

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.

For detailed information regarding modules etc. we recommend to have a closer look to the study regulations (in German) and the guidelines (available in German and English translation), the medium-term syllabus and the optimal study progression plan. These documents and a graphic representation of the three focus areas can be downloaded from our website: <https://www.msd.unibas.ch/en/services/downloads/msd-2017/>

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 Business and Economics of the University of Basel.

Until July 2020 the teaching committee (TC) is chaired by Prof. Dr. Frank Krysiak, Dep. of Resource Economics, Faculty of Economics. Vice chair is Prof. Dr. Paul Burger, head of the Sustainability Research Group, Department of Social Sciences, Faculty of Humanities and Social Sciences.

The coordination office of the MSD is managed by Camelia Chebbi, for contact details see academic advice.

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 the detailed course directory (dcd) and the medium-term syllabus have to be considered.

All documents are available as downloads: <https://www.msd.unibas.ch/en/services/downloads/msd-2017/>

Studienfachberatung:

For academic advice and information please contact Camelia Chebbi, MA/MAS ETHZ/MAS NPPM FHNW, head coordination office MSD: coordination-msd@unibas.ch; +41/61/207 04 20.

Office MSD at Vesalgasse 1/2nd floor, CH-4051 Basel.

For short consultation the coordination office MSD is open on Monday, Tuesday, and Thursday: 09.30 - 11.30 a.m.

Individual study counseling on request.

Modul: Komplementärer Basisbereich Naturwissenschaften

20721-01	Vorlesung mit Übungen: Ecosystems - Concepts, Principles and Processes		3 KP
	Dozierende	Irene Adrian-Kalchhauser	
		Joschka Wiegleb	
	Zeit und Ort	Di 12:15-14:00 Vesalianum, Seminarraum (O2.02) Do 12:15-14:00 Vesalianum, Seminarraum (O2.02) Lecture: on Thursdays, 12.15 - 14.00h; practical course on Tuesdays fortnightly, 12.15 - 14.00h.	
	Datum	17.09.2019	
	Intervall	wöchentlich	
	Angebotsmuster	Jedes Herbstsemester	
	Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
	Module	Modul Grundlagenbereich Naturwissenschaften (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) 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 natural scientific literature sources; - they get familiar with the structure of articles from 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 provided data;
- they can interpret the provided data autonomously.

Inhalt

Lecture

The principal characteristics and components of ecosystems will be presented. On the basis of slides (presentation) and textbooks those principles, important processes and interactions between organisms and the biotic and abiotic environment will be discussed.

Practical Course

Based on current scientific literature, relevant topics will be assessed and critically analyzed. We will exercise to analyze and understand the content of scientific articles as well as discuss and question the authors' statements, using the provided data.

Literatur

tba

Leistungsüberprüfung

Leistungsnachweis

Skala

1-6 0,1

Wiederholungsprüfung

eine Wiederholung, bester Versuch zählt

An-/Abmeldung zur Prüfung

An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA

Hinweise zur Leistungsüberprüfung

Lecture:

Written examination details to tba

Proof of achievement for the practical course (see below) are required for the admission to the written examination.

Practical course:

The proof of achievement for the practical course is the lecture of the provided literature and active participation in the discussions.

In consultation with the lecturer, each participant will choose and present one 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 in the lecture/practical course.

Without fulfilling the demands in the practical trainings, students will not be admitted to the written exam!

Belegen bei Nichtbestehen

beliebig wiederholbar

Einsatz digitaler Medien

Online-Angebot obligatorisch

Unterrichtssprache

Englisch

Teilnahmevoraussetzungen

Students of the MSD and those of the mentioned fields of study (see list of modules) have priority. If you study something different you must do a master's degree within the 'Faculty of Sciences'.

Profound statistic skills are expected. The practical courses require active and critical examination of scientific articles and motivated discussion.

Bemerkungen

Mandatory lecture for MSD-Studens with focus areas in social sciences and in economics.

Teaching takes place:

lecture: on Thursday/weekly; practical course: on Tuesdays (two groups; each group meets fortnightly). Details of group building tba at the beginning of the semester.

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 114 Kick-off: 17.09.19: 14.15 - 18.00h (together with lecture 41829).	
Datum	17.09.2019	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
Module	Grundkurse (Transfakultäre Querschnittsprogramme im freien Kreditpunkte-Bereich) Modul Grundlagenbereich Naturwissenschaften (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Komplementärer Basisbereich Naturwissenschaften (Masterstudium: Sustainable Development)	



Lernziele	<p>Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)</p> <p>The students</p> <ul style="list-style-type: none">- 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. <p>Students are expected to</p> <ul style="list-style-type: none">- 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	<p>The course is offered within the scope of the "Transfaculty Cross Section Program Sustainable Development" (Transfakultäres Querschnittsprogramm TQNE: https://www.msdu.unibas.ch/en/study-programs/tqne/). The program consists of 3 introductory lectures with practical course (lecture A and B, respectively, offered in fall semesters, C 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 A, B, C.</p> <p>The topic "Food and Sustainability" serves as an integration focus for the entire TQ NE 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.</p>
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOA
Hinweise zur Leistungsüberprüfung	Regular attendance of lecture and practical course, details written examination tba.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	This lecture is open to students from the University of Basel who at least are studying in their third semester.
Bemerkungen	<p>The kick-off event is organized together with lecture B (41829) on Tuesday, 17.09.19 from 14.15 until 18.00h. Content: What is sustainability? Role of science in sustainability; How can I develop a sound judgment on a topic of the sustainability without risking a one-sided assessment?</p> <p>Practical course</p> <p>Each student has to attend several sessions of practical course (each 90 minutes; dates according to the announcement in the lecture itself).</p> <p>The groups are organized together with the enrolled students at the beginning of the teaching period.</p> <p>Venue: Vesalianum, Vesalgasse 1, 2nd floor, meeting room 02.03a (exceptions will be communicated).</p> <p>Extra certificate</p> <p>Students who successfully complete all four classes of the TQ NE can apply for an additional certificate at the end of their studies (the final degree diploma must be available). Please send an email to coordination-msd@unibas.ch, with details of first and last name, student number, postal address.</p>



MSD 2017

MSD students who already have attended a similar class are supposed to contact Prof. Dr. P. Holm and determine with her a substitute. Don't forget to fix the Learning Agreement (see template on the website MSD/downloads MSD 2017).

This course is offered by the "Transfaculty cross section program Sustainable Development" (TQ NE). Prof. Dr. Patricia Holm is member of the teaching committee MSD and head of the research group Men-Society-Environment, Dep. Environmental Sciences, Faculty of Sciences.

Modul: Komplementärer Basisbereich Gesellschaftswissenschaften

14253-01	Seminar: Environmental Ethics and Intergenerational Justice	3 KP
	Dozierende	Barbara Schmitz
	Zeit und Ort	Mi 12:15-14:00 Vesalianum, Seminarraum (O2.02)
	Datum	18.09.2019
	Intervall	wöchentlich
	Angebotsmuster	Jedes Herbstsemester
	Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung
	Module	Modul Grundlagenbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) 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 at the beginning of the seminar.
	Leistungsüberprüfung	Lehrveranst.-begleitend
	Skala	1-6 0,1
	Wiederholungsprüfung	keine Wiederholungsprüfung
	An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOA
	Hinweise zur Leistungsüberprüfung	Regular attendance (mandatory), required readings, oral presentation, essay.
	Belegen bei Nichtbestehen	beliebig wiederholbar
	Einsatz digitaler Medien	Online-Angebot fakultativ
	Unterrichtssprache	Englisch
	Teilnahmevoraussetzungen	Special course application required for ALL (for details see 'course application' or 'Anmeldung'). Course application in a different way then explained ARE NOT taken into account.

Limited number of participants (25), Students of the MSD 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 'Faculty of Humanities and Social Sciences/'



Department of Social Sciences, and may attend the seminar in case of vacancies and former application as explained.

Anmeldung zur Lehrveranstaltung

Mandatory application for ALL! Link open from 14.08.19y/noon - 04.09.19/midnight:

https://adam.unibas.ch/goto.php?target=crs_544052_rcodeZ5LwyBC5jg&client_id=adam

(Login on top row right hand side of ADAM website; list of forms available from 14.08.19/noon on)

NOTE: Be aware of special entry requirements. Course inscription via MOnA remains mandatory for all participants..

Bemerkungen

In case of vacancies the online application link remains open until the second week of teaching + 2 days.

Note: Special course application and entry requirements!

MSD students who already have attended a similar class are supposed to contact Prof. Dr. P. Burger and determine with him a substitute. Don't forget to inform C. Chebbi by email about your agreement.

MSD 2017

Mandatory for all students (unless the above situation applies to you).

MSD 2010

Die Anrechnung erfolgt gemäss publizierten Modulen oder mittels LC für den Vertiefungsbereich Phil.-Hist. Pflicht für alle, sei denn man hat diese LV oder eine vergleichbare schon gemacht (siehe Absatz weiter oben).

This seminar is offered by MSD, Dr. B. Schmitz holds a teaching assignment.

41829-01	Vorlesung mit Übungen: Perspectives of Social Sciences on Sustainability	3 KP
Dozierende	Rony Emmenegger	
Zeit und Ort	Di 16:15-18:00 Kollegienhaus, Hörsaal 114 Kick-off: 17.09.19: 14.15 - 18.00h (together with lecture 41828).	
Datum	17.09.2019	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
Module	Grundkurse (Transfakultäre Querschnittsprogramme im freien Kreditpunkte-Bereich) Modul Grundlagenbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) 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)	
Lernziele	The lecture aims at the acquisition of the following competences: (A) Professional competences: Students are familiar with selected social science perspectives 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. (B) 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. (C) 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 lecture is offered within the scope of the "Transfaculty cross section program Sustainable Development" (Transfakultäres Querschnittsprogramm TQ NE). The program consists of 3 introductory lectures with practical courses (lecture A + B, respectively, offered in fall semesters, C 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 A, B, 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.
The topic "Food and Sustainability" serves as an integration focus for the entire TQ NE and, thus, also for this lecture. Food 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., mass husbandry, famine, overfishing, urban gardening, etc.)
The class 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	tba
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MoNA
Hinweise zur Leistungsüberprüfung	Regular attendance of lecture and practical course, written examination in January 2020, details tba
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	This class is open to students from the University of Basel who at least are studying in their third semester.
Bemerkungen	The kick-off event is organized together with lecture A (41828) on Tuesday, 17.09.19 from 14.15 until 18.00. Content: What is sustainability? Role of science in sustainability; How can I develop a sound judgment on a topic of the sustainability without risking a one-sided assessment? Practical course Each student has to attend 3 sessions of 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 in the lecture itself. The groups are organized together with the enrolled students at the beginning of the teaching period. Venue: Vesalianum, Vesalgasse 1, 2nd floor, meeting room 02.03a (exceptions will be communicated). Extra certificate Students who successfully complete all four classes of the TQ NE can apply for an additional certificate at the end of their studies (final degree diploma must be available). Please send an email to coordination-msd@unibas.ch , with details of first and last name, student number, postal address. MSD 2017 MSD students who already have attended a similar class are supposed to contact Prof. Dr. P. Burger and determine with him a substitute. Don't forget to fix the Learning Agreement (see template on the website MSD/downloads MSD 2017). This lecture is offered by the "Transfaculty cross section program Sustainable Development" (TQ NE), Dr. Rony Emmenegger is staff member of the Sustainability Research Group, Department of Social Sciences.

Modul: Komplementärer Basisbereich Wirtschaftswissenschaften

48981-01 Vorlesung: Intensive Introduction to Intermediate Economics

6 KP

Dozierende

Dragan Ilic



Zeit und Ort	Mi 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31 Fr 12:15-14:00 Kollegienhaus, Hörsaal 114
Datum	18.09.2019
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Modul: Komplementärer Basisbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
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 and economic issues. Students should be able to explain and interpret economic phenomena with the language and approach of economic reasoning.
Inhalt	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. This course will contain both lectures and exercise sessions. Course material will be provided through the ADAM webspace.
Literatur	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)
Leistungsüberprüfung	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)
Skala	Semesterendprüfung 1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist
Hinweise zur Leistungsüberprüfung	There will be a written exam in January, at the end of the semester. written exam:
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Deutsch
Anmeldung zur Lehrveranstaltung	Registration: Please enrol in MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!
Bemerkungen	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.

Modul: Interdisziplinäre Forschung zu Nachhaltigkeit

48953-01 Kernvorlesung: Sustainable Development: Introduction into Topics and Approaches 3 KP

Dozierende	Paul Burger Patricia Holm Frank Christian Krysiak
Zeit und Ort	Di 08:15-10:00 Vesalianum, Seminarraum (02.02)
Datum	17.09.2019
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD



Module	Modul Kompetenzen für interdisziplinäre Nachhaltigkeitsforschung (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development)
Lernziele	<ul style="list-style-type: none"> - Students have acquired knowledge on 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 on 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
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MoNA
Hinweise zur Leistungsüberprüfung	Written examination: in December, date tba, from 08.15-09.45h Repeat examination: probably in February 2020, date tba, 08.15-09.45h
Belegen bei Nichtbestehen	If after a 2nd attempt the result is a fail (score lower then 4.0) again, the student is expelled from the MSD (see study regulations). nicht wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Exclusively for MSD-students (incl. preparation semester)
Anmeldung zur Lehrveranstaltung	Exclusively for MSD-students and those in prep. semester.
Bemerkungen	This core lecture is mandatory. Take note of participation and registration criterion incl. final examination. The lecture is offered by MSD. Prof. Dr. Patricia Holm, Paul Burger and Frank Krysiak (lead) are heading the MSD teaching committee.

48954-01	Kernvorlesung: Tools and Methods for Interdisciplinary Research	3 KP
Dozierende	Marius Christen	
Zeit und Ort	Do 10:15-12:00 Vesalianum, Seminarraum (O2.02)	
Datum	19.09.2019	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
Module	Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development)	
Lernziele	<p>Students will:</p> <ul style="list-style-type: none"> - get acquainted with the rational, forms and challenges of interdisciplinarity; - get to know different methods 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>Interdisciplinarity is mandatory to successfully and scientifically understand and tackle complex real-world problems, such as sustainability challenges. However, what is meant by interdisciplinarity, and how and by which methods interdisciplinary research is conducted, is a major issue by itself.</p> <p>In a first part, the core lecture will introduce different forms, methods and challenges of interdisciplinarity and transdisciplinarity, with a focus on questions of interdisciplinary research in sustainability sciences.</p> <p>In a second and third part, we will discuss established and most important tools of</p>	



interdisciplinary research in sustainability sciences: system analysis and sustainability assessment.
Finally, we will round out the lecture by a critical reflection upon contributions of science to the transformation towards sustainable development. The lecture requires active participation.

Literatur	Introductory readings: Bergmann, M. et al. (2012): Methods for transdisciplinary research. A primer for practice, Frankfurt a.M: Campus. Thompson Klein, J. (2010): A taxonomy of interdisciplinarity, in: The Oxford handbook of interdisciplinarity, ed. by R. Frodeman et al., Oxford: OUP, pp. 15-30.	
Leistungsüberprüfung Skala Wiederholungsprüfung An-/Abmeldung zur Prüfung Hinweise zur Leistungsüberprüfung	Leistungsnachweis 1-6 0,1 eine Wiederholung, bester Versuch zählt An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA Written examination: in December, date tba, from 10.15-11.45h Repeat examination: probably in February 2020, date tba, 10.15-11.45h	
Belegen bei Nichtbestehen Einsatz digitaler Medien Unterrichtssprache Teilnahmevoraussetzungen Anmeldung zur Lehrveranstaltung Bemerkungen	If after a 2nd attempt the result is a fail (score lower then 4.0) again, the student is expelled from the MSD (see study regulations). nicht wiederholbar kein spezifischer Einsatz Englisch Exclusivly for MSD-students (incl. preparation semester). Exclusivly for MSD-students (incl. in prep.) This core lecture is mandatory. Take note of paricipation and registration criterion incl. final examination. The lecture is offered by MSD, Dr. M. Christen holds a teaching assignment.	
50399-01	Kolloquium: Introduction to Ongoing MSD Master's Thesis	1 KP
Dozierende	Paul Burger Patricia Holm Frank Christian Krysiak	
Zeit und Ort	on 07.10.19 & on 04.11.19: 14.15 to 19h; Faculty of economics, seminar room S15 HG.31 on 16.12.19: 09.15 to 19h. Faculty of economics, seminar room S14 HG.32 (subject to modification).	
Datum Intervall Angebotsmuster Anbietende Organisationseinheit Module	07.10.2019 unregelmässig Jedes Semester Archäologie / Humangeographie / MSD 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 50339 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 Skala Wiederholungsprüfung An-/Abmeldung zur Prüfung Hinweise zur Leistungsüberprüfung	Lehrveranst.-begleitend Pass / Fail keine Wiederholungsprüfung An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA Regular attendance. Brief presentation that discusses the contribution of one of the Master's theses presented. Details will be handed out at the beginning of the term.	
Belegen bei Nichtbestehen Einsatz digitaler Medien	beliebig wiederholbar kein spezifischer Einsatz	



Unterrichtssprache Englisch
Teilnahmevoraussetzungen Only for students of the Master's Degree in Sustainable Development MSD 2017.

Anmeldung zur Lehrveranstaltung Only for MSD-students
Bemerkungen Schedule fall 2019:
Meeting 1: Mo 07.10.19/14.15 to 19h; Faculty of economics, seminar room S15 HG.31
Meeting 2: Mo 04.11.19/14.15 to 19h; Faculty of economics, seminar room S15 HG.31
Meeting 3: Mo 16.12.19/09.15 to 19h; Faculty of economics, seminar room S14 HG.32 (subject to modification).
Duration depends on the number of presentations.

52317-01 Kolloquium: Presentation of Concepts of MSD Master's Thesis 1 KP

Dozierende Paul Burger
Patricia Holm
Frank Christian Krysiak

Zeit und Ort on 07.10.19 & on 04.11.19: 14.15 to 19h; Faculty of economics, seminar room S15 HG.31
on 16.12.19: 09.15 to 19h. Faculty of economics, seminar room S14 HG.32 (subject to modification).

Datum 07.10.2019
Intervall unregelmässig
Angebotsmuster Jedes Semester
Anbietende Organisationseinheit Archäologie / Humangeographie / MSD
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 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.

Leistungsüberprüfung Lehrveranst.-begleitend
Skala Pass / Fail
Wiederholungsprüfung keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung An-/Abmelden: Belegen resp. Stornieren der Belegung via MOA
Hinweise zur Leistungsüberprüfung Regular attendance. Oral presentation of 10 minutes, followed by a discussion of 15 minutes.
Belegen bei Nichtbestehen beliebig wiederholbar
Einsatz digitaler Medien kein spezifischer Einsatz
Unterrichtssprache Englisch
Teilnahmevoraussetzungen Only for students of the MSD 2017. The application concerning the "master's thesis" has been approved by the teaching committee.
Anmeldung zur Lehrveranstaltung Students have to register for a presentation on doodle. Those who have not received the doodle link by email (sent by the coordination office MSD at latest at the beginning of September 2019) ask for the link sending an email to: coordintion-msd@unibas.ch. Registration on MOA remains mandatory.
Bemerkungen Schedule fall 2019:
Meeting 1: Mo 07.10.19/14.15 to 19h; Faculty of economics, seminar room S15 HG.31
Meeting 2: Mo 04.11.19/14.15 to 19h; Faculty of economics, seminar room S15 HG.31
Meeting 3: Mo 16.12.19/09.15 to 19h; Faculty of economics, seminar room S14 HG.32 (subject to modification).
Duration depends on the number of presentations.

This course is offered by MSD. Prof. Dr. Patricia Holm, Paul Burger and Frank Krysiak (lead). They are heading the MSD teaching committee.



53982-01	Kolloquium: Presentation of Results of MSD Master's Thesis	1 KP
Dozierende	Paul Burger Patricia Holm Frank Christian Krysiak	
Zeit und Ort	on 07.10.19 & on 04.11.19: 14.15 to 19h; Faculty of economics, seminar room S15 HG.31 on 16.12.19: 09.15 to 19h. Faculty of economics, seminar room S14 HG.32 (subject to modification).	
Datum	07.10.2019	
Intervall	unregelmässig	
Angebotsmuster	Jedes Semester	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
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 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.	
Leistungsüberprüfung	Lehrveranst.-begleitend	
Skala	Pass / Fail	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOA	
Hinweise zur Leistungsüberprüfung	Oral presentation and discussion (each 10 min.)	
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Only for students of the MSD 2017 who have to present the results of their master's theses. The theses have to be completed at least up to 80% or may have been submitted already prior to the final presentation.	
Anmeldung zur Lehrveranstaltung	Students have to register for a presentation on doodle. Those who have not received the doodle link by email (sent by the coordination office MSD at latest at the beginning of September 2019) ask for the link sending an email to: coordintion-msd@unibas.ch. Registration on MOA remains mandatory.	
Bemerkungen	Schedule fall 2019: Meeting 1: Mo 07.10.19/14.15 to 19h; Faculty of economics, seminar room S15 HG.31 Meeting 2: Mo 04.11.19/14.15 to 19h; Faculty of economics, seminar room S15 HG.31 Meeting 3: Mo 16.12.19/09.15 to 19h; Faculty of economics, seminar room S14 HG.32 (subject to modification). Duration depends on the number of presentations. This course is offered by MSD. Prof. Dr. Patricia Holm, Paul Burger and Frank Krysiak (lead). They are heading the MSD teaching committee.	
55161-01	Kolloquium: Sozialforschung und Methodologie	2 KP
Dozierende	Manfred Max Bergman	
Zeit und Ort	Mi 18:15-20:00 Rosshofgasse (Schnitz), Seminarraum S 02	
Datum	18.09.2019	
Intervall	wöchentlich	
Angebotsmuster	unregelmässig	
Anbietende Organisationseinheit	Fachbereich Soziologie	
Module	Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development) Modul: Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul: Politik, Entwicklung und soziale Ungleichheit (BSF - Soziologie) Modul: Wirtschaft, Wissen und Kultur (BSF - Soziologie) Modul: Ungleichheit, Konflikt, Kultur (MSF - Soziologie)	



Lernziele	<p>Participants will</p> <ul style="list-style-type: none"> - Expand their competences in assessing scientific work and research - Learn how to critique scientific work constructively - Be exposed to multidisciplinary and transdisciplinary research - Expand their knowledge horizon about empirical social research <p>Die Teilnehmenden haben</p> <ul style="list-style-type: none"> - ihre Kompetenzen für wissenschaftliches Arbeiten und Forschen vertieft, - gelernt, konstruktive Kritik zu üben. - multidisziplinäre und transdisziplinäre Forschungsansätze verstanden. - ihren wissenschaftlichen Horizont zur empirischen Sozialforschung erweitert.
Inhalt	<p>The colloquium presents contemporary studies on the relevance for the social and related sciences. We will present qualitative and quantitative studies, and we will endeavor to also feature new methodological approaches. We focus on studies relating to local and global social structures, change, and transitions.</p> <p>Im Kolloquium werden aktuelle empirische Studien mit Relevanz für die Sozialwissenschaften präsentiert und diskutiert. Dabei stehen verschiedene methodische Vorgehen ebenso wie die durch diese erworbenen Erkenntnisse im Fokus. Den thematischen Schwerpunkt bilden Studien zu sozialen Strukturen und sozialen Transitionen.</p>
Literatur	<p>Preparatory literature:</p> <p>Crouch, C. (2016). Society and social change in 21st century Europe. Pelgrave. Goldin, I. (2016). The pursuit of development. Economic growth, social change, and ideas. Oxford University Press. James, H. (2012). The creation and destruction of value: The globalization cycle. Harvard University Press.</p>
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: nicht erforderlich
Hinweise zur Leistungsüberprüfung	Regular participation and submission of all colloquium notes (pass/fail).
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Bemerkungen	Unterrichtssprache: English and German.

Modul: Kernbereich Naturwissenschaften

55412-01	Kolloquium: MSD Life Science	1 KP
Dozierende	Patricia Holm	
Zeit und Ort	Di 16:15-17:00 Vesalianum, Seminarraum (O2.02)	
Datum	17.09.2019	
Intervall	wöchentlich	
Angebotsmuster	einmalig	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
Module	Modul Wahlbereich Wasser (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development)	
Lernziele	<p>Die TeilnehmerInnen</p> <ul style="list-style-type: none"> - üben und verbessern ihre Auftrittskompetenzen im Kontext einer Präsentation von wissenschaftlichen Daten; - üben und verbessern ihre Fähigkeiten wissenschaftliche Artikel kritisch zu diskutieren; - erwerben Wissen über aktuelle Themen, Ansätze und Methoden der wissenschaftlichen Nachhaltigkeitsforschung (aus Sicht der Naturwissenschaften). 	
Inhalt	<ul style="list-style-type: none"> - Aktuelle Themen, wissenschaftliche Ansätze und neue Methoden in Ökologie und Nachhaltiger Entwicklung; - Präsentation und Diskussion eigener Forschungsprojekte (einschliesslich Masterarbeiten); - Präsentation und Diskussion von wichtigen, bahnbrechenden Publikationen. <p>Literaturangaben werden während den einzelnen Kolloquiumsterminen gemacht.</p>	
Literatur	Lehrveranst.-begleitend	
Leistungsüberprüfung	Pass / Fail	
Skala	keine Wiederholungsprüfung	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA	
Belegen bei Nichtbestehen	nicht wiederholbar	



Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Für MSD-Studierende mit Studienvariante Phil.-Nat. Weitere Angaben zur Belegung und Anrechnung im MSD 2010, im MSD 2017 sowie für Doktorierende (siehe unter Bemerkungen). Belegen. Bitte melden Sie sich zudem direkt bei Prof. Dr. P. Holm.
Anmeldung zur Lehrveranstaltung	Anrechnung MSD 2010: Jene, die ihre Arbeit bei P. Holm schreiben, müssen das Kolloquium absolvieren.
Bemerkungen	Allen anderen steht es frei, das Koll. zu absolvieren. Anrechnung MSD 2017 Pflichtveranstaltung für ALLE mit Studienvariante Phil.-Nat. (unabhängig davon, wie die Betreuung und Beurteilung der Masterarbeit geregelt sind). Der Entscheid zu welchem Zeitpunkt das Kolloquium belegt wird, erfolgt in Rücksprache mit Prof. Dr. P. Holm. Weiter ist das Kolloquium für Doktorierende am MGU. Die Anrechnung der LV regeln sie in Rücksprache mit P. Holm. Dies ist ein Angebot vom MSD. Prof. Dr. P. Holm ist Leiterin von MGU und vom TQNE sowie Mitglied der Unterrichtskommission MSD.

41821-01	Vorlesung mit Übungen: Ecological Sustainability Aspects of Climate Change	3 KP
Dozierende	Dirk Schindler	
Zeit und Ort	Fr 14:15-18:00 Vesalianum, Seminarraum (O2.02) On Fridays, weekly classes from 20.09. to 01.11.19: 14.15 to 18.00h.	
Datum	20.09.2019	
Intervall	wöchentlich	
Angebotsmuster	unregelmässig	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
Module	Modul Wahlbereich Energie und Klimawandel (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) 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	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA	
Hinweise zur Leistungsüberprüfung	Regular attendance, required reading, presentation, written assessment on 01.11.19/lecture time	
Belegen bei Nichtbestehen	beliebig wiederholbar	



Einsatz digitaler Medien
Unterrichtssprache
Teilnahmevoraussetzungen

kein spezifischer Einsatz
Englisch
Special course inscription required for ALL (for details see 'course application' or 'Anmeldung'). Course inscriptions in a different way then explained ARE NOT taken into account.

Limited number of participants (25), Students of the MSD and those of the mentioned fields of study (see list of modules) have priority. If you study something different you must do a master degree within the 'Faculty of Sciences' and may attend the class in case of vacancies and former inscription as explained.

Entry requirements MSD 2017
Students with Focus area in Social Sciences or in Economics must have completed the module "Complementary knowledge in Natural Sciences".
No special entry requirements for students with Focus Area in Natural Sciences.

MSD 2010
MSD-Studierende, welche die Grundlagen- und Aufbaubereiche Phil.-Nat. zu absolvieren haben, müssen diese bis und mit FS 19 weitestgehend abgeschlossen haben.

Anmeldung zur Lehrveranstaltung

Mandatory application for ALL! Link open from 14.08.19/noon - 04.09.19/midnight:

https://adam.unibas.ch/goto.php?target=crs_544052_rcodeZ5LwyBC5jg&client_id=adam

(Login on top row right hand side of ADAM website; list of forms available from 14.08.19/noon on)

NOTE: Be aware of special entry requirements. Course inscription via MOnA remains mandatory for all participants..

In case of vacancies the online application link remains open until the second week of teaching + 2 days.

Bemerkungen

Note: Special course inscription and entry requirements!

Credit transfer MSD 2017
Credits may be transferred to the module "Focal areas in sustainability research" (learning agreement) (all students).

MSD 2010
Anrechnung im MSD: Die LV ist im Wahlbereich Energie und Klimawandel/Bereich Phil.-Nat. publiziert. Studierende, welche die Grundlagen- und Aufbaubereiche Phil.-Nat. zu absolvieren haben, müssen diese weitestgehend abgeschlossen haben.
Studierende mit Studienvariante Phil.-Nat. können sich diese LV nach Rücksprache mit P. Holm mittels LC für den Vertiefungsbereich anrechnen lassen.

Teaching on Fridays, weekly classes from 20.09. to 01.11.19: 14.15 to 18.00h (breaks according to lecturer); final test on 01.11.19/during lecture time.

This course is offered by MSD, Dr. D. Schindler holds a teaching assignment.

25635-01 + Vorlesung mit Übungen: Environmental Systems: Transformation of Energy Systems to renewable Energy Flows 2010-2050 2 KP

Dozierende	Rudolf Rechsteiner
Zeit und Ort	Fr 08:00-12:00 Bernoullistrasse 30/32, Hörsaal 223
Datum	20.09.2019
Intervall	unregelmässig
Angebotsmuster	Jedes 2. Herbstsem.
Anbietende Organisationseinheit	Geowissenschaften
Module	Modul Wahlbereich Energie und Klimawandel (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Environmental Geosciences and Biogeochemistry (Masterstudium: Geowissenschaften) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development)



Lernziele	<ul style="list-style-type: none"> • Sie kennen die konstitutiven Unterschiede von erneuerbaren und nichterneuerbaren Energien bez. Technologie, Umweltprofil, Verfügbarkeit, Produktionsprofil, Verbreitung, Speicherung, Transport, Finanzierungs- und Nutzungsrisiken. • Sie kennen die Merkmale struktureller Disruption in den Energiemärkten und die dynamische Interaktion zwischen erneuerbaren Energien und CO₂-Emissionen. • Sie kennen die rechtlichen und ökonomischen Rahmenbedingungen, welche die Nutzung von erneuerbaren Energien in Industrie- und Schwellenländern typischerweise bestimmen sowie die politischen Dynamiken, die den Umbau der Energiesysteme beschleunigen oder hemmen. • Sie kennen die Hindernisse und Widerstände beim Ausbau von erneuerbaren Energien und die Einfallstore der Integration; • Sie können marktwirtschaftliche und ordnungsrechtliche Instrumente der Energie- und Umweltpolitik einordnen und kennen die Rahmenbedingungen, die eine nachhaltige und effiziente Energiewirtschaft ermöglichen.
Inhalt	<p>Wir untersuchen die Bestimmungsfaktoren für den Energiemix und die Entwicklung der energiebedingten Emissionen 2010-2050:</p> <ul style="list-style-type: none"> • Entwicklung und Potentiale der erneuerbaren Energien, Rolle der Energieeffizienz und Entwicklung der Nutzungskosten • Gesetzgeberische Instrumente und Innovationen für die Transformation der Energiesysteme auf lokaler, nationaler und transnationaler Ebene (Vorschriften, Abgaben, Emissionshandel, Zertifikate usw.) • Ressourcen, Erschöpfungsraten, Wirkung und Risiken der nichterneuerbaren Energien • Technische und institutionelle Innovationen zur Integration von erneuerbaren Energien, politisches und technisches Instrumentarium für eine Vollversorgung mit erneuerbaren Energien an unterschiedlichen Standorten.
Literatur	<p>Power-Point Präsentationen werden den Studierenden vom Dozenten zugestellt. Literatur:</p> <ul style="list-style-type: none"> • REN21 Renewables GLOBAL STATUS REPORT http://www.ren21.net/status-of-renewables/ • UNEP: Global Trends in Renewable Energy Investments Link • Energiestrategie 2050 Faktenblätter des Bundes (PDF): https://www.uvek.admin.ch/uvek/de/home/energie/energiestrategie-2050.html • Ryan Wiser, Mark Bolinger: Wind Technologies Market Report 2015, Lawrence Berkeley National Laboratory Link • IEA PVPS: TRENDS 2014 IN PHOTOVOLTAIC APPLICATIONS http://www.iea-pvps.org/ • Bundesamt für Energie: Perspektiven für die Grosswasserkraft in der Schweiz http://www.news.admin.ch/NSBSubscriber/message/attachments/33285.pdf • Windenergie-Report Deutschland Link • Rudolf Rechsteiner. 100 Prozent erneuerbar (wird als PDF abgegeben) https://duw.unibas.ch/de/umweltgeowissenschaften/
Weblink	https://duw.unibas.ch/de/umweltgeowissenschaften/
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA
Hinweise zur Leistungsüberprüfung	Aktive Teilnahme an der Veranstaltung (inkl. Gruppenarbeiten) sowie Kompetenznachweis (schriftliche Prüfung als Teil des letzten Kursblocks)
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	Online-Angebot fakultativ
Unterrichtssprache	Deutsch
Bemerkungen	Zusammen mit dem Kompetenznachweis sind zwei Kreditpunkte zu erwerben.

49077-01 Vorlesung mit Übungen: Global Change Resources 3 KP

Dozierende	Annette Affolter Kast Jannis Epting Peter Huggenberger
Zeit und Ort	Mo 09:15-18:00 Vesalianum Bloc course: 13.01. to 17.01.20; from 09.15 to 18h.
Datum	13.01.2020
Intervall	Block
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD

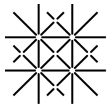


Module	Modul: Environmental Geosciences and Biogeochemistry (Masterstudium: Geowissenschaften) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development)
Lernziele	- Knowledge on the distribution and environmental relevance of critical mineral and non-renewable fossil raw materials; - Understanding the complexity of the steps from extraction to disposal of fossil raw materials, resource consumption such as water or additives in exploration and production as well as aspects of CO ₂ -storage; - Acquisition of knowledge and understanding to critically discuss examples of raw material exploration and recycling; - Familiarity with the role of globalized resource consumption, exploitation and trade of raw materials and arising environmental consequences.
Inhalt	During the course critical minerals which can be found in everyday products (cell phones, cars, etc.), non-renewable fossil raw materials and rare metals (e.g., gallium, lithium, etc.) are introduced by using examples. The development of supply as well as the geological and technological progress over the past decades will be outlined. Thereby, one focus will be placed on the technological developments of extraction, related risks and interactions related to water consumption accompanying fossil raw material exploitation. Ecological impacts of the extraction, production and disposal of critical raw materials as well as worldwide aspects will be addressed by means of case studies. Examples include: historical and current environmental impacts of raw material exploitation in Switzerland, Romania and Indonesia. Processes including CO ₂ -production during cement production, and CO ₂ -storage are illustrated by means of case studies from Switzerland. Also the recovery of critical raw materials (e.g., indium, neodymium, etc.) from waste products (for example electronic equipment) as well as processing steps in the recycling chain will be high-lighted. Swiss pioneering industrial projects on recycling of mineral resources will be presented, including "urban mining" (recovery of critical mineral resources). An introduction to economic, social and regulatory aspects, geopolitical factors and life cycles will be given. Also legal aspects and the impact of existing regulations on the recycling and disposal of waste in Switzerland will be discussed (the new VVEA of Switzerland). Excursion to the most modern recycling facilities (in CH)
Literatur	Recommended texts: Angerer, G. et al.: Rohstoffe für Zukunftstechnologien. Stuttgart, Deutschland: Fraunhofer Verlag (2009). Brown, T. J. et al.: World Mineral Production. Keyworth, Großbritannien: British Geological Survey (2012). Bundesanstalt für Geowissenschaften und Rohstoffe: www.bgr.bund.de/DE/Home/homepage_node.html Graedel, T. E. et al.: Methodology of metal criticality determination. In: Environmental Science and Technology, 46 (2012) 1063–1070. Dieter Lohmann, Nadja Podbregar: Im Fokus: Bodenschätze. Auf der Suche nach Rohstoffen, Berlin / Heidelberg 2012 Rhodia develops innovative process for the recycling of rare earths. Internet: http://www.rhodia.com/en/news_center/news_releases/Rare_earths_130111.tcm . Schüler, D. et al.: Study on Rare Earths and Their Recycling. Öko-Institut e.V. (2011) Final Report for the Greens/EFA Group in the European Parliament, 1–140. SCREEN EU - Solutions for CRITICAL Raw materials - a European Expert Network Terre des hommes: Glück auf? Die Auswirkungen des Bergbaus auf Kinder, Osnabrück September 2011. Weltweiter Verteilungskampf um Ressourcen – Rohstoffe, Wasser, Energie, DBG Bildungswerk, DGB Bildungswerk BUND, Nord Süd-Netz, 2013 nord-sued-netz@dgb-bildungswerk.de
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	eine Wiederholung, bester Versuch zählt
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA



Hinweise zur Leistungsüberprüfung	Written examination on the last course day. Details tba in class (Seminarraum 02.02; Vesalgasse 1, Vesalianum)
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'). Course inscriptions in a different way then explained ARE NOT taken into account. Limited number of participants (25), Students of the MSD and those of the mentioned fields of study (see list of modules) have priority. If you study something different you must do a master's degree within the 'Faculty of Sciences' and may attend the seminar in case of vacancies and former inscription as explained. MSD-Students who have chosen the focus area of social sciences or economics must have completed the "Complementary Knowledge in Natural Sciences" module.
Anmeldung zur Lehrveranstaltung	Mandatory application for ALL! Link open from 14.08.19/noon - 04.09.19/midnight: https://adam.unibas.ch/goto.php?target=crs_544052_rcodeZ5LwyBC5jg&client_id=adam (Login on top row right hand side of ADAM website; list of forms available from 14.08.19/noon on) NOTE: Be aware of special entry requirements. Course inscription via MOnA remains mandatory for all participants.. In case of vacancies the online application link remains open until 09.10.19 Note: Special course inscription and entry requirements!
Bemerkungen	MSD 2017 MSD-Students who have chosen the focus area of social sciences or economics may attend the seminar on condition that they formerly have completed the module "Complementary Knowledge in Natural Sciences". Credits may then be transferred to the "Focal Areas in Sustainability Research" module (learning agreement). Mandatory for MSD-Students who have chosen the focus area of natural sciences. No credit transfer possible to any different module than published. This lecture is offered by MSD, the lecturers J. Epting, P. Huggenberger and A. Affolter will hold teaching assignments.

15999-01	Vorlesung mit Übungen: Globalization of Water Resources	3 KP
Dozierende	Hong Yang	
Zeit und Ort	Mo 09:15-18:00 Vesalianum, Seminarraum (02.02) Bloc course: 27.01. to 31.01.20: from 09.15 to 18h.	
Datum	27.01.2020	
Intervall	Block	
Angebotsmuster	unregelmässig	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	
Module	Modul Wahlbereich Wasser (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development)	
Lernziele	The aims of the course are: - To introduce different perspectives in assessing the global water resources and water challenges facing the world today and in the coming years; - to introduce the concept of virtual water and its role in redistributing global water resources through the trade of food and other commodities; - to understand the repercussions of the globalisation of water resources to the sustainability of economic development and the environment in both the developing and developed countries.	
Inhalt	- Global status of water resources from the physical, economic and environmental viewpoints: facts and flaws; - the concept of virtual water and the role of virtual water trade in redistributing global water resources; - the motivation of virtual water trade and the notion of comparative advantage; - methodological issues concerning the study of the globalisation of water resources;	



Literatur	<ul style="list-style-type: none"> - interdisciplinary approaches, combining natural and social sciences, modelling and GIS techniques, in assessing the global virtual water flows and the trade-offs involved in the trade; - the role of the EU in global virtual water trade; - a brief introduction of other forms of global water trade, e.g., bottled water trade; - implications of globalisation of water resources for regional and national food, water and environmental policies. <p>Allan, J.A., 1997. "Virtual water: A long term solution for water short Middle Eastern Economies?". Occasional Paper, SOAS Water Issues Group, King's Collage, UK. Yang, H., Reichert, P., Abbaspour, K., Zehnder, A.J.B., 2003. "A water resources threshold and its implications for food security". Environmental Science and Technology 37(14): 3048-3054. Yang, H., Wang, L., Abbaspour, K., Zehnder, A.J.B., 2006. "Virtual water highway: assessment of water use efficiency in global virtual water trade". Hydrological and Earth Systems Science.</p>
Leistungsüberprüfung	Leistungsnachweis
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA
Hinweise zur Leistungsüberprüfung	Regular attendance (mandatory), oral presentation, written assessment at the end of the bloc course. Details tba at the beginning of the lecture.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Special course application required for ALL (for details see 'course application'). Limited number of participants (25). Students of the MSD have priority. If you study something different you must do at least a master's degree within the 'Faculty of Sciences'/Departement of Environmental Sciences' and may attend the seminar in case of vacancies and former application as explained.
	MSD2017 Students who have chosen the focus area in social sciences or in economics must have completed the 'Complementary Knowledge in Natural Sciences' module. Credit points are to be transferred to the "Focal Areas in Sustainability Research" module (Learning Agreement).
	For Students who have chosen the Focus area in Natural Sciences this lecture is optional for the "Core Competences in Natural Sciences" module. It is also possible to transfer the credit points to the "Focal Areas in Sustainability Research" module (Learning Agreement).
	MSD 2010 Studierende, welche die Grundlagen- und Aufbaubereiche Phil.-Nat. zu absolvieren haben, müssen diese weitestgehend abgeschlossen haben. Mandatory course application for ALL: Link open from 14.08.19/noon - 04.09.19/midnight:
Anmeldung zur Lehrveranstaltung	LINK LINK LINK LINK (Login on top row right hand side of ADAM website; list of forms available from/noon on) In case of vacancies the online registration link remains open until 09.10.19. Registration on MOnA remains mandatory. Dayly classes from 27. to 31. January 2020/from 9.15 to 18h (breaks according to announcement).
Bemerkungen	This lecture is offered by MSD. The lecturer, Prof. Dr. H. Yang, is honory professor at Unibas, she works at EAWAG.

Modul: Kernbereich Gesellschaftswissenschaften

14253-01	Seminar: Environmental Ethics and Intergenerational Justice	3 KP
Dozierende	Barbara Schmitz	
Zeit und Ort	Mi 12:15-14:00 Vesalianum, Seminarraum (O2.02)	
Datum	18.09.2019	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
Module	Modul Grundlagenbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung (Masterstudium:	



	<p>Sustainable Development (Studienbeginn vor 01.08.2017)) 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)</p>
Lernziele	<p>The participants know - different approaches in environmental ethics; - the specific problems of intergenerational justice.</p>
Inhalt	<p>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. The literature is presented at the beginning of the seminar.</p>
Literatur	<p>Lehrveranst.-begleitend</p>
Leistungsüberprüfung	<p>1-6 0,1</p>
Skala	<p>keine Wiederholungsprüfung</p>
Wiederholungsprüfung	<p>An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA</p>
An-/Abmeldung zur Prüfung	<p>Regular attendance (mandatory), required readings, oral presentation, essay.</p>
Hinweise zur Leistungsüberprüfung	
Belegen bei Nichtbestehen	<p>beliebig wiederholbar</p>
Einsatz digitaler Medien	<p>Online-Angebot fakultativ</p>
Unterrichtssprache	<p>Englisch</p>
Teilnahmevoraussetzungen	<p>Special course application required for ALL (for details see 'course application' or 'Anmeldung'). Course application in a different way then explained ARE NOT taken into account.</p>
	<p>Limited number of participants (25), Students of the MSD 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 'Faculty of Humanities and Social Sciences'/ Department of Social Sciences, and may attend the seminar in case of vacancies and former application as explained.</p>
Anmeldung zur Lehrveranstaltung	<p>Mandatory application for ALL! Link open from 14.08.19y/noon - 04.09.19/midnight: https://adam.unibas.ch/goto.php?target=crs_544052_rcodeZ5LwyBC5jg&client_id=adam (Login on top row right hand side of ADAM website; list of forms available from 14.08.19/ noon on) NOTE: Be aware of special entry requirements. Course inscription via MOnA remains mandatory for all participants.. In case of vacancies the online application link remains open until the second week of teaching + 2 days.</p>
Bemerkungen	<p>Note: Special course application and entry requirements!</p> <p>MSD students who already have attended a similar class are supposed to contact Prof. Dr. P. Burger and determine with him a substitute. Don't forget to inform C. Chebbi by email about your agreement.</p> <p>MSD 2017 Mandatory for all students (unless the above situation applies to you).</p> <p>MSD 2010</p>



Die Anrechnung erfolgt gemäss publizierten Modulen oder mittels LC für den Vertiefungsbereich Phil.-Hist. Pflicht für alle, sei denn man hat diese LV oder eine vergleichbare schon gemacht (siehe Absatz weiter oben).

This seminar is offered by MSD, Dr. B. Schmitz holds a teaching assignment.

55408-01	Seminar: Future Mobilities		3 KP
	Dozierende	Paul Burger	
	Zeit und Ort	Mi 08:15-10:00 Rosshofgasse (Schnitz), Seminarraum S 01	
	Datum	18.09.2019	
	Intervall	wöchentlich	
	Angebotsmuster	unregelmässig	
	Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
	Module	Modul Wahlbereich Energie und Klimawandel (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Migration, Mobility and Transnationalism (MSG - Changing Societies: Migration – Conflicts – Resources)	
	Lernziele	The goal of the seminar is to provide the student a social science based knapsack to analytically deal with future mobilities. This includes among others an understanding of mobility in terms of (strongly routinized) social interactions, approaches in and evidence from recent research on the relation between quality of life and mobility, or insights from research on future mobility trends (including digitization).	
	Inhalt	Modern mobility is an asset for our quality of life as well as a burden for our socio-ecological system. The well-known burdens include the strong emissions coming from fossil fuel based transportation services such as cars or planes, its heavy land use (airports, streets etc.) or high costs for infrastructure. The assets encompass opportunities to get in touch with other cultures, to experience historic monuments or beautiful landscapes or to establish a European or even global rather than a national identity by being connected to many different places. Mobility is normally related to an individual or social purpose (commuting, leisure, vacation, shopping, conferences etc.). Against the backdrop of the heavy burdens stemming from modern mobility patterns, however, not only the means for mobility, especially cars and planes, but also the purposes have become seriously challenged. Accordingly, the fundamental question in transforming the current to a more sustainable mobility system is in what respect the emissions could be substantially reduced by considering at the same time in what respect the assets should/could be transformed/safeguarded.	
	Literatur	Tba in class.	
	Leistungsüberprüfung	Lehrveranst.-begleitend	
	Skala	1-6 0,1	
	Wiederholungsprüfung	keine Wiederholungsprüfung	
	An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA	
	Hinweise zur Leistungsüberprüfung	Oral presentation and essay.	
	Belegen bei Nichtbestehen	beliebig wiederholbar	
	Einsatz digitaler Medien	kein spezifischer Einsatz	
	Unterrichtssprache	Englisch	
	Teilnahmevoraussetzungen	Special course application required for ALL (for details see 'course application' or 'Anmeldung'). Course application in a different way then explained ARE NOT taken into account. Limited number of participants (25), Students of the MSD, the JIMSD and those of the mentioned fields of study (see list of modules) have priority. If you study something different you must do a master degree within the 'Faculty of Humanities and Social Sciences'/Department of Social Sciences, and may attend the seminar in case of vacancies and former application as explained. MSD 2017 Students who have chosen the Focus area in Natural Sciences or in Economics must have completed the module 'Complementary knowledge in Social Sciences'. No entry requirements for students with Focus area in Social Sciences.	
	Anmeldung zur Lehrveranstaltung	Mandatory application for ALL! Link open from 14.08.19/noon - 04.09.19/midnight: Link tba.	



(Login on top row right hand side of ADAM website; list of forms available from 14.08.19/ noon on)

NOTE: Be aware of special entry requirements. Course inscription via MOnA remains mandatory for all participants..

In case of vacancies the online application link remains open until the second week of teaching + 2 days.

Bemerkungen

Please note entry requirements and course application process.

MSD 2010

Studienvariante Phil.-Hist: Das Seminar ist für den Vertiefungsbereich anrechenbar (learning contract).

MSD 2017

For students with focus area in social sciences the seminar is optional for the "Core Competences in Social Sciences" module.

All students may transfer the credit points to the FASR module (learning agreement).

This seminar is offered by MSD. Prof. Dr. Paul Burger is a member of the teaching committee MSD and head of the Sustainability Research Group, Dep. of Social Sciences, Faculty of Humanities and Social Sciences.

55110-01	Seminar: Klimawandel und Anpassungsstrategien: Exploration der Situation am Oberrhein	3 KP
	Dozierende	Cédric Duchêne-Lacroix
	Zeit und Ort	Mo 12:15-14:00 Soziologie, Hörsaal 215
	Datum	16.09.2019
	Intervall	wöchentlich
	Angebotsmuster	einmalig
	Anbietende Organisationseinheit	Fachbereich Soziologie
	Module	Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Fachkompetenz Globaler Wandel (MSF - Geographie) Modul: Ungleichheit, Konflikt, Kultur (MSF - Soziologie)
	Lernziele	Das Seminar vermittelt überwiegend Fachkompetenz im Bereich Nachhaltigkeit (Ökologie, Ökonomie und Soziales sowie deren Interdependenz) im Rahmen einer konkreten Anwendung sowohl thematisch – Klimaanpassung – als örtlich – Oberrhein. Die Studierenden erwerben empirische Kenntnisse der Organisations- und Umweltsoziologie. Die Studierenden lernen ausserdem, wie sich verschiedene Aspekte sozialer Organisation, Vorstellungen und Vernetzungen auf den Gegenstandsbereich auswirken. Insgesamt ist intendiert, den TeilnehmerInnen eine fundierte Sensibilität für die mannigfaltigen sozialen Aspekte der Klimaanpassung zu vermitteln.
	Inhalt	Das Seminar baut eine Brücke zwischen «Theorien» der Klimaanpassung, der Sustainable Development Goals (SDGs) und der «Realität» der Wahrnehmung und Massnahmen von Organisationen am Oberrhein gegenüber Klimawandel auf. Erwärmung, Überschwemmung, Hitzewelle, starker Wind... Wie in allen Regionen der Welt ist die Oberrheinregion (Rheintal etwa von Basel bis Karlsruhe) durchaus einer Reihe spezifischer Risiken und Vulnerabilitäten ausgesetzt. In den kommenden Jahren werden stärker diese Klimaveränderungen spürbare Auswirkungen auf das Alltagsleben, die Ökologie, die Ökonomie und das Management von Organisationen (KMUs, KMs, Gemeinde, Universität, etc.) haben. Darüber hinaus wird die Einbeziehung der Gesellschaften und der politischen Akteure zweifellos auch ein notwendiger Schritt in der Zukunft sein, um die Anpassung an den Klimawandel in der Grössenordnung des Oberrheins zu organisieren. Diese Problematik ist nicht bloss technisch. Sie ist zugleich eine gesellschaftswissenschaftliche Herausforderung: Welche Wahrnehmung der Klimawandel und deren Effekte haben Organisationen (Unternehmen, politische Institutionen, Vereine)? Welche (nachhaltige) Anpassungsstrategien entwickeln sie intern (Organisation, Sensibilisierung, Praktiken, Produktion) und in Kooperationen mit anderen Organisationen?
		Initiativen gibt es am Oberrhein: u.a. Das Interregprojekt «Clim'ability» ein interdisziplinäres und internationales Konsortium von ForscherInnen und ExpertInnen am Oberrhein. Auf diesem Projekt basiert sich das Seminar. Das Seminar bietet zuerst einen theoretischen Teil über Klimawandel, Vulnerabilität, SDGs, etc. an. Es weitet sich mit konkreten Beispielen am Oberrhein und mit der Präsentation und Übung von empirischen Tools. Dann kommt eine empirische Gruppenphase womit Studierende einen konkreten Fall übernehmen und analysieren. Studierende werden die erworbenen Kenntnisse der Kurse im Fall von lokalen



Organisationen umsetzen. Dieses Seminar lädt zum Referieren über Klimaanpassung und Nachhaltigkeit ForscherInnen und ExpertInnen aus Frankreich, Deutschland und der Schweiz und aus der Multiperspektivität der Fächer (Soziologie, Geographie, Gewerbeverbände, Wetterdienst) ein.

Eine SDG-Exkursion nach Genf (UNO) ist Ende Oktober geplant.

«Diese Lehrveranstaltung wird von «IMPULS - Facilitating Service Learning for Sustainability» unterstützt). Die Kosten für die Projektbearbeitung sowie u.a. den Ausflug nach Genf werden dadurch gedeckt.

Wird im Laufe des Semesters übersandt.

Lehrveranst.-begleitend

Pass / Fail

keine Wiederholungsprüfung

Anmelden: Belegen; Abmelden: nicht erforderlich

Gruppenpräsentation mit Poster oder Webseite

nicht wiederholbar

kein spezifischer Einsatz

Deutsch

Max. 20 Studierende.

Literatur

Leistungsüberprüfung

Skala

Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Hinweise zur Leistungsüberprüfung

Belegen bei Nichtbestehen

Einsatz digitaler Medien

Unterrichtssprache

Bemerkungen

15995-01	Seminar: Political Ecology and Societal Transformations from Anthropological Perspective		3 KP
	Dozierende	Piet Van Eeuwijk	
	Zeit und Ort	Mi 14:15-16:00 Vesalianum, Seminarraum (O2.02)	
	Datum	18.09.2019	
	Intervall	wöchentlich	
	Angebotsmuster	Jedes Herbstsemester	
	Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
	Module	Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Theory and General Anthropology (MSF - Anthropology) Modul: Ungleichheit, Konflikt, Kultur (MSF - Soziologie) Modul: Fields: Environment and Development (MSG - African Studies) Modul: Fields: Governance and Politics (MSG - African Studies) Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)	
	Lernziele	The participants know and understand: - the fundamental contents of contemporary 'political ecology'; - anthropological approaches, perspectives and interpretations with regard to 'nature-culture' relations and 'cultural ecology'; - potential effects of current societal transformations (with a main focus on Global South) on physical environment (based on actual examples); - the quality of interdependency 'social environment-physical environment' against the backdrop of these changes (in Global South and Global North, based on actual examples); - potential consequences of global environmental changes on societies who undergo these transformations (i.e. the intersection of global-local realities).	
	Inhalt	Substantial societal transformations in the Global South encompass, for instance, urbanisation (linked with mobility and migration movements), reconstruction of the physical environment ('landscaping'), economic structural conversions, demographic change and processes of social reconfiguration as well as further alterations such as change of lifestyle ('urbanity') and of leisure activities (linked with tourism). In reference to these comprehensive and big reconfigurations, political ecology postulates that ecological problems caused by these transformations have to be considered within their historical, political, economic and social context and also to be investigated against this multiple background. Thereby, the analysis of environmental complications focuses on the revealing, identification and visualisation of the (vested) interests, the power of control, the balance of power and the power relations of (directly and indirectly) involved actors and their discourses – with a commitment to a future-oriented justice, equity and sustainability. The dynamic being inherent in these reconfigurations in societies in Asia, Africa, Latin America and Oceania shows two meaningful characteristics: 1. The very high pace of these on-going transformations; and 2. the very big number of humans being affected by these processes. It is therefore not surprising that the sustainability of (until now) existing structures and initiated developments in these countries is not ensured anymore due to the velocity of the changes and the quantity of concerned people. The social sciences gradually begin to study and analyse the causes and the effects of these	



transformations in the mentioned societies. In doing so, their research perspectives shed light (up to now) on these changes only within social and cultural agentic entities (e.g. community, household) and hardly on the impact on humans' physical environment and its (mostly negative) repercussion on the societal contexts.

This course will address different actual topics in the light of sustainable development and the above-mentioned transformations as well as of political ecology, as for example: the urban space as future 'hot spot' with multiple life worlds and ways of utilization; logging, mining and oil drilling activities in sensible environments and communities: nature and culture versus the triangle 'power, politics and money' in the extraction world; water as important global resource and simultaneously of vital importance: whose water is it in the future?; ecotourism: its impact on natural resources and social/cultural environment – or is 'eco-' really 'eco-?'; the marine space between hope and hazard, conservation and overexploitation; 'ecohealth': health/illness in the intersection of men-nature-anthropocene; global warming: are local answers enough?; 'biofuel' and the outcomes of food for energy production: how sustainable is 'bio-?'; food and nutrition in global competition: first culture, then nature?; sustainability under high scrutiny: adjusted environment and development programmes – but whose perspective do they represent?; national parks and the power and impotence of different stakeholders; eco-labelling: a current epidemic or rational qualification?; the fate of the 'commons' – or new stimuli for a more just and fairer model of sustainability and equity such as 'earth rights'?

The global flows and the debates about sustainability have revealed that many ecology-focused phenomena affect both Global South and Global North and cannot be ascribed anymore to one world region. We may think about climate change (e.g. climate change migrants), food consumption (e.g. meat production and its consumption; oil palm cultivation and food industry) or commodity trading (e.g. global commodity trading industry, its infrastructure and its financial business). Such dynamics involve more and more ourselves in very direct ways (e.g. as consumer, citizen, broker and/or producer).

With regard to the described transformations and general interactions 'culture-nature' this course poses four general questions:

1. Which impact do these above-stated societal transformations exert on the physical environment (man > nature)?
2. Which effects in reverse do these global or local environmental processes have on the stated societal transformations (nature > man)?
3. Which qualitative assessment and judgment is generated as well by political ecology (for instance, power structures, political economy, in/equity, historicity)?
4. Do new approaches or perspectives/viewpoints of sustainability emerge from these findings?

Literatur

Introductory Literature:

- Biersack, Aletta and Janus B. Greenberg (Eds.). 2006. Reimagining political ecology. Durham: Duke University Press.
- Bryant, Raymond L. (Ed.). 2015. The international handbook of political ecology. Cheltenham and Northampton, MA: Edward Elgar.
- Forsyth, Tim. 2003. Critical political ecology: The politics of environmental science. London: Routledge.
- Lockyer, Joshua and James R. Veteto (Eds.). 2015. Environmental anthropology engaging ecotopia: Bioregionalism, permaculture, and ecovillages. Oxford: Berghahn.
- Neumann, Roderick P. 2016. Making political ecology. New York: Routledge.
- Peet, Richard, Paul Robbins and Michael Watts (Eds.). 2011. Global political ecology. London: Routledge.
- Perreault, Tom, Gavin Bridge and James McCarthy (Eds.). 2015. The Routledge handbook of political ecology. London: Routledge.
- Robbins, Paul. 2012. Political ecology: A critical introduction. 2nd Ed. Chichester: Wiley-Blackwell.
- Stott, Philip A. and Sean Sullivan (Eds.). 2000. Political ecology: Science, myth and power. London: Arnold.
- Zimmerer, Karl S. and Thomas J. Bassett (Eds.). 2003. Political ecology: An integrative approach to geography and environment-development studies. New York: The Guilford Press.

Leistungsüberprüfung

Skala

Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Hinweise zur Leistungsüberprüfung

Belegen bei Nichtbestehen

Einsatz digitaler Medien

Unterrichtssprache

Lehrveranst.-begleitend

1-6 0,1

keine Wiederholungsprüfung

An-/Abmelden: Belegen resp. Stornieren der Belegung via MOA

Regular attendance (mandatory), required readings, oral presentation, essay.

beliebig wiederholbar

Online-Angebot obligatorisch

Englisch



Teilnahmevoraussetzungen	<p>Special course application required for ALL (for details see 'course application' or 'Anmeldung'). Course application in a different way then explained ARE NOT taken into account.</p> <p>Limited number of participants (25), Students of the MSD and those of the mentioned fields of study (see list of modules) have priority. If you study something different you must do a master degree within the 'Faculty of Humanities and Social Sciences'/Department of Social Sciences, and may attend the seminar in case of vacancies and former application as explained.</p> <p>MSD 2017 Students who have chosen the Focus area in Natural Sciences or in Economics must have completed the module 'Complementary knowledge in Social Sciences'. No entry requirements for students with Focus area in Social Sciences.</p>
Anmeldung zur Lehrveranstaltung	<p>Mandatory application for ALL! Link open from 14.08.19/noon - 04.09.19/midnight: https://adam.unibas.ch/goto.php?target=crs_544052_rcodeZ5LwyBC5jg&client_id=adam</p> <p>(Login on top row right hand side of ADAM website; list of forms available from 14.08.19/noon on)</p> <p>NOTE: Be aware of special entry requirements. Course inscription via MOnA remains mandatory for all participants..</p> <p>In case of vacancies the online application link remains open until the second week of teaching + 2 days.</p>
Bemerkungen	<p>Note: Special course application and entry requirements!</p> <p>Anrechnung MSD 2010 Gemäss publizierten Modulen oder mittels LC für den Vertiefungsbereich Phil.-Hist.</p> <p>Credit transfer MSD 2017 Credits may be transferred to the "Focal Areas in Sustainability Research" module (learning agreement).</p> <p>This seminar is offered by MSD, PD Dr. P. van Eeuwijk holds a teaching assignment.</p>

55407-01	Seminar: Risk Society, Science and Nature	3 KP
Dozierende	Rony Emmenegger	
Zeit und Ort	Mi 16:15-18:00 Vesalianum	
Datum	18.09.2019	
Intervall	wöchentlich	
Angebotsmuster	unregelmässig	
Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
Module	Modul Wahlbereich Wasser (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)	
Lernziele	<p>Student are</p> <ul style="list-style-type: none"> - familiar with 'risk'-related concepts and debates in social science and environmental humanities; - able to conceptualize 'risk' within human-environment relations; - able to conduct a conceptually-inspired risk analysis through an engagement with empirical examples; - able to reflect on the meaning of 'sustainable development' for an advancing 'risk society'. 	
Inhalt	<p>The publication of Ulrich Beck's (1986) book titled "Risk Society: On the Road to a Different Modernity" has since shaped the debate about risks in modern times. According to Beck (1986, 1992), modernity means individualization and dissolution of traditions, but also the creation of unprecedented risks that jeopardize human existence. The social science analysis of such a 'risk society' therefore focuses on the distribution of risks which characterize this society and are tackled as central challenges in this society. With his thesis of the 'risk society',</p>	



Ulrich Beck also laid the foundation for a deeper examination of the complex relationship between social developments and environmental problems.

This seminar provides insights into the complexity of human-environment relations that characterizes a 'risk society' and works towards a research agenda for the analysis of environmental problems and risks. The following questions are at the center of this seminar – to be discussed theoretically and through specific examples (waste disposal, invasive species, draught, fluvial hazard and gravitational hazard etc.):

- What is the 'nature' of risk and how can it be conceptually captured within human-environment relations?
- How can humans adapt to risks and how can human-environment relations be reconfigured?
- What means sustainable development for a 'risk society' and how can it be achieved?

Literatur

Leistungsüberprüfung

Skala

Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Belegen bei Nichtbestehen

Einsatz digitaler Medien

Unterrichtssprache

Teilnahmevoraussetzungen

Tba.

Lehrveranst.-begleitend

1-6 0,1

keine Wiederholungsprüfung

An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA

beliebig wiederholbar

kein spezifischer Einsatz

Englisch

Limited number of participants (25), MSD-Students and those of the IJSD have priority. Others are only accepted if they study a master's degree within the "Phil.-Hist."-Faculty and have passed successfully e.g. the lectures "11513-01: Sustainability: A new Societal Paradigm?" or "41829: Social Science Perspectives on Sustainability". Special course inscription required for ALL (for details see "Anmeldung").

Anmeldung zur Lehrveranstaltung

MSD 2017

Students who have chosen the focus area in natural sciences or in economics must have completed the 'Complementary Knowledge in Social Sciences' module.

Mandatory application for ALL: Link open from 16.01.19/noon - 06.02.19/midnight: Link tba

(Login on top row right hand side of ADAM website; list of forms available from 16.01.19/noon on)

NOTE: Be aware of special entry requirements. Course inscription via MOnA remains mandatory.

In case of vacancies the online application link remains open incl. the second week of teaching + 2 days.

Please note entry requirements and course application. process.

Bemerkungen

MSD 2010

Studienvariante Phil.-Hist: Das Seminar ist für den Vertiefungsbereich anrechenbar (learning contract).

MSD 2017

For students with focus area in social sciences the seminar is optional for the "Core Competences in Social Sciences" module.

All students may transfer the credit points to the FASR module (learning agreement).

This seminar is offered by MSD. Dr. Rony Emmenegger is a staff member of the Sustainability Research Group, Dep. of Social Sciences, Faculty of Humanities and Social Sciences.

55730-01	Seminar: Transformations of the State – Changing Roles and Practices of State Governing in Changing Societies	3 KP
	Dozierende	Basil Bornemann
	Zeit und Ort	Di 10:15-11:45 Rosshofgasse (Schnitz), Seminarraum S 01
	Datum	17.09.2019
	Intervall	wöchentlich
	Angebotsmuster	einmalig
	Anbietende Organisationseinheit	Departement Gesellschaftswissenschaften
	Module	Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Staatlichkeit, Entwicklung und Globalisierung



(Masterstudium: European Global Studies)
Modul: Research Lab Kulturanthropologie (MSF - Kulturanthropologie)
Modul: Vertiefung Politikwissenschaft M.A. (MSF - Politikwissenschaft)
Modul: Fields: Governance and Politics (MSG - African Studies)
Modul: Resources and Sustainability (MSG - Changing Societies: Migration – Conflicts – Resources)

Inhalt

Despite frequent associations with continuity and stability, both the idea of statehood and the manifestation of states are subject to constant processes of change, which are driven by diverse social, political, economic, technological and cultural developments. While the earlier formula “from government to governance” implied a general relativization or marginalization of the role of the state, it is now generally acknowledged that states are still important governance actors. However, as part of complex and dynamic governance arrangements in which they work together with social, economic and political actors at different levels to solve common problems, they are subject to ongoing transformations. Being more fundamental and far-reaching than “simple” processes of policy change, these state transformations relate to profound changes in the functions, structures and relationships, as well as governing roles and practices of states towards society and the wider international community. For example, states are developing new ways of (meta-)governing complex governance networks, and change their own internal organization and functioning to prepare for their new roles of network moderators. These state transformations, in turn, directly or indirectly affect social, political, economic, technological and cultural developments.

With a focus on roles and practices of state governance, the proposed seminar examines what happens when states transform: How can contemporary transformations of states be described, explained and evaluated? And how are changing roles and practices of state governing intertwined with changing societies? In order to address these questions, the seminar provides theoretical and methodological foundations for the investigation of the transformation of contemporary states in view of changing societies. In addition, case-related and comparative empirical knowledge will be acquired on how and with what consequences Western liberal states change their internal and external governance roles and practices in relation to ongoing societal changes, such as individualization, value change, sustainable development or digitization.

Leistungsüberprüfung

Lehrveranst.-begleitend

Skala

Pass / Fail

Wiederholungsprüfung

keine Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Anmelden: Belegen; Abmelden: nicht erforderlich

Belegen bei Nichtbestehen

nicht wiederholbar

Einsatz digitaler Medien

kein spezifischer Einsatz

Unterrichtssprache

Englisch

Modul: Kernbereich Wirtschaftswissenschaften

10639-01 Kolloquium: Consumer Behaviour

6 KP

Dozierende

C. Miguel Brendl

Zeit und Ort

Di 08:15-11:45 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32

Datum

17.09.2019

Intervall

unregelmässig

Angebotsmuster

Jedes Herbstsemester

Anbietende Organisationseinheit

Wirtschaftswissenschaftliche Fakultät / WWZ

Module

Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Vertiefungsmodul: Marketing and Strategic Management (Masterstudium: Wirtschaftswissenschaften)

Lernziele

To get acquainted with the area of consumer behavior and with reading academic journal articles. If you are interested in writing a master's thesis in behavioral marketing this course is highly recommended.

Inhalt

We will cover theory from the area of Consumer Behavior. This area uses theories from psychology and develops them further in order to understand the behavior of consumers. To get an impression of the topics, look at the tables of contents of the Journal of Consumer Research or Journal of Consumer Psychology.

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.

Weblink

https://adam.unibas.ch/goto_adam_crs_480685.html

Leistungsüberprüfung

Semesterendprüfung

Skala

1-6 0,1

Wiederholungsprüfung

keine Wiederholungsprüfung

An-/Abmeldung zur Prüfung

Belegen via MOnA innerhalb der Belegfrist



Hinweise zur Leistungsüberprüfung	Your grade will be based on an individual written assignment. While I will not grade participation, failure to attend class would impact your final grade negatively (see course outline).
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	There are no formal pre-requisites. However, if you are a business/economics student who has not previously taken behavioral courses, it is extremely important that you are taking "Microeconomics and Psychology of Decision Making" at the same time as 10639-01. Also, if you want to take all of the following courses, the ideal is a three-semester sequence in this order: 31960-01; 43498-01; 10639-01. If you want to take all of them in a two-semester sequence then you need to first take 31960-01 together with 10639-01 in the fall semester and 43498-01 in the subsequent spring semester.
Anmeldung zur Lehrveranstaltung	The number of participants will be limited to 30. However, in the past we have not surpassed that number. Registration: Please enrol via MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the student administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!
Bemerkungen	Attendance is mandatory as of Session 1. Please note that this is a 6KP course because you will need to do substantial reading at home and the class format requires that you actually do this reading (see course outline).

48409-01	Kolloquium: Corporate Social Responsibility	3 KP
Dozierende	Georg von Schnurbein	
Zeit und Ort	Di 10:15-12:00 Juristische Fakultät, Seminarraum S3 HG.37	
Datum	17.09.2019	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Kernbereich 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)	
Lernziele	- Verständnis der zentralen Konzepte und Methoden von CSR - Anwendung und Diskussion neuester Forschungsergebnisse - Analyse der praktischen Umsetzung von CSR anhand von Fallbeispielen	
Inhalt	Corporate Social Responsibility (CSR) ist in der Unternehmensführung längst mehr geworden als ein Schönwetter-Thema. Heute wird die gesellschaftliche Verantwortung von Unternehmen vor allem in den drei Bereich Ecological, Social und Governance bewertet. Die sogenannten ESG-Faktoren dienen als Grundlage für strategische Entscheidungen, Marketing-Aktionen sowie Firmenbewertungen an Finanzmärkten. In diesem Kolloquium werden aktuelle wissenschaftliche Ergebnisse zu CSR und Fallbeispiele behandelt.	
Literatur	Basisliteratur: Haski-Leventhal, D.: Strategic Corporate Responsibility, Sage, 2018 Weiterhin wird eine Literaturliste mit aktuellen Forschungsartikeln zu Beginn des Kolloquium bekanntgegeben.	
Weblink	www.ceps.unibas.ch/lehre	
Leistungsüberprüfung	Semesterendprüfung	
Skala	1-6 0,1	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist	
Hinweise zur Leistungsüberprüfung	Die Leistungsüberprüfung ist ein max. 5seitiger Diskussionsbeitrag zu einem aktuellen Forschungsartikel	
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Deutsch	



Anmeldung zur Lehrveranstaltung	Anmeldung per Email an alice.hengevoss@unibas.ch spätestens bis zum 16.09.2019. Die Veranstaltung ist auf maximal 20 Personen beschränkt. Die Anmeldung ist verbindlich. Wer zugelassen wird, belegt die Veranstaltung bitte rechtzeitig auch in MOnA. Eucor-Studierende und Studierende anderer CH-Universitäten müssen innerhalb der Belegfrist mit einem Hörschein beim Studiensekretariat im Kollegienhaus belegen. Für alle gilt: Belegen = Anmeldung zur Prüfung.
Bemerkungen	Es besteht eine begrenzte Anzahl an Teilnehmenden von max. 20 Personen.

41684-01 Kolloquium: Modeling in Environmental and Energy Economics 3 KP

Dozierende	Frank Christian Krysiak Hannes Weigt
Zeit und Ort	Fr 14:15-16:00 Juristische Fakultät, Seminarraum S5 HG.54
Datum	20.09.2019
Intervall	unregelmässig
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Modul Aufbaubereich wirtschaftswissenschaftliche Fragen von Nachhaltigkeit (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Wahlbereich Energie und Klimawandel (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Vertiefungsmodul: International Trade, Growth and the Environment (Masterstudium: Wirtschaftswissenschaften) Vertiefungsmodul: Markets and Public Policy (Masterstudium: Wirtschaftswissenschaften)
Lernziele	This course shows how to build environmental and energy economic models and use them to answer policy questions. Students will (in groups) go through the steps of developing and analyzing their own model and interpreting its results.
Inhalt	This course focuses on model building in environmental and energy economics. We discuss the purpose of economic models, types of models, approaches for setting up theoretical and numerical models, solving those models, and interpreting their results. During the course, groups of students will jointly build a simple model and use it to answer an assigned research question.
Literatur	The course consists of online material and supervised group work.
Weblink	All texts and materials (videos) are delivered through an online platform. https://wwz.unibas.ch/de/umweltoekonomie/lehre/
Leistungsüberprüfung	Semesterendprüfung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist
Hinweise zur Leistungsüberprüfung	Performance will be assessed through an essay that describes the model that has been built and its results.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	Online-Angebot obligatorisch
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Basic knowledge in economics (intermediate microeconomics or equivalent). Some background in environmental or energy economics is recommended.
Anmeldung zur Lehrveranstaltung	Registration: Please enrol in MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!

14255-01 Vorlesung: Advanced Environmental Economics 3 KP

Dozierende	Frank Christian Krysiak
Zeit und Ort	Fr 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31
Datum	20.09.2019
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester



Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Modul Aufbaubereich wirtschaftswissenschaftliche Fragen von Nachhaltigkeit (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Vertiefungsmodul: International Trade, Growth and the Environment (Masterstudium: Wirtschaftswissenschaften)
Lernziele	The course will provide -) an overview over central topics in environmental economics and environmental policy; -) training in how to set up, analyze and interpret environmental economic models; -) the necessary concepts and tools to read and understand current research papers in environmental economics; -) competences for assessing current environmental policy and appreciating the problems raised by complications, such as missing cost/benefit information or strategic firm behavior.
Inhalt	<p>This course addresses topics from current research in environmental economics. The focus is on designing environmental policy with applications to climate and energy policy.</p> <p>The course will cover three important elements of designing environmental policy:</p> <ol style="list-style-type: none">1) The ability to cope with complications in the short run, such as missing information about costs and benefits, market power or imperfect compliance;2) The influence of policy on technological change in the long run;3) The evaluation of policy targets: How to set policy targets under uncertainty about costs and benefits. <p>The course will commence with simple problems, as they are discussed in a typical BA course on environmental economics, and will progress to more complex settings found in many applications. We will discuss a range of policy instruments used in climate and energy policy and investigate how they need to be adjusted for being able to cope with real-world complexities.</p> <p>Most parts of the course will be based on environmental economic theory, that is, we will capture the essence of an environmental problem in a model and investigate potential solutions in this context. In addition, we will discuss several current Swiss and European issues of environmental policy.</p> <p>In this course, active participation is essential. Students are expected to read one paper before each lecture and we will discuss the main argument made in the paper as well as applications and extensions in class.</p> <p>The course is complemented by an online course (MOOC), where we discuss environmental and energy economic modeling and where students build and analyze their own model. It is recommended (but not required) to enrol in both courses.</p>
Literatur	<p>The course is based mostly on research papers. A reading list will be distributed at the start of the term. Students are required to read about one paper per week.</p> <p>In addition, we will use some (minor) parts of the text book A. Xepapadeas (1997), "Advanced Principles in Environmental Policy", Edward Elgar. (The book is available in the library; due to its price, I do not recommend to buy it.)</p> <p>Students who are not yet familiar with basic concepts of environmental economics, might benefit from preparing for this course by studying the environmental economics part of R. Perman, Y. Ma, J. McGilvray und M. Common (2003), "Natural Resource and Environmental Economics", 3rd oder 4th Edition, Pearson Education.</p>
Weblink	https://wwz.unibas.ch/de/umweltoekonomie/lehre/
Leistungsüberprüfung	Semesterendprüfung
Skala	1-6 0,1



Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MOA innerhalb der Belegfrist
Hinweise zur Leistungsüberprüfung	Performance will be assessed via a written exam at the end of the term. Exam:
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Advanced students from other programs are admitted, if they have sufficient training in microeconomics and mathematics. Some background in environmental economics is recommended but not required.
Anmeldung zur Lehrveranstaltung	The course is coupled to the online course "MOOC: Modeling in Environmental and Energy Economics" and it is recommended to do both courses during the same term. Registration: Please enrol in MOA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!

41956-01	Vorlesung: Advanced Public Economics: Behavioral Models and Applications	3 KP
Dozierende	Jean-Philippe Nicolai	
Zeit und Ort	Mo 09:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32 Mo 14:15-16:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32 The course will most probably be taught as a blockcourse in the first 2 weeks of September 2019.	
Datum	09.09.2019	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul: Markets and Public Policy (Masterstudium: Wirtschaftswissenschaften)	
Inhalt	<p>DESCRIPTION AND OBJECTIVES:</p> <p>The course investigates public economics under the assumption of non standard agents. Students will explore three fundamental aspects of this discipline: how relaxing the assumption of neoclassical economics can modify the role of government and its intervention; how to curb externalities and finance public goods under non-standard agents; and how the main results in public finance are altered. The course is divided into THREE parts: i) behavioral biases and paternalistic temptation, ii) motivation, iii) social preferences and public goods.</p> <p>The first part of the course focuses on behavioral biases and provides insights on paternalistic regulation. Students will be familiarized with behavioral biases. The nudges will be studied with a special focus on health and energy. The concept of salience, mainly developed by Chetty, will be introduced and we will examine whether salience means a need of information or a new form of paternalism. Then, we will focus on Fahri and Gabaix (2015) who develop a theory of optimal taxation with behavioral agents.</p> <p>The second part is dedicated to motivation and to the crowding-out effect. After defining the crowding out effect, several evidence of such an effect will be studied and we will analyze Benabou and Tirole which provide economic explanations of crowding-out effect.</p> <p>The third part is devoted to social preferences and public goods. Evidence of social preferences will be presented with two main explanations - the warm-glow and the norms - and applied to the provision of public goods. Finally, we will explore the decision of tax evasion under social interactions.</p>	
Literatur	<p>TEXTBOOK:</p> <p>The course will be based on the following book: Policy and choice / William J. Congdon, Jeffrey R. Kling, Sendhil Mullainathan. Washington, D. C. : Brookings Institution Press, 2011.</p>	
Weblink	https://adam.unibas.ch	
Leistungsüberprüfung	Semesterendprüfung	
Skala	1-6 0,1	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Belegen via MOA innerhalb der Belegfrist	



Hinweise zur Leistungsüberprüfung	There is an exam of 2 hours at the end of the semester.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Anmeldung zur Lehrveranstaltung	Registration: Please enrol in MOOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!

12036-01	Vorlesung: Econometrics		6 KP
	Dozierende	Anja Katharina Roth Kurt Schmidheiny	
	Zeit und Ort	Mo 10:15-12:00 Vesalianum - Nebengebäude, Grosser Hörsaal (EO.16) Mi 10:15-12:00 Chemie, Organische, Grosser Hörsaal OC The course starts on September 18, 2019	
	Datum	18.09.2019	
	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) (Pflicht) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) 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 "Fundamentals of Econometric Theory" (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 (2015), Introduction to Econometrics, updated 3rd ed., 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. (2002), Econometric Analysis of Cross Section and Panel Data, MIT Press. Companion textbooks: - Angrist, Joshua D. and Jorn-Steffen Pischke (2009), Mostly Harmless Econometrics: An Empiricist's Companion, Princeton University Press. - Kennedy, Peter (2008), A Guide to Econometrics, 6th ed., Blackwell Publishing.	



Weblink	https://www.schmidheiny.name/teaching/unibas/econometrics/
Leistungsüberprüfung	Semesterendprüfung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist
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 MONA. The grade will solely be determined by the final exam. written exam:
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	Online-Angebot obligatorisch
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 enrol in MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!
Bemerkungen	Students who plan to take other courses in econometrics (Microeconometrics I and II, Time Series Analysis I and II) should follow the course "Fundamentals of Econometric Theory" (41957) along with "Econometrics" (12036).

43030-01	Vorlesung: Energy and Climate Policy - Citizens' Perspectives	3 KP
Dozierende	Aya Kachi	
Zeit und Ort	Do 16:30-20:00 Juristische Fakultät, Pro lure Auditorium EG.44 Attention, the event does not always take place in the same room. The dates and corresponding rooms can be seen below:	
Datum	31.10.2019	
Intervall	wöchentlich	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Vertiefungsmodul: International Trade, Growth and the Environment (Masterstudium: Wirtschaftswissenschaften) Modul: Vertiefung Politikwissenschaft M.A. (MSF - Politikwissenschaft)	
Lernziele	The goal of this course is to understand relevant energy- and climate-policy issues based on current policy debates, and aims to understand the formation of policy preferences in citizens' minds.	
Inhalt	We learn about on-going policy debates and academic research regarding (a) how people perceive these risks, benefits and costs associated with climate and energy policy, (b) what might be reasons for different perceptions across individuals, and (c) how these perceptions might influence their support and acceptance of new policies. We adopt theoretical frameworks from broader disciplines including economics, political science and psychology. Along the course, we also pay close attention to measuring techniques to analyze public opinion in- and outside these issue domains.	
Literatur	Reading materials are mainly from published scholarly articles and reports by international organizations. All relevant reading materials will be provided for download.	
Weblink	https://adam.unibas.ch	
Leistungsüberprüfung	Semesterendprüfung	
Skala	1-6 0,1	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: Studiendekanat	
Hinweise zur Leistungsüberprüfung	(1) Written final exam: you will take a 75-minute written exam during the university's final exam period after the semester. The exam consists of (a) true-false, (b) multiple-choice, (c) short-answer, and (d) open-ended questions. The questions should be answered in English; however, grammatical elements are of less importance in earning points. (2) Research design (group) exercise at the end of the semester.	



Belegen bei Nichtbestehen	written exam:
Einsatz digitaler Medien	beliebig wiederholbar
Unterrichtssprache	kein spezifischer Einsatz
Teilnahmevoraussetzungen	Englisch
Anmeldung zur Lehrveranstaltung	No special requirements. However, some knowledge about intro statistics will be helpful. Registration: Please enrol in MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam! A deregistration is possible until November 22, 2019 by email to studiendekanat-wwz@unibas.ch.
Bemerkungen	The course is 4 h weekly, but only in the second half of the term.

34505-01	Vorlesung: Environmental Law and Public Policy. Risk and Regulation	3 KP
Dozierende	John Wargo	
Zeit und Ort	Mo 09:45-12:15 Wirtschaftswissenschaftliche Fakultät, Seminarraum S13 HG.35 19 until 29 August 2019	
Datum	19.08.2019	
Intervall	Block	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Wahlbereich (Masterstudium: Wirtschaftswissenschaften) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies)	
Inhalt	This graduate course will explore key trends and challenges in the global food sector related to environmental quality and human health. We will focus on corporate innovation, mergers and acquisitions, government regulation, and certification programs. Comparisons will be made among Swiss, EU, and US laws, regulations and corporate policies. Students will examine prohibitive policies, cost-benefit balancing standards, risk ceilings, contamination limits, tax policies, labeling/warning requirements, public subsidies, trade barriers, and certification standards. Students will learn to evaluate the effectiveness of law and policy, and to judge the quality and uncertainty of scientific evidence used to claim that a risk is significant. Each topic will explore how environmental and health risks are assessed, the current legal and policy context, and alternative government and corporate strategies that might reduce negative externalities.	
Literatur	The reading material will be available on ADAM.	
Weblink	https://wwz.unibas.ch/de/summerschool/courses-2019/34505-environmental-law-and-public-policy-risk-and-regulation/	
Leistungsüberprüfung	Semesterendprüfung	
Skala	1-6 0,1	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	An- und Abmelden: Fakultät	
Hinweise zur Leistungsüberprüfung	10% participation; 15% class presentation, essay 1200 words 25%; final in-class exam 50%. Date of final exam: 02.09.19, 14:15	
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Recommended Prerequisites: Solid understanding of business and economics on the BA level Completion of an introductory course in law (BA) would be helpful Introduction to Environmental Economics (Umwelt- und Ressourcenökonomie, 10160) Public Choice and Public Economics (10148)	
Anmeldung zur Lehrveranstaltung	Please register by sending an email to summerschool-wwz@unibas.ch. 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!	
Bemerkungen	Time schedule: Monday, 19 August 2019, 09.45-12.15 Tuesday, 20 August 2019, 09.45-12.15 Wednesday, 21 August 2019, 09.45-12.15 Thursday, 22 August 2019, 09.45-12.15	



Monday 26 August 2019, 09.45-12.15
Tuesday, 27 August 2019, 09.45-12.15
Wednesday, 28 August 2019, 09.45-12.15
Thursday, 29 August 2019, 09.45-12.15

41957-01	Vorlesung: Fundamentals of Econometric Theory		3 KP
	Dozierende	Kurt Schmidheiny	
	Zeit und Ort	Mi 16:30-18:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31	
	Datum	18.09.2019	
	Intervall	wöchentlich	
	Angebotsmuster	Jedes Herbstsemester	
	Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
	Module	Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Spezialisierungsmodul: Areas of Specialization in International and/or Monetary Economics (Masterstudium: International and Monetary Economics) Vertiefungsmodul: Quantitative Methods (Masterstudium: Wirtschaftswissenschaften)	
	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 (Microeconometrics I and II, Time Series Analysis I and II).	
	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. (2002), Econometric Analysis of Cross Section and Panel Data, MIT Press. 	
	Weblink	http://www.schmidheiny.name/teaching/unibas/fundamentals/	
	Leistungsüberprüfung	Semesterendprüfung	
	Skala	1-6 0,1	
	Wiederholungsprüfung	keine Wiederholungsprüfung	
	An-/Abmeldung zur Prüfung	Belegen via MOa innerhalb der Belegfrist	
	Hinweise zur Leistungsüberprüfung	written exam:	
	Belegen bei Nichtbestehen	beliebig wiederholbar	
	Einsatz digitaler Medien	kein spezifischer Einsatz	
	Unterrichtssprache	Englisch	
	Anmeldung zur Lehrveranstaltung	Registration: Please enrol in MOa. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!	
31960-01	Vorlesung: Microeconomics and Psychology of Decision Making		6 KP
	Dozierende	C. Miguel Brendl Ulf Schiller	



Zeit und Ort	Mi 14:15-16:00 Chemie, Organische, Grosser Hörsaal OC Do 14:15-16:00 Chemie, Organische, Grosser Hörsaal OC
Datum	18.09.2019
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Grundlagenmodul: Advanced Topics in Economics (Masterstudium: International and Monetary Economics) (Pflicht) Kernmodul: BWL (Masterstudium: Wirtschaftswissenschaften) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Ausgewählte Themen aus Ökonomie und Rechtswissenschaft (Masterstudium: Actuarial Science) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
Inhalt	Content: The course focuses on human decision behavior, from the perspectives of, both, advanced microeconomics and psychology (without presupposing prior study of it). We illustrate how the same theory is relevant to different disciplines, such as Accounting, Finance, Human Resource Management, Marketing, and Organization Studies. With exceptions, such as Prospect Theory, economics and psychology have had surprisingly little mutual influence. However, interest in an interdisciplinary approach has grown considerably, and this course, being unique in the university landscape, is a response to these developments. We start with the classical microeconomic theory, which is free from logical flaws, because it rests on a set of well specified axioms. Yet, there are many examples where the theory makes "strange" predictions that are not only inconsistent with lay intuition but also with psychological experiments. Psychology on the other hand is focused on experimental methodology and narrow hypotheses that are consistent with experiments, but at the cost of being ill-specified and not allowing for one coherent theory. Studying both approaches will put you in a better position to recognize when each is appropriate, and when it is not.
Weblink	https://adam.unibas.ch
Leistungsüberprüfung	Semesterendprüfung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MoNA innerhalb der Belegfrist
Hinweise zur Leistungsüberprüfung	Written exam: Students' performance in parts 1 (Schiller) & 2 (Brendl) will be jointly graded. There will be no separate grade for either part 1 or part 2. The grade is based on the geometric mean of the points achieved in either part. The practical implication for you is that achieving a good grade requires that you perform well in both parts of the lecture. Date:
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Prerequisites: Completed Bachelor in Business and Economics
Anmeldung zur Lehrveranstaltung	Registration: Please enrol in MoNA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!
Bemerkungen	If the lecture 31960 Advanced Economic Theory/Advanced Microeconomics is already successfully completed, it is not possible to gain further credits with this lecture. For all MIME students: This lecture can be substituted in the Module 1: Advanced Topics in Economics with the lecture 40106 Game Theory and the Theory of the Firm which is taught in spring term.

41904-01	Vorlesung: Topics in Industrial Organization	3 KP
	Dozierende	Catherine Roux
	Zeit und Ort	Di 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31
	Datum	17.09.2019
	Intervall	wöchentlich
	Angebotsmuster	Jedes Herbstsemester



Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul: Markets and Public Policy (Masterstudium: Wirtschaftswissenschaften)
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	Semesterendprüfung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist
Hinweise zur Leistungsüberprüfung	Grading is based on a written final exam (60%) and two homeworks (20%). homework 1: 20%, homework 2: 20%. written exam / 60%: written exam:
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	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 enrol in MOnA. EUCOR-Students have to enrol at the students administration office (studsek@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!

Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften

55413-01	Kolloquium: Sustainability Science Research (social dimension)	1 KP
Dozierende	Paul Burger	
Zeit und Ort	Do 16:15-18:00 Rosshofgasse (Schnitz), Sitzungsraum S 184	
Datum	19.09.2019	
Intervall	wöchentlich	
Angebotsmuster	einmalig	
Anbietende Organisationseinheit	Fachbereich Nachhaltigkeitsforschung	
Module	Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development)	
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 theses, PhD theses etc.), students analyze and discuss thematic and methodological questions related to current disciplinary and interdisciplinary research on sustainability. The detailed program is going to be set in the first session.	
Literatur	-	
Leistungsüberprüfung	Lehrveranst.-begleitend	
Skala	Pass / Fail	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA	
Hinweise zur Leistungsüberprüfung	Presentations	



<p>Belegen bei Nichtbestehen Einsatz digitaler Medien Unterrichtssprache Teilnahmevoraussetzungen Bemerkungen</p>	<p>nicht wiederholbar kein spezifischer Einsatz Englisch Only for MSD students with focus area in social science. MSD 2010: Only for students with focus area in social sciences; mandatory for those writing a master's thesis within the SRG, voluntary for those, writing the thesis within a different research group. The colloquium can either be credited for the published module or for the specialization module in social sciences (Learning Contract). MSD 2017: Mandatory for all students who have chosen the focus area in social sciences (credits are earned for the module "Preparation master's thesis in Social Sciences" (Learning Agreement). This colloquium is offered by MSD. Prof. Dr. P. Burger is head of the Sustainability Research Group, Dep. Social Sciences, Faculty of Humanities and Social Sciences</p>
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<p>49078-01</p>	<p>Kurs: Research Design Master's Thesis</p>	<p>3 KP</p>
<p>Dozierende</p>	<p>Paul Burger Patricia Holm Frank Christian Krysiak</p>	
<p>Zeit und Ort</p>	<p>Mo 08:15-10:00 Vesalianum Group meetings for all participants: - meeting 1: 23.09.19: 8.15 - 10.00h (am.) - meeting 2: 07.10.19: 8.15 - 10.30h (am.) - meeting 3: ddmmyy/tba</p>	
<p>Datum</p>	<p>23.09.2019</p>	
<p>Intervall</p>	<p>unregelmässig</p>	
<p>Angebotsmuster</p>	<p>Jedes Semester</p>	
<p>Anbietende Organisationseinheit</p>	<p>Archäologie / Humangeographie / MSD</p>	
<p>Module</p>	<p>Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)</p>	
<p>Lernziele</p>	<p>The students - know how to prepare a research proposal for their master's thesis in a structured, systematic and scientific manner; - know 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 to non-academic fields (such as politics, business etc.); - are familiar with formal requirements to a master's thesis (correct citation, presentation of graphs, figures, results, plagiarism etc.).</p>	
<p>Inhalt</p>	<p>Writing a master's thesis on a sustainability relevant topic 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. This course is thought to support the students in developing in a structured, systematic and scientific manner their research proposal. 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. Still 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 group will split into</p>	



<p>Leistungsüberprüfung Skala Wiederholungsprüfung An-/Abmeldung zur Prüfung Hinweise zur Leistungsüberprüfung</p> <p>Belegen bei Nichtbestehen Einsatz digitaler Medien Unterrichtssprache Teilnahmevoraussetzungen</p>	<p>three groups and the students will develop their research proposal along the specific requirements according their own focus areas. Lehrveranst.-begleitend 1-6 0,1 keine Wiederholungsprüfung An-/Abmelden: Belegen resp. Stornieren der Belegung via MOaA Outline of the planned master's thesis' research design.</p> <p>beliebig wiederholbar kein spezifischer Einsatz Englisch Exclusively for MSD students.</p> <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 their "Preparation Master's Thesis" module. For details see guidelines and medium-term syllabus.</p>
<p>Anmeldung zur Lehrveranstaltung</p>	<p>Please register on MOaA as soon as possible (no additional course application).</p>
<p>Bemerkungen</p>	<p>Group meetings for all participants: - meeting 1: 23.09.19: 8.15 - 10.00h (am.) - meeting 2: 07.10.19: 8.15 - 10.30h (am.) - meeting 3: ddmmy/tba</p> <p>Additional meetings according to agreements with responsible professors.</p> <p>This course is offered by MSD:Prof. Dr. Patricia Holm, Paul Burger and Frank Krysiak (lead). They are heading the MSD teaching committee.</p>

<p>31938-01</p>	<p>+ Seminar: Qualitative Data Analysis in African Studies</p>	<p>3 KP</p>
<p>Dozierende Zeit und Ort Datum Intervall Angebotsmuster Anbietende Organisationseinheit Module</p>	<p>Elisio Macamo Mi 10:00-12:00 Rheinsprung 21, Seminarraum 00.002 18.09.2019 wöchentlich Jedes Herbstsemester Fachbereich Soziologie Modul: Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) 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)</p>	
<p>Lernziele</p>	<p>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</p> <p>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.</p>	
<p>Inhalt</p>	<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</p>	



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.

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.

Literatur	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
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: nicht erforderlich
Hinweise zur Leistungsüberprüfung	Presentation
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Bemerkungen	Gilt für Soziologiestudierende als QL II Veranstaltung.

48555-01 Seminar: Research Methods in Social and Political Science 3 KP

Dozierende	Florian Weiler
Zeit und Ort	Mo 10:15-11:45 Kollegienhaus, Seminarraum 106
Datum	16.09.2019
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: Methoden und Felder der Kulturanthropologie (BSF - Kulturanthropologie) 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	- 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	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 the catch up with the required knowledge. In the following part of the course we will discuss the basics of statistical modelling, i.e. what is a model, how does it relate to the data generating process, and which are the elements needed in each statistical model. After this short theoretical part, we will 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 fixed. Next, we will



discuss maximum likelihood estimation and then apply this technique to binary and categorical dependent variables (logit, probit, count models, etc.). In all these parts of the course, we will discuss how to improve the basic models. The focus of the course is not in mathematics, but to give students an intuition of how the different modelling techniques actually work. In addition, the course will be very hands-on and application-oriented. Thus, 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	- Wooldridge, Jeffrey M. (2002). Introductory Econometrics. A Modern Approach. Mason, OH: Cengage Learning. - Fox, John (2008). Applied Regression Analysis. Los Angeles, London: Sage. - Fox, John and Sanford Weisberg (2011). An R Companion to Applied Regression. Los Angeles, London: Sage. - Agresti, Alan and Barbara Finlay (2009): Statistical Methods for the Social Sciences. Upper Daddle River, NJ: Pearson Prentice Hall.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	Pass / Fail
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: nicht erforderlich
Hinweise zur Leistungsüberprüfung	Term paper (50%), 3 problem sets (50%)
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Deutsch
Teilnahmevoraussetzungen	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 the catch up with the required knowledge.) The number of participants is limited to 25 people. The places are assigned according to date of enrollment and subject of study. Priority will be given to students of Political Science and Sociology.
Anmeldung zur Lehrveranstaltung	durch Belegen in MOa
Bemerkungen	The number of participants is limited to 25 people. The places are assigned according to date of enrollment and subject of study. Priority will be given to students of Political Science and Sociology.

49855-01	Tutorat: Research Methods in Social and Political Science	2 KP
Dozierende	Gabriel Farkas	
Zeit und Ort	Do 08:15-10:00 Wirtschaftswissenschaftliche Fakultät, Grosses PC-Labor S18 HG.37	
Datum	19.09.2019	
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)	
Leistungsüberprüfung	Lehrveranst.-begleitend	
Skala	Pass / Fail	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Anmelden: Belegen; Abmelden: nicht erforderlich	
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	kein spezifischer Einsatz	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	The number of participants is limited to 25 people. The places are assigned according to date of enrollment and subject of study. Priority will be given to students of Political Science and Sociology.	
Anmeldung zur Lehrveranstaltung	durch Belegen in MOa	
Bemerkungen	The number of participants is limited to 25 people. The places are assigned according to date of enrollment and subject of study. Priority will be given to students of Political Science and Sociology.	

Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften



41684-01	Kolloquium: Modeling in Environmental and Energy Economics	3 KP
Dozierende	Frank Christian Krysiak Hannes Weigt	
Zeit und Ort	Fr 14:15-16:00 Juristische Fakultät, Seminarraum S5 HG.54	
Datum	20.09.2019	
Intervall	unregelmässig	
Angebotsmuster	Jedes Herbstsemester	
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ	
Module	Modul Aufbaubereich wirtschaftswissenschaftliche Fragen von Nachhaltigkeit (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Wahlbereich Energie und Klimawandel (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Vertiefungsmodul: International Trade, Growth and the Environment (Masterstudium: Wirtschaftswissenschaften) Vertiefungsmodul: Markets and Public Policy (Masterstudium: Wirtschaftswissenschaften)	
Lernziele	This course shows how to build environmental and energy economic models and use them to answer policy questions. Students will (in groups) go through the steps of developing and analyzing their own model and interpreting its results.	
Inhalt	This course focuses on model building in environmental and energy economics. We discuss the purpose of economic models, types of models, approaches for setting up theoretical and numerical models, solving those models, and interpreting their results. During the course, groups of students will jointly build a simple model and use it to answer an assigned research question.	
Literatur	The course consists of online material and supervised group work.	
Weblink	All texts and materials (videos) are delivered through an online platform. https://wwz.unibas.ch/de/umweltoekonomie/lehre/	
Leistungsüberprüfung	Semesterendprüfung	
Skala	1-6 0,1	
Wiederholungsprüfung	keine Wiederholungsprüfung	
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist	
Hinweise zur Leistungsüberprüfung	Performance will be assessed through an essay that describes the model that has been built and its results.	
Belegen bei Nichtbestehen	beliebig wiederholbar	
Einsatz digitaler Medien	Online-Angebot obligatorisch	
Unterrichtssprache	Englisch	
Teilnahmevoraussetzungen	Basic knowledge in economics (intermediate microeconomics or equivalent). Some background in environmental or energy economics is recommended.	
Anmeldung zur Lehrveranstaltung	Registration: Please enrol in MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!	
49078-01	Kurs: Research Design Master's Thesis	3 KP
Dozierende	Paul Burger Patricia Holm Frank Christian Krysiak	
Zeit und Ort	Mo 08:15-10:00 Vesalianum Group meetings for all participants: - meeting 1: 23.09.19: 8.15 - 10.00h (am.) - meeting 2: 07.10.19: 8.15 - 10.30h (am.) - meeting 3: ddmmyy/tba	
Datum	23.09.2019	
Intervall	unregelmässig	
Angebotsmuster	Jedes Semester	
Anbietende Organisationseinheit	Archäologie / Humangeographie / MSD	



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 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 to non-academic fields (such as politics, business etc.); - are familiar with formal requirements to a master's thesis (correct citation, presentation of graphs, figures, results, plagiarism etc.).
Inhalt	Writing a master's thesis on a sustainability relevant topic 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. This course is thought to support the students in developing in a structured, systematic and scientific manner their research proposal. 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. Still 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 group will split into three groups and the students will develop their research proposal along the specific requirements according their own focus areas.
Leistungsüberprüfung	Lehrveranst.-begleitend
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA
Hinweise zur Leistungsüberprüfung	Outline of the planned master's thesis' research design.
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Exclusively for MSD students. 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 their "Preparation Master's Thesis" module. For details see guidelines and medium-term syllabus.
Anmeldung zur Lehrveranstaltung	Please register on MOnA as soon as possible (no additional course application).
Bemerkungen	Group meetings for all participants: - meeting 1: 23.09.19: 8.15 - 10.00h (am.) - meeting 2: 07.10.19: 8.15 - 10.30h (am.) - meeting 3: ddmmy/tba Additional meetings according to agreements with responsible professors. This course is offered by MSD: Prof. Dr. Patricia Holm, Paul Burger and Frank Krysiak (lead). They are heading the MSD teaching committee.



Dozierende	Frank Christian Krysiak
Zeit und Ort	Fr 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31
Datum	20.09.2019
Intervall	wöchentlich
Angebotsmuster	Jedes Herbstsemester
Anbietende Organisationseinheit	Wirtschaftswissenschaftliche Fakultät / WWZ
Module	Modul Aufbaubereich wirtschaftswissenschaftliche Fragen von Nachhaltigkeit (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Vertiefungsmodul: International Trade, Growth and the Environment (Masterstudium: Wirtschaftswissenschaften)
Lernziele	The course will provide -) an overview over central topics in environmental economics and environmental policy; -) training in how to set up, analyze and interpret environmental economic models; -) the necessary concepts and tools to read and understand current research papers in environmental economics; -) competences for assessing current environmental policy and appreciating the problems raised by complications, such as missing cost/benefit information or strategic firm behavior.
Inhalt	<p>This course addresses topics from current research in environmental economics. The focus is on designing environmental policy with applications to climate and energy policy.</p> <p>The course will cover three important elements of designing environmental policy: 1) The ability to cope with complications in the short run, such as missing information about costs and benefits, market power or imperfect compliance; 2) The influence of policy on technological change in the long run; 3) The evaluation of policy targets: How to set policy targets under uncertainty about costs and benefits.</p> <p>The course will commence with simple problems, as they are discussed in a typical BA course on environmental economics, and will progress to more complex settings found in many applications. We will discuss a range of policy instruments used in climate and energy policy and investigate how they need to be adjusted for being able to cope with real-world complexities.</p> <p>Most parts of the course will be based on environmental economic theory, that is, we will capture the essence of an environmental problem in a model and investigate potential solutions in this context. In addition, we will discuss several current Swiss and European issues of environmental policy.</p> <p>In this course, active participation is essential. Students are expected to read one paper before each lecture and we will discuss the main argument made in the paper as well as applications and extensions in class.</p> <p>The course is complemented by an online course (MOOC), where we discuss environmental and energy economic modeling and where students build and analyze their own model. It is recommended (but not required) to enrol in both courses.</p>
Literatur	<p>The course is based mostly on research papers. A reading list will be distributed at the start of the term. Students are required to read about one paper per week.</p> <p>In addition, we will use some (minor) parts of the text book A. Xepapadeas (1997), "Advanced Principles in Environmental Policy", Edward Elgar. (The book is available in the library; due to its price, I do not recommend to buy it.)</p> <p>Students who are not yet familiar with basic concepts of environmental economics, might benefit from preparing for this course by studying the environmental economics part of R. Perman, Y. Ma, J. McGilvray und M. Common (2003), "Natural Resource and Environmental</p>



Economics", 3rd oder 4th Edition, Pearson Education.

Weblink	https://wwz.unibas.ch/de/umweltoekonomie/lehre/
Leistungsüberprüfung	Semesterendprüfung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist
Hinweise zur Leistungsüberprüfung	Performance will be assessed via a written exam at the end of the term. Exam:
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Advanced students from other programs are admitted, if they have sufficient training in microeconomics and mathematics. Some background in environmental economics is recommended but not required.
Anmeldung zur Lehrveranstaltung	The course is coupled to the online course "MOOC: Modeling in Environmental and Energy Economics" and it is recommended to do both courses during the same term. Registration: Please enrol in MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!

12036-01	Vorlesung: Econometrics		6 KP
	Dozierende	Anja Katharina Roth Kurt Schmidheiny	
	Zeit und Ort	Mo 10:15-12:00 Vesalianum - Nebengebäude, Grosser Hörsaal (EO.16) Mi 10:15-12:00 Chemie, Organische, Grosser Hörsaal OC The course starts on September 18, 2019	
	Datum	18.09.2019	
	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) (Pflicht) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) 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 "Fundamentals of Econometric Theory" (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.	



<p>Weblink</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>Anmeldung zur Lehrveranstaltung</p> <p>Bemerkungen</p>	<p>Introductory textbook: - Stock, James H. and Mark W. Watson (2015), Introduction to Econometrics, updated 3rd ed., Pearson.</p> <p>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. (2002), Econometric Analysis of Cross Section and Panel Data, MIT Press.</p> <p>Companion textbooks: - Angrist, Joshua D. and Jorn-Steffen Pischke (2009), Mostly Harmless Econometrics: An Empiricist's Companion, Princeton University Press. - Kennedy, Peter (2008), A Guide to Econometrics, 6th ed., Blackwell Publishing. https://www.schmidheiny.name/teaching/unibas/econometrics/</p> <p>Semesterendprüfung 1-6 0,1</p> <p>keine Wiederholungsprüfung</p> <p>Belegen via MONA innerhalb der Belegfrist</p> <p>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 MONA. The grade will solely be determined by the final exam.</p> <p>written exam: beliebig wiederholbar</p> <p>Online-Angebot obligatorisch</p> <p>Englisch</p> <p>Prerequisites: Completed BA in Business and Economics and basic knowledge in statistics, particularly the linear regression model</p> <p>Registration: Please enrol in MONA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!</p> <p>Students who plan to take other courses in econometrics (Microeconometrics I and II, Time Series Analysis I and II) should follow the course "Fundamentals of Econometric Theory" (41957) along with "Econometrics" (12036).</p>
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<p>31960-01</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>Inhalt</p>	<p>Vorlesung: Microeconomics and Psychology of Decision Making</p> <p>C. Miguel Brendl</p> <p>Ulf Schiller</p> <p>Mi 14:15-16:00 Chemie, Organische, Grosser Hörsaal OC Do 14:15-16:00 Chemie, Organische, Grosser Hörsaal OC</p> <p>18.09.2019</p> <p>wöchentlich</p> <p>Jedes Herbstsemester</p> <p>Wirtschaftswissenschaftliche Fakultät / WWZ</p> <p>Grundlagenmodul: Advanced Topics in Economics (Masterstudium: International and Monetary Economics) (Pflicht) Kernmodul: BWL (Masterstudium: Wirtschaftswissenschaften) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul: Ausgewählte Themen aus Ökonomie und Rechtswissenschaft (Masterstudium: Actuarial Science) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)</p> <p>Content: The course focuses on human decision behavior, from the perspectives of, both, advanced microeconomics and psychology (without presupposing prior study of it). We illustrate how the same theory is relevant to different disciplines, such as Accounting, Finance, Human Resource Management, Marketing, and Organization Studies. With exceptions, such as Prospect Theory, economics and psychology have had surprisingly little mutual influence.</p>	<p>6 KP</p>
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However, interest in an interdisciplinary approach has grown considerably, and this course, being unique in the university landscape, is a response to these developments.

We start with the classical microeconomic theory, which is free from logical flaws, because it rests on a set of well specified axioms. Yet, there are many examples where the theory makes "strange" predictions that are not only inconsistent with lay intuition but also with psychological experiments. Psychology on the other hand is focused on experimental methodology and narrow hypotheses that are consistent with experiments, but at the cost of being ill-specified and not allowing for one coherent theory. Studying both approaches will put you in a better position to recognize when each is appropriate, and when it is not.

Weblink	https://adam.unibas.ch
Leistungsüberprüfung	Semesterendprüfung
Skala	1-6 0,1
Wiederholungsprüfung	keine Wiederholungsprüfung
An-/Abmeldung zur Prüfung	Belegen via MOnA innerhalb der Belegfrist
Hinweise zur Leistungsüberprüfung	Written exam: Students' performance in parts 1 (Schiller) & 2 (Brendl) will be jointly graded. There will be no separate grade for either part 1 or part 2. The grade is based on the geometric mean of the points achieved in either part. The practical implication for you is that achieving a good grade requires that you perform well in both parts of the lecture. Date:
Belegen bei Nichtbestehen	beliebig wiederholbar
Einsatz digitaler Medien	kein spezifischer Einsatz
Unterrichtssprache	Englisch
Teilnahmevoraussetzungen	Prerequisites: Completed Bachelor in Business and Economics
Anmeldung zur Lehrveranstaltung	Registration: Please enrol in MOnA. EUCOR-Students and students of other Swiss Universities have to enrol at the students administration office (studseksupport1@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!
Bemerkungen	If the lecture 31960 Advanced Economic Theory/Advanced Microeconomics is already successfully completed, it is not possible to gain further credits with this lecture. For all MIME students: This lecture can be substituted in the Module 1: Advanced Topics in Economics with the lecture 40106 Game Theory and the Theory of the Firm which is taught in spring term.