierende	Frank Christian Krysiak Annika Sohre	
Zeit und Ort	Mo 16:15-18:00 - Online Präsenz - Will start in October 24, for details regarding dates and rooms see online course directory section "dates and rooms". Final assessment: Details tba.	
Datum	14.10.2024	
Intervall	wöchentlich	
Angebotsmuster	einmalig	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)	
Lernziele	- Developing an understanding of the theoretical and methodological foundations of sustainability assessment - Development of an overview of the available methods and requirements of sustainability assessment - Ability to independently apply the methods developed in three specific case studies	
Inhalt	In recent years, sustainability has increasingly gained a place as a relevant target dimension for companies, politics and society. The sustainability-related effects of projects, policies, laws or business endeavors must be taken into account in the planning, controlling of and reporting on the respective measures. To achieve this, various methods and instruments are used, which are summarized under the term sustainability assessment. A sustainability assessment can be used to check at an early stage whether a project is compatible with the goals of sustainable development. The expected positive and negative effects of the project on the environment, society and the economy as well as on the corresponding subject areas of these three dimensions are systematically recorded and transparently presented. The lecture is offered jointly by the University of Basel and the University of Natural Resources and Life Sciences, Vienna (BOKU) and provides participating students with the theoretical and methodological foundations of sustainability assessment, an overview of the available methods (2) and a practical application of these methods in the context of three specific case studies (3).	
Leistungsüberprüfung	Leistungsnachweis	
Skala	Pass / Fail	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren	
Hinweise zur Leistungsüberprüfung	Final assessment: Details tba.	
Belegen bei Nichtbestehen	nicht wiederholbar	
Einsatz digitaler Medien	Online-Veranstaltung	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Access for master's students only.	
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).	
Bemerkungen	Schedule: The class will start in mid-October. For details see online course directory section "dates and rooms". The lecture is organized by the MSD, in cooperation with University of Basel, University of Natural Resources and Life Sciences, Vienna (BOKU), EUCOR and Epicur (funding).	
68986-01	Vorlesung: Sustainable Finance	3 KP
Dozierende	Yuna Heo	
Zeit und Ort	Do 14:15-16:00 Wirtschaftswissenschaftliche Fakultät, Auditorium	
Datum	19.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	



Module	<p>Modul: Field Electives in Finance and Money (Masterstudium: Finance and Money) Modul: Finance Field: Financial Markets and Asset Pricing (Masterstudium: Finance and Money) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Specific Electives in Finance, Controlling, Banking (Masterstudium: Wirtschaftswissenschaften) Vertiefungsmodul Global Europe: Handel und Unternehmen in der Globalisierung (Masterstudium: European Global Studies) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)</p>
Lernziele	<p>At the end of this course, students will be able to:</p> <ul style="list-style-type: none">- Explain environmental, social and governance policies their importance.- Demonstrate and apply the stages of sustainable finance and policy and technology uncertainties.- Critically analyze and the changing objectives of corporates in the context of market shorttermism.- Analyze why and how companies should connect sustainability to their competitive positions.- Connect and apply corporate sustainability performance with corporate financial performance.- Explain and connect business models, intangible assets, and strategies to incorporate environmental, social and governance initiatives.- Explain the benefits and limitations of traditional internal and external reporting in the context of environmental, social and governance.- Illustrate the importance of regulation, corporate ethics, and compliance.
Inhalt	<p>This course provides a conceptual and theoretical framework of how sustainable finance and investment issues affect companies, investors, and other stakeholders. Capital market participants around the world are increasingly focusing on sustainability to manage risks and capitalize on new opportunities. It includes the incorporation of sustainable factors into stock valuation and selection processes, as well as shareholder engagement strategies. It also includes the practices to the management of environmental and climate change-related risks. The goal of this course is to provide students with a firm grounding in the range of issues in sustainability and the application of finance to address it. The course introduces how established practices, procedures, and tools from within the mainstream financial and corporate markets are being adapted to integrate a lens of sustainability in the pursuit of financial performance goals from both an investor and corporate perspective. This course explores the research, projected outcomes, multistakeholder collaborations, and signals of future actions to address them. This course will be useful for a wide range of finance and other professions.</p>
Literatur	<p>-Lecture notes: I will place the lecture notes on ADAM.</p> <p>-Textbook: There is no required textbook for this course. The lecture notes and reading materials will keep you more than busy. In case you want to have an optional textbook, I would recommend "Environmental Finance: A Guide to Environmental Risk Assessment and Financial Products" (by Labatt and White). If you are looking for additional reading, there is a book published in 2020 "Grow the Pie. How Great Companies Deliver Both Purpose and Profit" (by Edmans).</p> <p>-Further reading materials: The recommended reading materials such as research papers and cases will be added for each session.</p>
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	written exam: tbd
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Prerequisite courses: 65939 Finance or 68992 Advanced Corporate Finance



Anmeldung zur Lehrveranstaltung

Registration: Please enroll in the Online Services (services.unibas.ch);

Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you can enroll for the course in the Online Services (services.unibas.ch).

Bemerkungen

Applies to everyone: Enrolment = Registration for the course and the exam!
The course will be taught "in class".

62651-01

Vorlesung: Theory of the Firm

3 KP

Dozierende

Catherine Roux

Zeit und Ort

Fr 12:30-14:00 Wirtschaftswissenschaftliche Fakultät, Auditorium

Datum

20.09.2024

Intervall

wöchentlich

Angebotsmuster

Jedes Herbstsemester

Anbietende Organisationseinheit

Wirtschaftswissenschaftliche Fakultät / WWZ

Module

Kernmodul: BWL (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))
Modul: Fundamentals in Business and Economics (Masterstudium: Wirtschaftswissenschaften)
Modul: Fundamentals in Business and Technology (Masterstudium: Business and Technology)
Modul: Fundamentals in Economics (Masterstudium: Economics and Public Policy)
Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)

Lernziele

Why do firms exist? Why are firms organized the way they are? Traditional economic models leave little room for firms or other organizations as they focus on market exchange between individuals.
This course will introduce students to microeconomic models that try to explain the existence and structure of firms as we observe them in the real world. Economics brings a rigorous approach that is grounded in theory. The course will provide a basic understanding of economic approaches to modeling and understanding aspects of firms, their structure, the behavior they create, and how they differ from market interaction.
About half of the course will be based on the standard textbook by Milgrom and Roberts, the other half will consist of influential articles on the economics of organizations, by authors such as Coase, Williamson, Hart, and Tirole.

Inhalt

- Markets and Prices as Coordination and Incentive Devices
- Transaction Costs
- Property Rights Approach
- Team Production
- Asymmetric Information
- Incentive Contracts
- Efficiency Wages

Literatur

The readings will consist of both scholarly research articles and chapters from the textbook, Economics, Organization and Management, by Paul Milgrom and John Roberts (1992, Prentice Hall). Both kinds of readings will be made available online.

Leistungsüberprüfung

Examen

Skala

1-6 0,1

Wiederholungsprüfung

eine Wiederholung, bester Versuch zählt

An-/Abmeldung zur Prüfung

Anm.: Belegen Lehrveranstaltung; Abm.: stornieren

Hinweise zur Leistungsüberprüfung

written exam: tbd

repeat exam: tbd

IMPORTANT:

For courses with a main lecture exam, a repeat exam is offered in addition to the regular examination date. This repeat examination can only be taken if the student has taken part in and failed the regular examination (grade < 4.0) see study guide of our master programs by December 13, 2021: Paragraph 4.13.4.1.

Belegen bei Nichtbestehen

einmal wiederholbar

Einsatz digitaler Medien

kein spezifischer Einsatz

Unterrichtssprache

Englisch



Teilnahmevoraussetzungen	Completed Bachelor in Business and Economics. No more ECTS may be earned with this lecture if the course 40106 Game Theory and Theory of the Firm has already been successfully completed.
Anmeldung zur Lehrveranstaltung	Registration: Please enroll in the Online Services (services.unibas.ch); Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: https://www.unibas.ch/de/Studium/Mobilitaet.html After successful registration you can enroll for the course in the Online Services (services.unibas.ch). Applies to everyone: Enrolment = Registration for the course and the exam!
Bemerkungen	

Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften

57245-01	Kolloquium: Sustainability Science Research (social dimension)	1 KP
Dozierende	Janina Grabs	
Zeit und Ort	Do 10:15-12:00	
Datum	19.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Semester	
Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
Module	Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Changing Societies Lab (MSG - Changing Societies: Migration – Conflicts – Resources)	
Lernziele	Participants have in-depth knowledge about thematic and methodological aspects of social science research on sustainability.	
Inhalt	Based on the presentation of ongoing research projects (master's theses), students analyze and discuss thematic and methodological questions related to current disciplinary and interdisciplinary research on sustainability. The detailed program is set in the first session.	
Leistungsüberprüfung	Lehrveranst.-begleitend	
Skala	Pass / Fail	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren	
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, active participation, oral presentations. Details according to information of lecturer.	
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Only for students of the MSD with focus area in social science and of the Master in Changing Societies.	
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).	
Bemerkungen	Mandatory for all MSD-students who have chosen the focus area in social sciences (credits are earned once for the module "Preparation Master's Thesis in Social Sciences" = no repeated course registration possible). Enrollment and presentation according to agreement with Prof. Dr. Janina Grabs (available as of June 24), Dates according information in the section "dates and rooms." This colloquium is offered by the MSD. Prof. Dr. Janina Grabs (head of the Sustainability Research Group, Dep. Social Sciences, Faculty of Humanities and Social Sciences, available as of June 24).	



Dozierende	Janina Grabs Patricia Holm Frank Christian Krysiak
Zeit und Ort	Mo 08:00-10:00 Vesalium, Seminarraum (O2.02)
Datum	16.09.2024
Intervall	einmalig
Angebotsmuster	Jedes Semester
Anbietende Organisationseinheit	Departement Umweltwissenschaften
Module	Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Lernziele	The students - know how to prepare a research proposal for their master's thesis in a structured, systematic and scientific manner; - know how to identify a valuable research topic in the field of sustainable development, to develop a related research question directed to a contribution to the scientific debate as well as designing a research approach (e.g. choice of methods) directed to answering the research question; - are able to characterize intersections between their approach and other disciplines as well as intersections with non-academic fields (such as politics, business etc.); - are familiar with formal requirements for a master's thesis (correct citation, presentation of graphs, figures, results, plagiarism etc.).
Inhalt	<p>Writing a master's thesis related to a topic of sustainability is the masterpiece of the MSD study program. Students are expected to use productively their acquired knowledge (in terms of methods and sustainability related content) for analyzing a specific topic. However, developing a research design that copes with scientific scrutiny and accuracy is by far not an easy endeavour. Questions like 'How can I find an interesting topic?' or 'According to which criteria should I decide to go for a specific method?' or - and most important - 'Why and how do I have to link my research design to the ongoing scientific discourse?' are waiting to be answered.</p> <p>This course is thought to support the students in developing their research proposal in a structured, systematic and scientific manner. Students get familiar with necessary elements of a master thesis: problem framing, introduction, background, aims, hypothesis, research questions, methods, results, discussion, reflection/contribution to the scientific debate etc. Students also learn how they can identify a valuable research topic in the field of sustainable development. Some elements are thereby generic, i.e. independent of a specific disciplinary perspective. Other elements are, to the contrary, highly dependent on the chosen disciplinary field. Other elements are concerned with capturing intersections between the field.</p> <p>Against this backdrop, the class will be jointly given by the three teachers at the beginning, when it comes to unfold the generic components. Subsequently the class will be split into three groups and the students will develop their research proposal along the specific requirements according to their own focus areas.</p>
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, presentation. Outline of master's thesis' research design according to information of lecturers.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Exclusively for MSD-students. Students of the IJSD may attend the course according to the agreement with MSD responsible contact person. No other students admitted.
Anmeldung zur Lehrveranstaltung	Course enrollment on MoNA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).



Bemerkungen

Mandatory course for all students of MSD 2017 ("Preparation Master's Thesis" module). Students with focus area in natural science have to list this course in the learning agreement for the "Preparation Master's Thesis" module (template available on the website MSD/downloads MSD 2017). For details see guidelines and medium-term syllabus.

Plenary meetings for all participants on Mondays, 08:15 to 10:00 am on the following dates: 16. September.; 30. September, 21. October & 04. November 24.

Meetings in between in groups according to the announcements of responsible teaching member.

The lecture is offered by the MSD. Prof. Dr. Patricia Holm,, Prof. Dr. Janina Grabs (as of June 24) and Prof. Dr. Frank Krysiak (lead of this lecture) are members of the MSD teaching committee.

46737-01	Seminar: Experimental Research Methods in Social Science	3 KP
Dozierende	Iljana Schubert	
Zeit und Ort	Mi 12:15-14:00 Bernoullistrasse 14/16, Kleiner Seminarraum 02.001	
Datum	18.09.2024	
Intervall	wöchentlich	
Angebotsmuster	unregelmässig	
Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
Module	Modul: Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Erweiterung Gesellschaftswissenschaften M.A. (MSF - Politikwissenschaft) Modul: Methoden der Soziologie und der Gesellschaftswissenschaften: quantitativ (MSF - Soziologie) Modul: Methods for Analyzing Changing Societies (MSG - Changing Societies: Migration – Conflicts – Resources)	
Lernziele	To understand what experimental research methods are and how to design experiments in social sciences. Gain some experience designing experiments, collecting some data and understanding basic analysis.	
Inhalt	This seminar will teach different experimental research techniques, such as lab experiments, field experiments and survey experiments, in the social sciences. It will include practical aspects which will focus on design, data collection and basic data analysis. Each seminar session will be divided into individual presentations and group work to develop, collect data on and analyse a small scale experiment within groups of 2-4 people.	
Literatur	tba in class	
Leistungsüberprüfung	Lehrveranst.-begleitend	
Skala	1-6 0,1	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren	
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings. Individual presentation and small group experimental research project report. Details according to information of I. Schubert.	
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Special course inscription required for ALL (for details see 'course application' or 'Anmeldung').	

Limited number of participants (15), Students of the MSD and JIDSD have a first priority, those of the mentioned fields of study (see list of modules) have a second priority. If you study something different, you must do a master degree within the Department of Social Sciences/Faculty of Humanities and Social Sciences and may attend the seminar in case of vacancies (=third priority). MSD students who have chosen the focus area in natural sciences or in economics must have completed the 'Complementary Knowledge in Social Sciences' module (at least 8 CP).



Anmeldung zur Lehrveranstaltung	<p>Please note entry requirements. For details see section "admission requirements".</p> <p>Mandatory application for ALL! Link open from 14. August 24/noon: https://adam.unibas.ch/goto_adam_crs_544052.html Login and application only possible with open link. Link guides to the ADAM website, you still must do the login.</p> <p>First emails with confirmation of participation will be sent out in week 36. In case of vacancies the online application link remains open until 26. September 24/noon.</p>
Bemerkungen	<p>Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).</p> <p>Please note entry requirements and mandatory course application procedure (additional to registration on MOnA). For details see online course directory/section "application" = Anmeldung.</p> <p>MSD 2017 Students who have chosen the focus area in natural sciences or in economics transfer the CP to the FASR module (learning agreement, template available on the website MSD/downloads MSD 2017). For the students with focus area in social science it's mandatory to attend one class in methods, see information in the medium-term syllabus. If they attend this seminar on a voluntary base, they can accredit the CP either for the published module or transfer them to the FASR module (learning agreement).</p> <p>This seminar is offered by MSD. Dr. Iljana Schubert is a senior researcher and lecturer of the Sustainability Research Group, Dep. Social Sciences, Faculty of Humanities and Social Sciences. She holds a teaching assignment.</p>

31938-01	Seminar: Qualitative Data Analysis in African Studies	3 KP
Dozierende	Elisio Macamo	
Zeit und Ort	Mi 10:15-12:00 Rheinsprung 21, Seminarraum 00.002	
Datum	18.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Fachbereich Soziologie	
Module	Modul: Advances in Epidemiology, Statistics and Global & Public Health (Masterstudium: Epidemiologie) Modul: Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Methoden der Near & Middle Eastern Studies und der Gesellschaftswissenschaften (MSF - Near & Middle Eastern Studies) Modul: Methoden der Soziologie und der Gesellschaftswissenschaften: qualitativ (MSF - Soziologie) Modul: Fields: Knowledge Production and Transfer (MSG - African Studies) Modul: Research Skills (MSG - African Studies) Modul: Methods for Analyzing Changing Societies (MSG - Changing Societies: Migration – Conflicts – Resources) Modul: Areas: Afrika (MSG - Europäische Geschichte in globaler Perspektive)	
Lernziele	Students learn the methods of qualitative data analysis by apprehending the following skills: - Differentiate qualitative analysis procedures from quantitative analysis - Preparing empirical data for qualitative analysis - Identifying correct approaches in accordance to your empirical data and research question - Analyzing qualitative data	
	Studierende werden mit den Methoden der qualitativen Analyse vertraut gemacht. Sie sollen die Fähigkeit erwerben: - Qualitative Analyseverfahren in ihrer Eigenart von quantitativen Analyseverfahren zu unterscheiden; - Empirische Daten für die qualitative Analyse vorzubereiten; - Passende Ansätze der qualitativen Datenanalyse für Datenmaterial und Fragestellung zu identifizieren; - Daten qualitativ auszuwerten.	



Inhalt	<p>The course introduces students to the tools and methodologies of qualitative research and its epistemological foundations. Participants will collect data, that is going to be used during the course to illustrate the different steps of analyzing qualitative data: compiling, disassembling and reassembling data; recombining data segments and finally the construction of typologies. A special emphasis is put on the techniques of transcribing, coding and categorizing, that are going to be applied for the purpose of practicing.</p> <p>Das Seminar wird in englischer Sprache durchgeführt. Es führt die Studierenden in die Erkenntnistheorie, Techniken und Verfahren der qualitativen Datenanalyse ein. Grundlage für das Seminar werden Daten bilden, die im Rahmen der Lehrveranstaltung erzeugt werden und dazu eingesetzt werden sollen, wichtige Schritte der qualitativen Auswertung zu veranschaulichen: die Aufbereitung von Daten; das Auseinandernehmen von Daten; die Zusammenführung von Datensegmenten und, schliesslich, die Typenbildung. Besonders betont werden Techniken des Transkribierens, Kodierens und der Kategorienbildung, die mit den im Rahmen der Veranstaltung erzeugten Daten Gegenstand von praktischen Übungen sein werden.</p>
Literatur	<p>Creswell, John W. 2007: Qualitative Inquiry and Research Design – Choosing among Five Approaches. Sage. London. Dey, Ian 1993: Qualitative Data Analysis – A User-Friendly Guide for Social Scientists. Routledge. London. Miles, Matthew, B. Huberman, Michael A. An Expanded Sourcebook – Qualitative Data Analysis. Sage. London. Saldana, Johnny 2009: The Coding Manual for Qualitative Researchers. Sage. London. Yin, Robert K. 2011: Qualitative Research from Start to Finish. The Guildford Press. New York</p>
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: nicht erforderlich
Hinweise zur Leistungsüberprüfung	Presentation: participants are required to submit three written reading responses during the semester.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch

48555-01	Seminar: Research Methods in Social and Political Science	3 KP
Dozierende	Daniel Höhmann	
Zeit und Ort	Do 14:15-15:45 Bernoullistrasse 14/16, Seminarraum 02.004	
Datum	19.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Fachbereich Politikwissenschaft	
Module	Modul: Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Theorien und Methodologien der Kulturanthropologie (MSF - Kulturanthropologie) Modul: Methoden der Near & Middle Eastern Studies und der Gesellschaftswissenschaften (MSF - Near & Middle Eastern Studies) Modul: Empirische Forschungsmethoden der Politikwissenschaft und der Gesellschaftswissenschaften (MSF - Politikwissenschaft) Modul: Methoden der Soziologie und der Gesellschaftswissenschaften: quantitativ (MSF - Soziologie) Modul: Fields: Knowledge Production and Transfer (MSG - African Studies) Modul: Research Skills (MSG - African Studies) Modul: Methods for Analyzing Changing Societies (MSG - Changing Societies: Migration – Conflicts – Resources)	
Lernziele	<ul style="list-style-type: none"> - Learn the most important statistical estimation techniques for political scientists. - Learn how to use model diagnostics to improve the model. - Learn how to graphically represent the model to better convey the results to the audience during presentations or to readers in papers. 	
Inhalt	<p>This course is designed for students interested in quantitative research methods and statistical analysis who already possess some basic knowledge about statistics and, if possible, regression analysis. In the first three weeks of the course, we revisit some of the fundamentals of statistical inference (such as the Central Limit Theorem, hypotheses tests, etc.) to offer students with limited statistical background the possibility to catch up with the required knowledge. Next, we cover the classical linear regression model, the assumptions we make when running such a model, and how violations of these assumptions can be detected and</p>	



fixed. In the next section of the course we will discuss maximum likelihood estimation and then apply this technique to binary and categorical dependent variables (logit, probit, count models, etc.). The focus of the course is not on mathematics, but to give students an intuition of how the different modelling techniques actually work. At the end of the course participants should be able to apply the covered material to their own research. In addition, students should learn how to graphically present the results of the models for professional publications.

Literatur	- Kellstedt, Paul & Guy Whitten (2013). The Fundamentals of Political Science Research. Cambridge: Cambridge University Press. - Weelan, Charles (2013). Naked Statistics. Stripping the Dread from the Data. New York: W.W. Norton. - Lewis-Beck, Colin and Michael Lewis-Beck (2016). Applied Regression: An Introduction. London: Sage. - Best, Henning & Christof Wolf (2015). The SAGE Handbook of Regression Analysis and Causal Inference. Sage: London.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	1-6 0,5
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: nicht erforderlich
Hinweise zur Leistungsüberprüfung	To pass the seminar, students have to write a term paper that uses any publicly available data set to demonstrate their ability to conduct a data analysis.
Belegen bei Nichtbestehen	All Seminars will be graded in the Department of Political Science. Grading scale 6.0 to 1.0, whereupon 4.0 is a pass.
Einsatz digitaler Medien	beliebig wiederholbar
Unterrichtssprache	kein spezifischer Einsatz
Teilnahmevoraussetzungen	Deutsch - Knowledge of introductory statistics. In the first three weeks of the course, we revisit some of the fundamentals of statistical inference (such as the Central Limit Theorem, hypotheses tests, etc.) to offer students with limited statistical background the possibility to catch up with the required knowledge.)
Anmeldung zur Lehrveranstaltung	Priority will be given to students of Political Science and Sociology. If there are more students than places in this first session, we will distribute the places according the date of registration to the course in Mona. durch Belegen in MOnA
Bemerkungen	Attention: Priority will be given to students of Political Science and Sociology. If there are more students than places in this first session, we will distribute the places according the date of registration to the course in Mona. All Seminars will be graded in the Department of Political Science. Grading scale 6.0 to 1.0, whereupon 4.0 is a pass.

49855-01	Tutorat: Research Methods in Social and Political Science	2 KP
Dozierende	Daniel Höhmann	
Zeit und Ort	Do 08:15-09:45 Bernoullistrasse 14/16, Seminarraum 02.004	
Datum	19.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Fachbereich Politikwissenschaft	
Module	Modul: Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Empirische Forschungsmethoden der Politikwissenschaft und der Gesellschaftswissenschaften (MSF - Politikwissenschaft) Modul: Fields: Knowledge Production and Transfer (MSG - African Studies)	
Inhalt	The tutorial will primarily serve to deepen the understanding of the principles and methods introduced during the course "Research Methods in Social and Political Science". In particular, the tutorials will give you a thorough introduction to R and illustrate how the different concepts and models introduced during the lecture can be implemented in R. Participation in the tutorials is not mandatory, but strongly recommended. Particularly, if this is your first statistics class or if you have no prior experience with R, please use this opportunity to ask questions and to practice what you have learned during the lecture. The lab sessions are very important for your personal progress and for your ability to complete the problem sets (and to work with R, as the first three weeks in the lab sessions are used to bring	



<p>Leistungsüberprüfung Skala Wiederholungsprüfung An-/Abmeldung zur Prüfung Hinweise zur Leistungsüberprüfung</p> <p>Belegen bei Nichtbestehen Einsatz digitaler Medien Unterrichtssprache Anmeldung zur Lehrveranstaltung</p> <p>Bemerkungen</p>	<p>students up to speed with that software).</p> <p>Students studying political science are required to go to the lab sessions, which earns them an extra 2 credit points. Lehrveranst.-begleitend Pass / Fail keine Wiederholungsprüfung Anmelden: Belegen; Abmelden: nicht erforderlich To pass the tutorial, students have to complete two problem sets. The problem sets include basic analytical and statistical problems. For the most part, the problem sets involve hands-on data analysis using R. beliebig wiederholbar kein spezifischer Einsatz Deutsch</p> <p>The tutorial starts in the SECOND week of the semester: The first session takes place on 28th September 2023.</p> <p>Participation in the tutorials is not mandatory (except for political science students), but strongly recommended. Particularly, if this is your first statistics class or if you have no prior experience with R, please use this opportunity to ask questions and to practice what you have learned during the lecture. The lab sessions are very important for your personal progress and for your ability to complete the problem sets (and to work with R, as the first three weeks in the lab sessions are used to bring students up to speed with that software). Students studying political science are required to go to the lab sessions, which earns them an extra 2 credit points.</p> <p>Priority will be given to students of Political Science. If there are more students than places in this first session, we will distribute the places according the date of registration to the course in Mona.</p>
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Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften

<p>49078-01</p> <p>Dozierende</p> <p>Zeit und Ort</p> <p>Datum</p> <p>Intervall</p> <p>Angebotsmuster</p> <p>Anbietende Organisationseinheit</p> <p>Module</p> <p>Lernziele</p> <p>Inhalt</p>	<p>Kurs: Research Design Master's Thesis</p> <p>Janina Grabs Patricia Holm Frank Christian Krysiak</p> <p>Mo 08:00-10:00 Vesalianum, Seminarraum (O2.02)</p> <p>16.09.2024</p> <p>einmalig</p> <p>Jedes Semester</p> <p>Departement Umweltwissenschaften</p> <p>Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)</p> <p>The students</p> <ul style="list-style-type: none"> - know how to prepare a research proposal for their master's thesis in a structured, systematic and scientific manner; - know how to identify a valuable research topic in the field of sustainable development, to develop a related research question directed to a contribution to the scientific debate as well as designing a research approach (e.g. choice of methods) directed to answering the research question; - are able to characterize intersections between their approach and other disciplines as well as intersections with non-academic fields (such as politics, business etc.); - are familiar with formal requirements for a master's thesis (correct citation, presentation of graphs, figures, results, plagiarism etc.). <p>Writing a master's thesis related to a topic of sustainability is the masterpiece of the MSD study program. Students are expected to use productively their acquired knowledge (in terms of methods and sustainability related content) for analyzing a specific topic. However, developing a research design that copes with scientific scrutiny and accuracy is by far not an easy endeavour. Questions like 'How can I find an interesting topic?' or 'According to which criteria should I decide to go for a specific method?' or - and most important - 'Why and how do I have to link my research design to the ongoing scientific discourse?' are waiting to be</p>	<p>3 KP</p>
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answered.

This course is thought to support the students in developing their research proposal in a structured, systematic and scientific manner. Students get familiar with necessary elements of a master thesis: problem framing, introduction, background, aims, hypothesis, research questions, methods, results, discussion, reflection/contribution to the scientific debate etc. Students also learn how they can identify a valuable research topic in the field of sustainable development. Some elements are thereby generic, i.e. independent of a specific disciplinary perspective. Other elements are, to the contrary, highly dependent on the chosen disciplinary field. Other elements are concerned with capturing intersections between the field.

Against this backdrop, the class will be jointly given by the three teachers at the beginning, when it comes to unfold the generic components. Subsequently the class will be split into three groups and the students will develop their research proposal along the specific requirements according to their own focus areas.

Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Compulsory attendance in presence, required readings, presentation. Outline of master's thesis' research design according to information of lecturers.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Exclusively for MSD-students. Students of the IJSD may attend the course according to the agreement with MSD responsible contact person. No other students admitted.
Anmeldung zur Lehrveranstaltung	Course enrollment on MOnA should be completed by the beginning of the teaching period (withdrawal possible until Monday of teaching week five).
Bemerkungen	<p>Mandatory course for all students of MSD 2017 ("Preparation Master's Thesis" module). Students with focus area in natural science have to list this course in the learning agreement for the "Preparation Master's Thesis" module (template available on the website MSD/downloads MSD 2017). For details see guidelines and medium-term syllabus.</p> <p>Plenary meetings for all participants on Mondays, 08:15 to 10:00 am on the following dates: 16. September.; 30. September, 21. October & 04. November 24.</p> <p>Meetings in between in groups according to the announcements of responsible teaching member.</p> <p>The lecture is offered by the MSD. Prof. Dr. Patricia Holm., Prof. Dr. Janina Grabs (as of June 24) and Prof. Dr. Frank Krysiak (lead of this lecture) are members of the MSD teaching committee.</p>

47275-01	Seminar: Empirical Research in Public Economics	6 KP
Dozierende	Beat Hintermann	
Zeit und Ort	Do 16:15-18:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32	
Datum	19.09.2024	
Intervall	unregelmässig	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Preparation Master's Thesis in Economics and Public Policy (Masterstudium: Economics and Public Policy) Modul: Research Design in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Research Design in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Seminararbeiten (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))	



Lernziele	Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Inhalt	See content. In this master seminar, students familiarize themselves with a paper in the field of public or environmental economics published in a top journal and gain practical experience with data management and analysis. The skills acquired will be useful in the context of writing the master thesis, as well as in students' subsequent careers. Students' task consists in replicating and extending the assigned paper. The extension can focus on a subsample, include different explanatory variables, employ an alternative methodology and/or use additional data. The goal of the extension is to investigate the robustness of the original work and to provide additional insights. A list of articles will be proposed. Since the focus of this seminar is empirical and involves the application of existing code associated with the chosen paper, previous knowledge of statistical software packages will be helpful. Most of the papers listed in the seminar are written in Stata. A minority of papers may use R. The students will be supported in their task during the seminar, but we do not have the capacity to offer a personalized introduction to the different software packages. For students that have no experience with statistical software packages, we suggest attending an introductory course at the beginning of the semester.
Literatur	See syllabus
Weblink	https://wwz.unibas.ch/de/publiceconomics/teaching/
Leistungsüberprüfung	Seminarleistung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	An- und Abmelden: Fakultät
Hinweise zur Leistungsüberprüfung	The grade is a weighted average of the research plan (10%), presentation of the preliminary seminar paper (20%), participation and discussion (20%) and the paper itself (50%).
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Completed Bachelor in Business and Economics. The further prerequisites are - 12036 Econometrics must be passed successfully More about the general prerequisites and the allocation process can be found here: https://wwz.unibas.ch/de/studium/master/masterseminare/
Anmeldung zur Lehrveranstaltung	Experience with Stata or R is highly recommended. The application for this seminar is done centrally and online from May 13 to June 10, 2024 with the Studiendekanat. The link to the online application form and more information can be found here: https://wwz.unibas.ch/en/studies/master/masters-seminar/ The registration is binding. In case of non-participation after registration it will be noted as "nicht erschienen" in the transcript. For a break up after receiving a subject and title, there will be a "1.0" recorded. In addition, the priority of the wishes for future seminar applications is lost.
Bemerkungen	The seminar will take place in-class.

68984-01	Vorlesung: Advanced International Macroeconomics	3 KP
Dozierende	Andreas Müller	
Zeit und Ort	Mi 10:15-11:45 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31	
Datum	18.09.2024	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Kernmodul: Core Areas in Monetary Economics (Masterstudium: International and Monetary Economics) Modul: Core Courses in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Europäisierung und Globalisierung (Masterstudium: European Global Studies) Modul: Field Electives in Economics and Public Policy (Masterstudium: Economics and Public Policy) Modul: Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul: Specific Electives in Business and Economics (Masterstudium:	



	<p>Wirtschaftswissenschaften) Modul: Specific Electives in Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Handel und Unternehmen in der Globalisierung (Masterstudium: European Global Studies)</p>
Lernziele	<p>The aim of the course is to familiarize students with the tools of international macroeconomics and finance and to apply these tools in macro-policy issues using the same analytical approach (microfoundation of the macroeconomy) as is employed in the research literature.</p> <p>Upon successful completion of the course students will have acquired an appreciation of the role of international capital and goods markets in the determination of economic outcomes. Specifically, they will be familiar with a theoretical framework through which they can interpret movements in the current account, fiscal surplus or the nominal exchange rate and its relationship to underlying shocks and other key macroeconomic variables in an open economies.</p> <p>Students will also be familiar with the effects of monetary and fiscal policy in an international setting. They will be able to critically assess the appropriateness of a particular policy in response to important events within the international financial system.</p>
Inhalt	<p>The course builds on the macroeconomics, microeconomics and quantitative methods taught in the Bachelor program. It focuses on international macroeconomics, which we discuss both at an intuitive and technically advanced level (for instance, by solving a stochastic and dynamic decision problem of households and firms in a multi-period economy).</p> <p>We first document large global differences in the balance of payments around the world and develop a simple multi-period model of a small open economy that we will use throughout. With the appropriate variations to this benchmark theoretical framework, we will then address central topics in the field of international macroeconomics, including the effect of aggregate uncertainty on the current account; the consequences of the Great Moderation; the role of the public sector in the occurrence of twin deficits; inflationary finance; and balance of payment crisis.</p> <p>Throughout the course, the predictions of the theoretical models are confronted with data. These tests are used to highlight the power of a particular theory in providing insight into a particular real-world problem, but also to mark its limits and to motivate critical thinking.</p>
Literatur	<p>Main textbook:</p> <ul style="list-style-type: none">• Schmitt-Grohe, S., M. Uribe and M. Woodford (2022). International Macroeconomics, Princeton University Press. <p>Additional Reading:</p> <ul style="list-style-type: none">• Schmitt-Grohe, S. and M. Uribe (2017). Open Economy Macroeconomics, Princeton University Press.• Obstfeld, M. and K. Rogoff (1996): Foundations of International Macroeconomics, MIT Press.
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Written exam: tbd
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	No special requirements.
Anmeldung zur Lehrveranstaltung	Registration: Please enroll in the Online Services (services.unibas.ch);
	<p>Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data</p>



by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you can enroll for the course in the Online Services (services.unibas.ch).

Bemerkungen
Applies to everyone: Enrolment = Registration for the course and the exam!
The course consists of one 2-hour lecture every week. The discussion of end-of-chapter exercises will be integrated into the lecture.

31950-01	Vorlesung: Corporate Governance		3 KP
	Dozierende	Axel Kind Marco Poltera	
	Zeit und Ort	Mo 14:15-18:45 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31	
	Datum	02.09.2024	
	Intervall	täglich	
	Angebotsmuster	Jedes Herbstsemester	
	Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
	Module	Modul: Business Field: Strategy and Organization (Masterstudium: Business and Technology) Modul: Core Courses in Labor Economics, Human Resources and Organization (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in Finance, Controlling, Banking (Masterstudium: Wirtschaftswissenschaften) Modul: Specific Electives in Labor Economics, Human Resources and Organization (Masterstudium: Wirtschaftswissenschaften) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Handel und Unternehmen in der Globalisierung (Masterstudium: European Global Studies) Vertiefungsmodul: Labour Economics, Human Resources and Organization (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))	
	Lernziele	This course has three goals. First, it offers students the opportunity to gain insights, based on real-world examples (mini-cases), on the wide spectrum of (possibly dysfunctional) incentives that various interest groups face in modern corporations. Second, it provides an overview of the problems and solutions addressed by academics and practitioners in the field of corporate governance. Third, the course presents and discusses a number of established and recent empirical papers with the aim of providing students with the necessary tools and skills to conduct own empirical analyses (for example in form of a master thesis) on corporate-governance topics.	
	Inhalt	Corporate Governance is a master level course that discusses problems and solutions related to the conflicts of interests (omni)present and intrinsically rooted in modern corporations. The practical importance of this course naturally arises from the fact that a large number of recent corporate scandals, defaults, and failures could have been likely prevented by enhanced governance schemes. Thus, the course will try to provide answers to the following question: What checks and balances are suitable for aligning the interests of managers with those of (controlling) shareholders without harming other interest groups, such as minority shareholders, debtholders, financial markets, employees, and society at large?	
	Literatur	There is no required textbook for this course. However, interested students can refer to the following book for an extensive and discursive coverage of classical corporate-governance topics: Corporate Governance by Robert A.G. Monks and Nell Minow, 5th Edition, John Wiley & Sons, Ltd., 2011	
	Weblink	https://adam.unibas.ch	
	Leistungsüberprüfung	Leistungsnachweis	
	Skala	1-6 0,1	
	Wiederholungsprüfung	keine Wiederholungsprüfung	
	An-/Abmeldung zur Prüfung	An- und Abmelden: Dozierende	
	Hinweise zur Leistungsüberprüfung	written exam: tbd	
	Belegen bei Nichtbestehen	beliebig wiederholbar	



Einsatz digitaler Medien
Unterrichtssprache
Anmeldung zur Lehrveranstaltung

kein spezifischer Einsatz
Englisch

1. Please register for the course and the subsequent assignment via this link here https://adam.unibas.ch/goto.php?target=crs_830836_rcode86WHXutaQQ&client_id=adam from 01.08.24 - 29.08.24.

Please make sure that you are already registered for the fall semester and have paid the semester fees.

2. Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the enrolment deadline and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: <https://www.unibas.ch/de/Studium/Mobilitaet.html>
After successful registration you have access to the enrolment link.

3. A deregistration is possible until 03.09.24 at the latest by email to studiendekanat-wwz@unibas.ch

4. Your registration will be entered in your Online Services only after the official deadline of the course registration period, i.e. after 14.10.24.

5. The following applies to everyone: enrollment = registration for the exam/assignment! In case of non-participation after registration it will be noted as "nicht erschienen" in the transcript.

12036-01	+ Vorlesung: Econometrics		6 KP
Dozierende	Andrea Ghisletta Kurt Schmidheiny		
Zeit und Ort	Mo 10:15-12:00 Vesalianum Seiteneingang, Grosser Hörsaal (EO.16) Do 10:15-12:00 Pharmazentrum, Hörsaal 1		
Datum	19.09.2024		
Intervall	wöchentlich		
Angebotsmuster	Jedes Herbstsemester		
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ		
Module	Grundlagenmodul: Advanced Topics in Economics (Masterstudium: International and Monetary Economics) (Pflicht) Kernmodul: VWL (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021)) (Pflicht) Modul: Field Electives in Finance and Money (Masterstudium: Finance and Money) Modul: Fundamentals in Business and Economics (Masterstudium: Wirtschaftswissenschaften) Modul: Fundamentals in Business and Technology (Masterstudium: Business and Technology) Modul: Fundamentals in Economics (Masterstudium: Economics and Public Policy) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)		
Lernziele	This course provides students with the basic econometric tools for cross-section and panel data. It is an applied course preparing students to both conduct own empirical research projects and assess empirical research papers. Each of the discussed tools will be implemented using standard statistical software (Stata or R) and real world data. Students will learn how to choose the adequate statistical method, discuss its identifying assumptions, correctly interpret its results and to translate them into economically meaningful answers. This course is supplemented by the course "Advanced Econometrics" (41957) which provides formal proofs and additional results.		
Inhalt	Outline: 1. Causal effects and the logic of randomized experiments 2. Linear regression: Estimation, small and large sample properties, hypothesis testing, omitted variable bias, model selection, functional form, heteroscedasticity, autocorrelation, clustering 3. Instrumental variable estimation: Estimation, identification, weak instruments 4. Panel data: fixed effects, random effects 5. Maximum likelihood estimation 6. Binary choice: probit and logit		



Literatur	<p>Any textbook in econometrics covers the topics developed in this course. The technical level of this course will be closer to the introductory text- books. However, students with a strong mathematical background may find the advanced textbook more appropriate. The two companions are not self-contained textbooks but useful to deepen the intuitive understanding.</p> <p>Introductory textbook:</p> <ul style="list-style-type: none"> - Stock, James H. and Mark W. Watson (2020), Introduction to Econometrics, 4th Global Edition, Pearson. <p>Advanced textbooks:</p> <ul style="list-style-type: none"> - Cameron, A. Colin and Pravin K. Trivedi (2005), Microeconometrics: Methods and Applications, Cambridge University Press. - Davidson, Russell and James G. MacKinnon (2004), Econometric Theory and Methods, Oxford University Press. - Hayashi, Fumio (2000), Econometrics, Princeton University Press. - Wooldridge, Jeffrey M. (2010), Econometric Analysis of Cross Section and Panel Data, 2nd ed., MIT Press. <p>Companion textbooks:</p> <ul style="list-style-type: none"> - Angrist, Joshua D. and Jorn-Steffen Pischke (2009), Mostly Harmless Econometrics: An Empiricist's Companion, Princeton University Press.
Weblink	https://www.schmidheiny.name/teaching/unibas/econometrics/
Leistungsüberprüfung	Examen
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	There will be a final exam and eight online tests. The online tests will be graded on a pass / fail basis. You must pass at least five out of the eight online tests in order to be allowed to the final exam. If you do not fulfill this requirement, you will be excluded from the final exam and deregistered from the course in the online services. The grade will solely be determined by the final exam.
	written exam: tbd
	repeat exam: tbd
	IMPORTANT: For courses with a main lecture exam, a repeat exam is offered in addition to the regular examination date. This repeat examination can only be taken if the student has taken part in and failed the regular examination (grade < 4.0) see study guide of our master programs by December 13, 2021: Paragraph 4.13.4.1.
Belegen bei Nichtbestehen	einmal wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Prerequisites: Completed BA in Business and Economics and basic knowledge in statistics, particularly the linear regression model
Anmeldung zur Lehrveranstaltung	Registration: Please enroll in the Online Services (services.unibas.ch); Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: https://www.unibas.ch/de/Studium/Mobilitaet.html After successful registration you can enroll for the course in the Online Services (services.unibas.ch).
Bemerkungen	Applies to everyone: Enrolment = Registration for the course and the exam! Students who plan to take other courses in econometrics should also follow the course "Advanced Econometrics" (41957) along with "Econometrics" (12036).

29002-01 Vorlesung: Electricity Markets

3 KP

Dozierende

Hannes Weigt

Zeit und Ort

Di 14:15-16:00 Wirtschaftswissenschaftliche Fakultät, Auditorium

Datum

17.09.2024

Intervall

wöchentlich

Angebotsmuster

Jedes Herbstsemester



Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Modul: Field Electives in Economics and Public Policy (Masterstudium: Economics and Public Policy) Modul: Policy Field: Environment and Energy (Masterstudium: Economics and Public Policy) Modul: Specific Electives in International Business, Trade and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul: Markets and Public Policy (Masterstudium: Wirtschaftswissenschaften (Studienbeginn vor 01.08.2021))
Lernziele	The aim of the lecture is to provide a basic understanding of the market structure and architecture of electricity markets, the application of competitive and regulatory theories to case studies, and the capability to investigate current challenges in electricity markets from an economic perspective.
Inhalt	In the lecture 'Electricity Markets' the economic structures in liberalized electricity markets will be examined. After a short overview on the basic functionality of electricity markets different topics will be discussed. The topics will cover current challenges associated to the ongoing transition towards a carbon free energy supply (i.e. integration of intermittent renewables, sector coupling). The main focus of the assessment will be on economic incentive structures and market and policy design.
Literatur	The short overview on the basics of electricity markets are based on the textbooks "Power System Economics" by Steven Stoft, "Fundamentals of Power System Economics" by Daniel Kirschen and Goran Strbac, and "Regulation of the Power Sector" by Ignacio Pérez-Arriaga. In the discussion part, recent papers and reports will be used. All relevant literature will be provided as downloads.
Weblink	https://wwz.unibas.ch/de/energieoekonomie/lehre/
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anm.: Belegen Lehrveranstaltung; Abm.: stornieren
Hinweise zur Leistungsüberprüfung	Written exam: tbd
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	The lecture is part of the field courses in the Master in Economics and Public Policy. Understanding of basic micro-economics, industrial organization and numerical methods is recommended.
Anmeldung zur Lehrveranstaltung	Registration: Please enroll in the Online Services (services.unibas.ch); Eucor-Students and mobility students of other Swiss Universities or the FHNW first have to register at the University of Basel BEFORE the start of the course and receive their login data by post (e-mail address of the University of Basel). Processing time up to a week! Detailed information can be found here: https://www.unibas.ch/de/Studium/Mobilitaet.html After successful registration you can enroll for the course in the Online Services (services.unibas.ch).
Bemerkungen	Applies to everyone: Enrolment = Registration for the course and the exam! Voluntary homework during the semester allow to obtain bonus points for the final written exam (bonus-points will only be added to exam points after a 4.0 has been reached without bonus!). Details are explained in the first lecture.