

Universität Basel

Masterstudium: Sustainable Development

The aim of the study program:

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

Academic degree:

Master of Science in Sustainable Development

Structure:

The 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 major study focus (Studienvarianten). Precise information concerning the choice of the modules are documented in the paragraph 7 of the study regulations. Further explanations can also be found in the guidelines (probably available in August). Both documents can be downloaded via www.msd.unibas.ch.

You can find a graphic representation of the three study alternatives on our website under: <https://www.msd.unibas.ch/de/home/studies/struktur.html>.

Head of the MSD:

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

Since the middle of 2016 the chair of the teaching committee is taken by Prof. Dr. Patricia Holm, head of the research group Man-Society-Environment (MSE), Department Environmental Science, Faculty of Science. 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: <http://www.msd.unibas.ch>.

The commented course directory (KVV) 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 commented course directory (KVV) and the medium-term syllabus have to be considered: https://www.msd.unibas.ch/de/home/studies/Programm_MSD2010.html.

Studienfachberatung:

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

Address of the coordination office MSD: Vesalgasse 1, CH-4051 Basel.

Consultation hours have to be arranged in advance.

For general office hours of the coordination office see the MSD-website: www.msd.unibas.ch.

Modul: Komplementärer Basisbereich Naturwissenschaften

| | | |
|--|---|------|
| 20721-01 | Vorlesung mit Übungen: Ecosystems - Concepts, Principles and Processes | 3 KP |
| Dozierende | Vanessa Kunz | |
| Zeit | Anouk N'Guyen van Chinh Di 10:15-12:00 Vesalianum, Seminarraum (O2.02) Do 16:15-18:00 Vesalianum, Seminarraum (O2.02) Lecture: Tuesday, 08.15-10.00h/weekly; practical course: Thursday, 16.15-18.00h (7 x 2 hours) Written examination on 16 January 2018: 10.15 - 12.00h. | |
| Beginndatum | 19.09.2017 | |
| 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

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

Hinweise zur Leistungsüberprüfung

Lecture:

Written examination on 16 January 2018: 10.15 - 12.00h.

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!

Wiederholtes Belegen

beliebig wiederholbar

Präsenz/E-Learning

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 degree within the 'Faculty of Sciences'.

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

Bemerkungen

Mandatory lecture for MSD-Students.

Teaching takes place: lecture: Tuesday, 10.15-12.00h/weekly; practical course: Thursday, 16.15-18.00h (7 x 2 hours, dates tba).

41828-01 Vorlesung mit Übungen: Perspectives of natural sciences on sustainability 3 KP

Dozierende

Patricia Holm

Zeit

Di 14:15-16:00 Kollegienhaus, Hörsaal 114

Beginndatum

Kick-off event: 19.09.17: 14.15 - 18.00h (Aula, Kollegienhaus, together with 41828)

Intervall

19.09.2017

Angebotsmuster

wöchentlich

Jedes Herbstsemester



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|--|--|
| 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) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) |
| Lernziele | The students - know current challenges of a 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 a SD; - know which issues different natural sciences disciplines raise and know their expected contribution to the analysis of SD; - can formulate reasonable expectations towards different disciplines of natural sciences. Students are expected to - understand basic scientific methods in natural sciences; - have fundamental knowledge in natural sciences, which allow a critical appraisal of environmental issues and SD; - are aware of interrelations within the environment and between human and nature; - practice goal-oriented group work. |
| Inhalt | The course is offered within the scope of the trans-faculty program "Sustainable Development (TQ NE)". The program consists of 3 introductory lectures with practical course (lecture A and B, respectively, offered in fall terms, C offered in spring terms) dedicated to conveying the foundations of sustainable development. An additional integration seminar (D, offered in spring terms) engages with interdisciplinary work. The assignment and completion of D requires the successful completion of two lectures from A, B, C. 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. |
| Leistungsüberprüfung | Leistungsnachweis |
| Skala | 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA |
| Hinweise zur Leistungsüberprüfung | Regular attendance of lecture and practical course, written examination on 19.12.17, 14.15-16h). |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |
| Teilnahmevoraussetzungen | This lecture is open to students from the university who at least are studying in their third semester. |
| Bemerkungen | The kick-off event is organized together with lecture B (41829). 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 several sessions of practical course (each 90 minutes; 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. 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. Holm and determine with her a substitute. Don't forget to inform C. Chebbi by email about your agreement.

This course is offered by the trans-faculty program "Sustainable Development" (TQ NE), Prof. Dr. P. Holm is head of the trans-faculty program "Sustainable Development" and of Men-Society-Environment, Dep. Environmental Sciences, Faculty of Sciences.

Modul: Komplementärer Basisbereich Gesellschaftswissenschaften

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|--|---|------|
| 14253-01 | Seminar: Environmental Ethics and Intergenerational Justice | 3 KP |
| Dozierende | Barbara Schmitz | |
| Zeit | Di 14:15-16:00 Vesalianum Do 12:15-14:00 Vesalianum, Seminarraum (O2.02) | |
| Beginndatum | 19.09.2017 | |
| 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) Modul Culture and Society (MSG - African Studies (Studienbeginn vor 01.08.2013)) Modul Environment and Human Well-Being (MSG - African Studies (Studienbeginn vor 01.08.2013)) | |
| 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 | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA | |
| Hinweise zur Leistungsüberprüfung | Regular attendance, required reading, oral presentation, essay. | |
| Wiederholtes Belegen | beliebig wiederholbar | |
| Präsenz/E-Learning | Online-Angebot fakultativ | |
| Unterrichtssprache | Englisch | |



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| 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. |
| Anmeldung zur Lehrveranstaltung | 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' and may attend the seminar in case of vacancies and former inscription as explained. Mandatory course inscription for ALL (additional to registration on MOnA): Link open from 22.08.17/noon - 06.09.17/midnight LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html In case of vacancies the online inscription link remains open until the second date of teaching + 2 days. NOTE: Course registration via MOnA remains mandatory for all participants. |
| Bemerkungen | Note: Special course inscription 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. Anrechnung MSD 2010 Gemäss publizierten Modulen oder mittels LC für den Vertiefungsbereich Phil.-Hist. This seminar is offered by MSD, Dr. B. Schmitz holds a teaching assignment. |

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| 41829-01 | Vorlesung mit Übungen: Perspectives of social sciences on sustainability | 3 KP |
| Dozierende | Basil Bornemann | |
| Zeit | Di 16:15-18:00 Alte Universität, Seminarraum -201 | |
| Beginndatum | Kick-off event: 19.09.17: 14.15 - 18.00h (Aula Kollegienhaus, together with 41828) 19.09.2017 | |
| 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 Umweltwissenschaften (Bachelor Geowissenschaften (Studienbeginn vor 01.08.2015)) 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 Globalisierung, Kultur und Internationale Entwicklung (BSF - Geographie (Studienbeginn vor 01.08.2015)) 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 | |



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| Inhalt | <p>The lecture is offered within the scope of the trans-faculty program "Sustainable Development (TQ NE)". The program consists of 3 introductory lectures with practical courses (lecture A + B, respectively, offered in fall terms, C offered in spring terms) dedicated to conveying the foundations of sustainable development. An additional integration seminar (D, offered in spring terms) engages with interdisciplinary work. The assignment and completion of D requires the successful completion of two lectures from A, B, C.</p> <p>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.)</p> <p>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.</p> |
| Literatur | tba |
| Leistungsüberprüfung | Leistungsnachweis |
| Skala | 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA |
| Hinweise zur Leistungsüberprüfung | Regular attendance of lecture and practical course, written examination (date in and venue tba, time: 16.15-17.45h. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |
| Teilnahmevoraussetzungen | This class is open to students from the university who at least are studying in their third semester. |
| Bemerkungen | <p>The kick-off event is organized together with lecture A (41828). 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 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).</p> <p>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. Please send an email to coordination-msd@unibas.ch, with details of first and last name, student number, postal address.</p> <p>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 inform C. Chebbi by email about your agreement.</p> <p>This lecture is offered by the trans-faculty program "Sustainable Development" (TQ NE), Dr. Basil Bornemann is staff member of the Sustainability Research Group, Department of Social Sciences.</p> |



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| 48981-01 | Vorlesung: Intensive Introduction to Intermediate Economics | 6 KP |
| Dozierende | Dragan Ilic | |
| Zeit | Mi 10:15-12:00 Juristische Fakultät, Seminarraum S4 HG.56 Fr 12:15-14:00 Kollegienhaus, Seminarraum 104 | |
| Beginndatum | 20.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| 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) 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) | |
| Leistungsüberprüfung | Semesterendprüfung | |
| Skala | 1-6 0,1 | |
| Wiederholungsprüfung | keine Wiederholungsprüfung | |
| An-/Abmeldung | Belegen via MOnA innerhalb der Belegfrist | |
| Hinweise zur Leistungsüberprüfung | There will be a written exam at the end of the semester. written exam: 12.01.18; 10:15-12:00. You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MONA for withdrawing. The exam rooms will be published up to 08.12.17. | |
| Wiederholtes Belegen | beliebig wiederholbar | |
| Präsenz/E-Learning | kein spezifischer Einsatz | |
| Unterrichtssprache | Englisch | |
| Bemerkungen | I place high value on intuition, but this course will necessarily be technical in nature. I will expect you to have a solid background in algebra and be familiar with basic calculus. | |

Modul: Interdisziplinäre Forschung zu Nachhaltigkeit

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|--------------------|---|------|
| 48953-01 | Kernvorlesung: Sustainable Development: Introduction into Topics and Approaches | 3 KP |
| Dozierende | Paul Burger Patricia Holm Frank Christian Krysiak | |
| Zeit | Di 08:15-10:00 Vesalianum, Seminarraum (O2.02) | |
| Beginndatum | 19.09.2017 | |
| Intervall | wöchentlich | |



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| 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 | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA |
| Hinweise zur Leistungsüberprüfung | Written examination at the end of the semester :19.12.2017/lecture hours. Repeat examination (only for those who have reached a mark lower than 4.0 in the regular examination): Tuesday, 06.02.18/lecture hours, Vesaliaum, Vesalgasse 1, 2st floor, seminar room 02.02. |
| Wiederholtes Belegen | keine Wiederholung |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |
| Teilnahmevoraussetzungen | Exclusively for MSD-students (incl. in prep.) |
| Anmeldung zur Lehrveranstaltung | Exclusively for MSD-students. |
| Bemerkungen | This core lecture is mandatory. Take note of participation and registration criteria incl. final examination. The lecture is offered by MSD. Prof. Dr. Patricia Holm (lead), Paul Burger and Frank Krysiak are heading the MSD teaching committee. MSD 2010: Wer den Einführungskurs vom MSD 2010 bis und mit HS 16 nicht gemacht hat, muss als Ersatz diese Kernvorlesung absolvieren. |

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| 48954-01 | Kernvorlesung: Tools and Methods for Interdisciplinary Research | 3 KP |
| Dozierende | Marius Christen | |
| Zeit | Fr 10:15-12:00 Vesalianum, Kleiner Hörsaal (O1.13) | |
| Beginndatum | 22.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Archäologie / Humangeographie / MSD | |
| Module | Modul: Interdisziplinäre Forschung zu Nachhaltigkeit (Masterstudium: Sustainable Development) | |
| Lernziele | Students will: <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 | 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. | |



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.
In a second and third part, we will discuss established and most important tools of 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

Leistungsnachweis

Skala

1-6 0,1

Wiederholungsprüfung

eine Wiederholung, bester Versuch zählt

An-/Abmeldung

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

Hinweise zur Leistungsüberprüfung

Written examination: Friday, 22.12.17/lecture hours. Vesalium, Vesalgasse 1, 1st floor, lecture hall 01.13.

Repeat examination (only for those who have reached a mark lower than 4.0 in the regular examination): Friday, 09.02.18/lecture hours, Vesalium, Vesalgasse 1, 2st floor, seminar room 02.02.

Wiederholtes Belegen

keine Wiederholung

Präsenz/E-Learning

kein spezifischer Einsatz

Unterrichtssprache

Englisch

Teilnahmevoraussetzungen

Exclusivly for MSD-students (incl. in prep.)

Anmeldung zur Lehrveranstaltung

Exclusivly for MSD-students (incl. in prep.)

Bemerkungen

This core lecture is mandatory. Take note of participation and registration criteria incl. final examination.

The lecture is offered by MSD, Dr. M. Christen holds a teaching assignment.

Modul: Kernbereich Naturwissenschaften

| | | |
|----------|--|--|
| 41821-01 | Vorlesung mit Übungen: Ecological Sustainability Aspects of Climate Change | 3 KP |
| | Dozierende | Dirk Schindler |
| | Zeit | Mo 09:15-13:00 Vesalium, Seminarraum (O2.02) Teaching on: 25.09./02.10./16.10./23.10./06.11./13.11. and 20.11.2017; 09.15 - 13.00h |
| | Beginndatum | 25.09.2017 |
| | Intervall | unregelmässig |
| | 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; |



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| Literatur | <ul style="list-style-type: none">- Mitigation and adaptation strategies;- Climate Engineering;- Sustainability and climate. 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 | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA |
| Hinweise zur Leistungsüberprüfung | Regular attendance, required reading, presentation, written assessment. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | 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 degree within the 'Faculty of Sciences' and may attend the class in case of vacancies and former inscription as explained. MSD 2017 MSD-Students who have chosen the focus area of Social Sciences or Economics must have completed the module "Complementary knowledge in Natural Sciences". MSD 2010 MSD-Studierende, welche die Grundlagen- und Aufbaubereiche Phil.-Nat. zu absolvieren haben, müssen diese bis und mit FS 17 weitestgehend abgeschlossen haben. Mandatory course inscription for ALL (additional to registration on MOnA): Link open from 22.08.17/noon - 06.09.17/midnight LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html In case of vacancies the online inscription link remains open until the first (!) date of teaching + 2 days. NOTE: Be aware of special entry requirements. Course registration via MOnA remains mandatory for all participants. |
| Anmeldung zur Lehrveranstaltung | |
| 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). 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 following days: 25.09./02.10./16.10./23.10./06.11./13.11. and 20.11.2017; 09.15 - 13.00h (= 4 x45 minutes, breaks according lecturer): This seminar is offered by MSD, Dr. D. Schindler holds a teaching assignment. |



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| 25635-01 | + Vorlesung mit Übungen: Environmental Systems: Transformation of Energy Systems to renewable Energy Flows 2010-2050 | 2 KP |
| Dozierende | Rudolf Rechsteiner | |
| Zeit | Fr 08:00-12:00 Bernoullianum 32, Hörsaal 223 Veranstaltung am: 22.09., 29.09., 13.10., 03.11., 10.11., 17.11., 01.12. und 22.12.17 | |
| Beginndatum | 22.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes 2. Herbstsem. | |
| Anbietende Organisationseinheit | Geowissenschaften | |
| Module | Modul Environmental Geosciences (Master Geowissenschaften (Studienbeginn vor 01.08.2016)) Modul Environmental Geosciences and Biogeochemistry (Master Geowissenschaften) Modul Wahlbereich Energie und Klimawandel (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) 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, Transport, Finanzierungs- und Nutzungsrisiken.• Sie kennen das dynamische Verhältnis zwischen erneuerbaren Energien und CO₂-Reduktionen.• Sie kennen die rechtlichen und ökonomischen Rahmenbedingungen, welche die Nutzung von erneuerbaren Energien typischerweise in Industrie- und Schwellenländern bestimmen und die technische, wirtschaftliche und geopolitische Dynamik, die das Tempo des Umbaus der Energiesysteme beeinflussen.• Sie kennen Hindernisse und Widerstände bei der Integration von erneuerbaren Energien; sie können marktwirtschaftliche und ordnungsrechtliche Instrumente einordnen und kennen die Handlungsmuster, wie diese zu optimieren sind. | |
| Inhalt | Wir untersuchen die Bestimmungsfaktoren für den Energiemix und die CO ₂ -Emissionen 2010-2050: <ul style="list-style-type: none">• Entwicklung und Potentiale erneuerbare Energien und ihre Nutzungskosten• Ressourcen, Erschöpfungsraten, Risiken der nichterneuerbaren Energien• Technische Entwicklung, Lernkurven; technische und institutionelle Innovationen zur Integration von erneuerbaren Energien in das Gesamtsystem• Politisches Instrumentarium für eine Vollversorgung mit erneuerbaren Energien | |
| Literatur | Der Blockkurs erstreckt sich über acht Halbtage und beinhaltet neben einer Vorlesung von jeweils ca. 1,5 Stunden interaktives Lernen und Diskussion: Gruppenarbeiten, Kommunikationstraining Power-Point Präsentationen werden den Studierenden vom Dozenten zugestellt. Weitere Literatur: <ul style="list-style-type: none">• UNEP: Global Trends in Renewable Energy Investments Link• REN21 Renewables GLOBAL STATUS REPORT http://www.ren21.net/status-of-renewables/• Energiestrategie 2050: https://www.uvek.admin.ch/uvek/de/home/energie/energiestrategie-2050.html• Ryan Wiser, Mark Bolinger: Wind Technologies Market Report, Lawrence Berkeley National Laboratory Link• IEA: TRENDS IN PHOTOVOLTAIC APPLICATIONS http://www.iea-pvps.org/• Bundesamt für Energie: Perspektiven für die Grosswasserkraft http://www.news.admin.ch/NSBSubscriber/message/attachments/33285.pdf• Windenergie-Report Deutschland Link• Rudolf Rechsteiner. 100 Prozent erneuerbar | |
| Weblink | https://umweltgeo.unibas.ch/studium/veranstaltungsangebot/erneuerbare-energien/ | |
| Leistungsüberprüfung | Lehrveranst.-begleitend | |
| Skala | Pass / Fail | |
| Wiederholungsprüfung | keine Wiederholungsprüfung | |
| An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA | |
| Hinweise zur Leistungsüberprüfung | Aktive Teilnahme an der Veranstaltung sowie Kompetenznachweis (Prüfung als Teil des letzten Kursblocks) | |
| Wiederholtes Belegen | beliebig wiederholbar | |
| Präsenz/E-Learning | Online-Angebot fakultativ | |
| Unterrichtssprache | Deutsch | |
| Bemerkungen | Zusammen mit dem Kompetenznachweis sind zwei Kreditpunkte zu erwerben. | |



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| Dozierende | Annette Affolter Kast Peter Huggenberger |
| Zeit | Di 12:15-14:00 Vesalianum, Seminarraum (O2.02) |
| Beginndatum | 26.09.2017 |
| Intervall | wöchentlich |
| Angebotsmuster | Jedes Herbstsemester |
| Anbietende Organisationseinheit | Archäologie / Humangeographie / MSD |
| Module | Modul: Kernbereich Naturwissenschaften (Masterstudium: Sustainable Development) |
| Lernziele | Participants - know the distribution and environmental relevance of critical mineral and non-renewable fossil raw materials; - have an idea of 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 CO2 storage; - acquire the knowledge and understanding to critically discuss examples of raw material exploration and recycling; - understand the role of the global interest in, exploitation and trade of raw materials. They can explain the role of a globalized resource consumption and the arising environmental consequences using examples. |
| Inhalt | <p>An overview over critical mineral and non-renewable fossil raw materials is given. Rare metals are introduced using examples (e.g., gallium, lithium, etc.). E.g. critical mineral resources in everyday products (iphones, cars, etc.)</p> <p>The development of supply, geological and technological progress over the past decades will be outlined. Thereby the focus will be on the technological developments of extraction, related risks, interaction with and consumption of water accompanying fossil raw material exploitation. Introduction to economic, social and regulatory aspects, geopolitical factors and life cycles.</p> <p>Recovery of critical raw materials from products (for example electronic equipment) including case studies of indium and neodymium. Recycling of electronic waste, processing steps in the recycling chain. Swiss pioneering industrial projects on recycling of mineral resources will be presented: Urban mining (recovery of critical mineral resources (worldwide, Europe, Switzerland)), i.e., the impact of VVEA (regulation on the recycling and disposal of waste in Switzerland, legal aspects (the new VVEA of Switzerland)).</p> <p>Ecological impacts of the extraction, production and disposal of critical raw materials (case studies), worldwide aspects. Examples include: Environmental impact of raw material exploitation in Switzerland (historical-current), Romania, Indonesia: cement, salt. CO2 production during cement production, CO2 storage, processes, case studies in Switzerland</p> <p>(Excursions to the most modern recycling facilities (in CH) possible.)</p> |
| 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_earth_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
Skala
Wiederholungsprüfung
An-/Abmeldung
Hinweise zur Leistungsüberprüfung
Wiederholtes Belegen
Präsenz/E-Learning
Unterrichtssprache
Teilnahmevoraussetzungen

Leistungsnachweis
1-6 0,1
keine Wiederholungsprüfung
An-/Abmelden: Belegen resp. Stornieren der Belegung via MOA
Written exam at the end of semester (date to be announced).
beliebig wiederholbar
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 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 module "Complementary knowledge in Natural Sciences".

Anmeldung zur Lehrveranstaltung

Mandatory course inscription for ALL (additional to registration on MOA): Link open from 22.08.17/noon - 06.09.17/midnight
LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html

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

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

Bemerkungen

Note: Special course inscription and entry requirements!

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" (learning agreement). Credits may then be transferred to the module "Focal areas in sustainability research" (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 lecturer will hold a teaching assignment.

Modul: Kernbereich Gesellschaftswissenschaften

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

Dozierende
Zeit

Barbara Schmitz
Di 14:15-16:00 Vesalianum
Do 12:15-14:00 Vesalianum, Seminarraum (O2.02)

Beginndatum
Intervall
Angebotsmuster

19.09.2017
wöchentlich
Jedes Herbstsemester



| | |
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| 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) Modul Culture and Society (MSG - African Studies (Studienbeginn vor 01.08.2013)) Modul Environment and Human Well-Being (MSG - African Studies (Studienbeginn vor 01.08.2013)) |
| 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 | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA |
| Hinweise zur Leistungsüberprüfung | Regular attendance, required reading, oral presentation, essay. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | Online-Angebot fakultativ |
| 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. |
| Anmeldung zur Lehrveranstaltung | 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' and may attend the seminar in case of vacancies and former inscription as explained. Mandatory course inscription for ALL (additional to registration on MOnA): Link open from 22.08.17/noon - 06.09.17/midnight LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html In case of vacancies the online inscription link remains open until the second date of teaching + 2 days. NOTE: Course registration via MOnA remains mandatory for all participants. |
| Bemerkungen | Note: Special course inscription 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. Anrechnung MSD 2010 |

Gemäss publizierten Modulen oder mittels LC für den Vertiefungsbereich Phil.-Hist.

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

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| 41822-01 | Seminar: Governance of Energy Transition | 3 KP |
| | Dozierende | Annika Sohre |
| | Zeit | Mi 12:15-14:00 Bernoullistrasse 14/16, Kleiner Seminarraum 02.001 |
| | Beginndatum | 20.09.2017 |
| | 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) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Modul: Erweiterung Gesellschaftswissenschaften M.A. (MSF - Politikwissenschaft) |
| | Lernziele | By the end of the seminar the participants will have acquired basic theoretical, empirical and methodological knowledge and skills necessary to critically analyze requirements, modes and results of governance of energy transition and have developed a critical understanding of news coverage in energy and climate policy. |
| | Inhalt | Steering the energy transition?! This demand of a transition of energy- and climate policies towards a sustainable system poses major challenges on national and international governance: Conflicts of opposing interests, uncertainties of implementation and legitimacy of interventions as well as areas of conflicts in the multi-level system of national and international arenas affect governance efforts of energy- and climate transitions. The challenges are also reflected in the high profile of actual energy- and climate change topics in the media. Thereby, media conveys and produces public discourses. In the seminar, actual developments in the energy- and climate policy in Switzerland and other countries are analyzed from a governance perspective. What actors and what interests are important in the transition processes? Who steers what? What instruments are used with what effects? What structures and processes hinder and facilitate the political interventions? To what extent does the media pursue its own interests in energy- and climate policies? The students work out and discuss facts, background and positions of actual energy- and climate discourses based on newspaper articles and accomplishing scientific literature. Relevant literature will be announced in the seminar. |
| | Literatur | |
| | Leistungsüberprüfung | Lehrveranst.-begleitend |
| | Skala | 1-6 0,1 |
| | Wiederholungsprüfung | keine Wiederholungsprüfung |
| | An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA |
| | Hinweise zur Leistungsüberprüfung | Regular attendance, required reading, oral presentation, essay. |
| | Wiederholtes Belegen | beliebig wiederholbar |
| | Präsenz/E-Learning | 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 degree within the 'Faculty of Humanities and Social Sciences' and may attend the seminar in case of vacancies and former inscription as explained. MSD-Students who have chosen the focus area of Natural Sciences or Economics must have completed the module "Complementary knowledge in Social Sciences". MSD 2010 MSD-Studierende, welche die Grundlagen- und Aufbaubereiche Phil.-Hist. zu absolvieren haben, müssen diese bis und mit FS 17 weitestgehend abgeschlossen haben. |



Anmeldung zur Lehrveranstaltung

Mandatory course inscription for ALL (additional to registration on MOnA): Link open from 22.08.17/noon - 06.09.17/midnight
LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html

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

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

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).

Anrechnung MSD 2010

Für das publizierte Modul oder mittels LC für den Vertiefungsbereich Phil.-Hist. Beachten Sie die Teilnahmebedingungen bzgl. KP im Grundlagen- und Aufbaubereich Phil.-Hist. (sofern diese zu belegen sind).

This seminar is offered by MSD, Dr. A. Sohre is member of the Sustainability Research Group, Dep. Social Sciences, Faculty of Humanities and Social Sciences.

| | | | |
|----------|--|--|------|
| 15995-01 | Seminar: Political Ecology and Societal Transformations from Anthropological Perspective | | 3 KP |
| | Dozierende | Piet Van Eeuwijk | |
| | Zeit | Do 10:15-12:00 Ethnologie, grosser Seminarraum | |
| | Beginndatum | 21.09.2017 | |
| | 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 Sachthemen der Ethnologie (MSF - Ethnologie (Studienbeginn vor 01.08.2013)) Modul Ungleichheit, Konflikt, Kultur (MSF - Soziologie) Modul Politik und Entwicklung (MSF - Soziologie (Studienbeginn vor 01.08.2013)) Modul Fields: Environment and Development (MSG - African Studies) Modul Fields: Governance and Politics (MSG - African Studies) Modul Environment and Human Well-Being (MSG - African Studies (Studienbeginn vor 01.08.2013)) Modul Social Anthropology (MSG - African Studies (Studienbeginn vor 01.08.2013)) | |
| | Lernziele | The participants know and understand: - the fundamental contents of contemporary 'political ecology'; - anthropological approaches, perspectives and interpretations with regard to 'nature-culture' relations; - potential effects of current societal transformations (with 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. | |
| | Inhalt | Substantial societal transformations in the Global South encompass, for instance, urbanisation (linked with migration movements), reconstruction of the physical environment, economic structural conversions, demographic change and processes of social reconfiguration as well as further alterations such as change of lifestyle and of leisure activities (linked with tourism). In reference to these comprehensive, 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 background. Thereby, the analysis of environmental complications focuses on the revealing, identification and visualisation of the (vested) interest, 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 and equity. 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 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 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'; 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 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?

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.
- Ellen, Roy and Katsuyoshi Fukui (Eds.). 1996. Redefining nature: Ecology, culture and domestication. Oxford: Berg.
- 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.
- Robbins, Paul. 2006. Political ecology: A critical introduction. Malden, MA: Blackwell Publishing.
- 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

Hinweise zur Leistungsüberprüfung

Lehrveranst.-begleitend

1-6 0,1

keine Wiederholungsprüfung

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

Regular attendance, required reading, oral presentation, essay.



| | |
|--|--|
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | Online-Angebot obligatorisch |
| 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 degree within the 'Faculty of Humanities and Social Sciences' and may attend the seminar in case of vacancies and former inscription as explained. MSD 2017 MSD-Students who have chosen the focus area of Natural Sciences or Economics must have completed the module "Complementary knowledge in Social Sciences". |
| Anmeldung zur Lehrveranstaltung | Mandatory course inscription for ALL (additional to registration on MOA): Link open from 22.08.17/noon - 06.09.17/midnight LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html In case of vacancies the online inscription link remains open until the second date of teaching + 2 days. NOTE: Be aware of special entry requirements. Course registration via MOA remains mandatory for all participants. |
| Bemerkungen | Note: Special course inscription and entry requirements! Anrechnung MSD 2010 Gemäss publizierten Modulen oder mittels LC für den Vertiefungsbereich Phil.-Hist. Credit transfer MSD 2017 Credits may be transferred to the module "Focal areas in sustainability research" (learning agreement). This seminar is offered by MSD, Dr. P. van Eeuwijk holds a teaching assignment. |

| | | |
|--|---|------|
| 41823-01 | Seminar: Risks and Stakeholder Conflicts: Global Scarcity on Water | 3 KP |
| Dozierende | Paul Burger | |
| Zeit | Mi 08:15-10:00 Bernoullistrasse 14/16, Seminarraum 02.004 | |
| Beginndatum | 20.09.2017 | |
| 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) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) Modul: Erweiterung Gesellschaftswissenschaften M.A. (MSF - Politikwissenschaft) Modul Fields: Environment and Development (MSG - African Studies) Modul Fields: Governance and Politics (MSG - African Studies) Modul Environment and Human Well-Being (MSG - African Studies (Studienbeginn vor 01.08.2013)) | |
| Lernziele | - Students understand water issues in terms of their underlying socio-ecological regimes; - Students possess a theoretical repertoire to address conflicts, uncertainty and risks; - Students have experience in dealing with a water scarcity related case. | |
| Inhalt | Since „water links the local to the regional, and brings together global questions of food security, public health, urbanization and energy [...] how we use and manage water resources is central to setting the world on a more sustainable and equitable path“ (Ban Ki-moon, 2012), the resource water and its use represents a central issue within the discourse on sustainable | |



development. The scarcity of water due to the increasing demand leads to conflicts over water use and to risks related to its management. The description and conceptualization of the problem(s), however, often lack a theoretical underpinning what leads to misleading solution strategies or to the application of inappropriate tools and instruments. The class aims to provide a scientific knapsack to investigate what the problems are, why do these problems occur, and how can these problems overcome.

(I) Starting from the description of the underlying socio-ecological regime as a basic conceptualization, the meaning of water will be discussed, the current demand regarding the societal subsystems food, energy, industry and settlements identified as well as potential visions on the future of the system developed.

(II) The theoretical repertoire of the social sciences will be exploited to further study aspects of conflicts, uncertainty and managing risk as well as to shed light on the transformation of institutions to deal with change.

(III) Under the topic of Integrated Water Resource Management 3 or 4 case studies will be considered to examine „real-world“ problems of different water systems and to apply the theoretical reflections of the social sciences along the introduced societal subsystems. For instance water related settlement issues can be discussed by the example of Southern California; water related energy issues by the Province of Alberta; water related industry issues by the Greater Pearl River Delta; food related issues by the example of Andalusia.

The focus of the seminar is on acquiring and critically assessing scientific tools for analyzing social and societal aspects of water use.

Literatur
Leistungsüberprüfung
Skala
Wiederholungsprüfung
An-/Abmeldung
Hinweise zur Leistungsüberprüfung
Wiederholtes Belegen
Präsenz/E-Learning
Unterrichtssprache
Teilnahmevoraussetzungen

tba
Lehrveranst.-begleitend
1-6 0,1
keine Wiederholungsprüfung
An-/Abmelden: Belegen resp. Stornieren der Belegung via MOOnA
Regular attendance, required reading, oral presentation, essay.
beliebig wiederholbar
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 Humanities and Social Sciences' and may attend the seminar in case of vacancies and former inscription as explained.

MSD 2017

MSD-Students who have chosen the focus area of Natural Sciences or Economics must have completed the module "Complementary knowledge in Social Sciences".

MSD 2010

MSD-Studierende, welche die Grundlagen- und Aufbaubereiche Phil.-Hist. zu absolvieren haben, müssen diese bis und mit FS 17 weitestgehend abgeschlossen haben.

Anmeldung zur Lehrveranstaltung

Mandatory course inscription for ALL (additional to registration on MOOnA): Link open from 22.08.17/noon - 06.09.17/midnight
LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html

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

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

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).

Anrechnung MSD 2010

Für das publizierte Modul oder mittels LC für den Vertiefungsbereich Phil.-Hist. Beachten Sie die Teilnahmebedingungen bzgl. KP im Grundlagen- und Aufbaubereich Phil.-Hist. (sofern diese zu belegen sind).

This seminar is offered by MSD, Prof. Dr. P. Burger is head of the Sustainability Research Group, Dep. Social Sciences, Faculty of Humanities and Social Sciences.

Modul: Kernbereich Wirtschaftswissenschaften

| | | | |
|----------|--|--|------|
| 10639-01 | Kolloquium: Consumer Behaviour | | 3 KP |
| | Dozierende | C. Miguel Brendl | |
| | Zeit | Di 08:15-11:45 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32 The exact dates will be announced. | |
| | Beginndatum | 19.09.2017 | |
| | Intervall | unregelmässig | |
| | Angebotsmuster | Jedes Herbstsemester | |
| | Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| | Module | Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Marketing and Strategic Management (Master Wirtschaftswissenschaften) | |
| | Lernziele | To get acquainted with the area of consumer behavior and with reading academic journal articles. | |
| | 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 | Belegen via MOnA innerhalb der Belegfrist | |
| | Hinweise zur Leistungsüberprüfung | Your grade will be based on an individual written assignment. | |
| | Wiederholtes Belegen | While I will not grade participation, failure to attend class would impact your final grade negatively. beliebig wiederholbar | |
| | Präsenz/E-Learning | kein spezifischer Einsatz | |
| | Unterrichtssprache | Englisch | |
| | Teilnahmevoraussetzungen | Priority is given to Master in Business and Economics students who pursue a major in Marketing and Strategic Management. | |
| | Anmeldung zur Lehrveranstaltung | As the number of participants is restricted to 30 students, please register via the following weblink before September 11, 2017. We will admit based on a first come, first serve basis, with priority given to Master in Business and Economics students with major in Marketing and Strategic Management. You will be assigned to a group as of the first session and therefore cannot drop the course after that. If admitted to the course please enrol in MOnA; Registration = Admission to the exam. Click here to register for the course: https://www.unibas.ch/qualtrics.com/jfe/form/SV_1LnsXIT99hQUxVz | |



Bemerkungen We will meet in irregular intervals, and then typically for blocks of 3 hours of instruction (4 Lektionen). The specific class times will be posted before September 11 on the following site: https://adam.unibas.ch/goto_adam_crs_480685.html

For each 3-hour session anticipate to read one journal article at a level that you can discuss its details in class.

| | | | |
|----------|--|---|------|
| 48409-01 | Kolloquium: Corporate Social Responsibility | | 3 KP |
| | Dozierende | Georg von Schnurbein | |
| | Zeit | Di 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31 | |
| | Beginndatum | 19.09.2017 | |
| | Intervall | wöchentlich | |
| | Angebotsmuster | Jedes Herbstsemester | |
| | Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| | Module | Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Labour Economics, Human Resources and Organization (Master 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: Argenti, Paul A.: Corporate Responsibility, Sage, 2016 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 | Belegen via MOnA innerhalb der Belegfrist | |
| | Hinweise zur Leistungsüberprüfung | Die Leistungsüberprüfung ist ein max. 5seitiger Diskussionsbeitrag zu einem aktuellen Forschungsartikel | |
| | Wiederholtes Belegen | beliebig wiederholbar | |
| | Präsenz/E-Learning | kein spezifischer Einsatz | |
| | Unterrichtssprache | Deutsch | |
| | Anmeldung zur Lehrveranstaltung | Belegen in MOnA; Eucor-Studierende melden sich bitte innerhalb der Belegfrist über das Studentensekretariat im Kollegienhaus an. 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 | |
| | Beginndatum | 18.09.2017 | |
| | Intervall | unregelmässig | |
| | Angebotsmuster | Jedes Herbstsemester | |
| | Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| | 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 (Master Wirtschaftswissenschaften) Vertiefungsmodul Markets and Public Policy (Master 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 together build a simple model and use it to answer an assigned research question. |
| Literatur | The course consists of online material and supervised group work. |
| Leistungsüberprüfung | All texts and materials (videos) will be delivered through an online platform. |
| Skala | Semesterendprüfung 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | 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. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | 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 | Course registration: please enrol in MOnA; Eucor students enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to the exam |

| | | |
|--|---|------|
| 14255-01 | + Vorlesung: Advanced Environmental Economics | 3 KP |
| Dozierende | Frank Christian Krysiak | |
| Zeit | Fr 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32 As the lecture takes place in different rooms, please check for the respective room reservation just below: | |
| Beginndatum | 22.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| 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 Spezialkompetenzen Europa (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) 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 (Master 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 economic; -) competences for assessing current environmental policy and appreciating the problems raised by complications, such as missing cost/benefit information or strategic firm behavior. | |
| Inhalt | This course addresses topics from current research in environmental economics. The focus is on designing environmental policy under informational constraints, such as, asymmetric information or uncertainty. We will discuss first-best vs. second-best policies, environmental regulation of firms with market power, monitoring and compliance problems, price- vs. quantity-based regulation under uncertainty, hybrid instruments, innovation and policy-induced technological change (from a microeconomic perspective), local pollutants and hot | |



spots, and evaluating irreversible projects. In terms of applications, we will discuss climate and energy policy and use some example from air and water protection.

The course is complemented by an online course (MOOC), where we discuss environmental and energy economic modeling and where students will build and analyze their own model. Students are requested to enroll in both courses.

Literatur

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.

In addition, we will use small parts of the text 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.)

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.

Weblink
Leistungsüberprüfung
Skala
Wiederholungsprüfung
An-/Abmeldung
Hinweise zur Leistungsüberprüfung

<http://www.unibas.ch/umwelt-und-energieoekonomie/lehre/abteilung/umwelt/>
Semesterendprüfung
1-6 0,1
keine Wiederholungsprüfung
Belegen via MOnA innerhalb der Belegfrist
Performance will be assessed via a written exam at the end of the term.
Exam: 15.12.17; 10:15-11:45.
You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MONA for withdrawing. The exam rooms will be published up to 08.12.17.

Wiederholtes Belegen
Präsenz/E-Learning
Unterrichtssprache
Teilnahmevoraussetzungen

beliebig wiederholbar
kein spezifischer Einsatz
Englisch
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 students are requested to do both courses during the same term.
Course registration: please enrol in MOnA; Eucor students enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to the exam

| | | | |
|----------|--|--|------|
| 12036-01 | Vorlesung: Econometrics | | 6 KP |
| | Dozierende | Marcus Roller Anja Roth | |
| | Zeit | Mo 10:15-12:00 Vesalianum - Nebengebäude, Grosser Hörsaal (EO.16) Mi 10:15-12:00 Vesalianum - Nebengebäude, Grosser Hörsaal (EO.16) | |
| | Beginndatum | 18.09.2017 | |
| | Intervall | wöchentlich | |
| | Angebotsmuster | Jedes Herbstsemester | |
| | Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| | Module | Grundlagenmodul: Advanced Topics in Economics (Master International and Monetary Economics) (Pflicht) Kernmodul VWL (Master Wirtschaftswissenschaften) (Pflicht) Modul Internationales Zusatzwissen (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul Wirtschaftswissenschaftliche Grundlagen der Europäischen Integration (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) | |



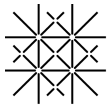
| | |
|--|---|
| | <p>Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development)</p> |
| Lernziele | <p>This course provides students with the basic econometric tools for cross-section 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.</p> |
| Inhalt | <p>Outline:</p> <ol style="list-style-type: none">1. Causal effects and the logic of randomized experiments2. Linear regression: Estimation, small and large sample properties, hypothesis testing, omitted variable bias, model selection, functional form, heteroscedasticity, autocorrelation, clustering3. Instrumental variable estimation: Estimation, identification, weak instruments4. Panel data: fixed effects, random effects5. Maximum likelihood estimation6. Binary choice: probit and logit |
| Literatur | <p>Any textbook in econometrics covers the topics developed in this course. The technical level of this course will be closer to the introductory text- books. However, students with a strong mathematical background may find the advanced textbook more appropriate. The two companions are not self-contained textbooks but useful to deepen the intuitive understanding.</p> <p>Introductory textbook:</p> <ul style="list-style-type: none">- Stock, James H. and Mark W. Watson (2015), Introduction to Econometrics, updated 3rd ed., Pearson. <p>Advanced textbooks:</p> <ul style="list-style-type: none">- Cameron, A. Colin and Pravin K. Trivedi (2005), Microeconometrics: Methods and Applications, Cambridge University Press.- Davidson, Russell and James G. MacKinnon (2004), Econometric Theory and Methods, Oxford University Press.- Hayashi, Fumio (2000), Econometrics, Princeton University Press.- Wooldridge, Jeffrey M. (2002), Econometric Analysis of Cross Section and Panel Data, MIT Press. <p>Companion textbooks:</p> <ul style="list-style-type: none">- Angrist, Joshua D. and Jorn-Steffen Pischke (2009), Mostly Harmless Econometrics: An Empiricist's Companion, Princeton University Press.- Kennedy, Peter (2008), A Guide to Econometrics, 6th ed., Blackwell Publishing. |
| Leistungsüberprüfung | <p>Semesterendprüfung</p> |
| Skala | <p>1-6 0,1</p> |
| Wiederholungsprüfung | <p>keine Wiederholungsprüfung</p> |
| An-/Abmeldung | <p>Belegen via MOA innerhalb der Belegfrist</p> |
| Hinweise zur Leistungsüberprüfung | <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: 04.01.18; 12:30-14:10.</p> <p>You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MONA for withdrawing. The exam rooms will be published up to 08.12.17.</p> |
| Wiederholtes Belegen | <p>beliebig wiederholbar</p> |
| Präsenz/E-Learning | <p>Online-Angebot obligatorisch</p> |
| Unterrichtssprache | <p>Englisch</p> |
| Teilnahmevoraussetzungen | <p>Prerequisites: Completed BA in Business and Economics and basic knowledge in statistics, particularly the linear regression model</p> |
| Anmeldung zur Lehrveranstaltung | <p>Registration: Please enrol in MOA. EUCOR-Students have to enrol at the students administration office (studsek@unibas.ch) within the official enrolment period. Enrolment = Registration for the exam!</p> |



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).

| | | |
|--|---|------|
| 34505-01 | Vorlesung: Environmental Law and Public Policy. Risk and Regulation | 3 KP |
| Dozierende | John Wargo | |
| Zeit | Mo 09:45-12:15 Wirtschaftswissenschaftliche Fakultät, Seminarraum S13 HG.35 14 until 24 August 2017, 9:45 - 12:15 in room S13 | |
| Beginndatum | 14.08.2017 | |
| Intervall | täglich | |
| Angebotsmuster | unregelmässig | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| Module | Modul Internationales Zusatzwissen (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul Wahlbereich (Master Wirtschaftswissenschaften) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Vertiefungsmodul Global Europe: Umwelt und Nachhaltigkeit (Masterstudium: European Global Studies) | |
| Inhalt | Content: This graduate seminar will explore key trends and challenges in the global food sector related to environmental quality and human health. We will focus on corporate innovation, government regulation, and third-part 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. | |
| Weblink | https://www.unibas.ch/summerschool/courses-2017/34505/ | |
| Leistungsüberprüfung | Semesterendprüfung | |
| Skala | 1-6 0,1 | |
| Wiederholungsprüfung | keine Wiederholungsprüfung | |
| An-/Abmeldung | An- und Abmelden: Fakultät | |
| Hinweise zur Leistungsüberprüfung | Take-Home Exam - all Details will be announced in the course. (right after the course) | |
| Wiederholtes Belegen | beliebig wiederholbar | |
| Präsenz/E-Learning | 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 apply at the latest until 31 May 2017 by email to summerschool-wwz@unibas.ch . All further information can be found on the website of the Summer School. | |
| Bemerkungen | Time schedule: Mon, 14 August 17, 09:00 - 11:30 h Tue, 15 August 17, 09:45 - 12.15 h Wed, 16 August 17, 09:45 - 12.15 h Thu, 17 August 17, 09:45 - 12.15 h Mon, 21 August 17, 09:45 - 12.15 h Tue, 22 August 17, 09:45 - 12.15 h Wed, 23 August 17, 09:45 - 12.15 h Thu, 24 August 17, 09:45 - 12.15 h | |

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|--|---|------|
| 41957-01 | Vorlesung: Fundamentals of Econometric Theory | 3 KP |
| Dozierende | Marcus Roller | |
| Zeit | Mo 14:15-16:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S15 HG.31 | |
| Beginndatum | 18.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |



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| Module | Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) Spezialisierungsmodul: Areas of Specialization in International and/or Monetary Economics (Master International and Monetary Economics) Vertiefungsmodul Quantitative Methods (Master 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 | Belegen via MOnA innerhalb der Belegfrist |
| Hinweise zur Leistungsüberprüfung | written exam: 18.01.18: 12:15-13:45. You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MONA for withdrawing. The exam rooms will be published up to 08.12.17. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |
| Anmeldung zur Lehrveranstaltung | Course registration: please enrol in MOnA: Eucor students enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to the exam |

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|--|--|------|
| 31960-01 | Vorlesung: Microeconomics and Psychology of Decision Making | 6 KP |
| Dozierende | C. Miguel Brendl Ulf Schiller | |
| Zeit | Mi 14:15-16:00 Kollegienhaus, Hörsaal 102 Do 14:15-16:00 Kollegienhaus, Hörsaal 102 Die Vorlesung am 20.9.2017 entfällt. Ersatztermin ist am Freitag 13.10. von 12.15 - 14.00 Uhr. | |
| Beginndatum | 21.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| Module | Grundlagenmodul: Advanced Topics in Economics (Master International and Monetary Economics) (Pflicht) Kernmodul BWL (Master Wirtschaftswissenschaften) | |



Modul Ausgewählte Themen aus Ökonomie und Rechtswissenschaft (Masterstudium: Actuarial Science)
 Modul Internationales Zusatzwissen (Masterstudium: European Studies (Studienbeginn vor 01.02.2015))
 Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017))
 Modul Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies)
 Modul Wirtschaftswissenschaftliche Grundlagen der Europäischen Integration (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) (Pflicht)
 Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development)
 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

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: 15.01.18 ; 12:15-14:15.
 You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MONA for withdrawing. The exam rooms will be published up to 08.12.17.

Wiederholtes Belegen

beliebig wiederholbar

Präsenz/E-Learning

kein spezifischer Einsatz

Unterrichtssprache

Englisch

Teilnahmevoraussetzungen

Prerequisites:
 Completed Bachelor in Business and Economics

Anmeldung zur Lehrveranstaltung

Course registration: please enrol in MOnA; Eucor enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to 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.

28953-01 + Vorlesung: Resource Economics

3 KP

Dozierende

Anton Bondarev

Zeit

Do 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32
 As the lecture does not take place in the same room, please check for the respective reservations below:

Beginndatum

21.09.2017



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|--|---|
| Intervall | wöchentlich |
| Angebotsmuster | Jedes Herbstsemester |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät |
| Module | Modul Internationales Zusatzwissen (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul Wahlbereich Wasser (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 (Master Wirtschaftswissenschaften) |
| Lernziele | The course will enable students to model and analyze resource systems with methods that are commonly used in scientific studies. Furthermore, students will learn to transfer model results to actual problems of environmental policy and will be introduced to the scientific literature. The main focus will be on modeling and analyzing dynamic resource systems. Students will learn how to model different types of resource systems and how to gain useful insights from the models. The course will cover fairly complex resource systems. However, it does not emphasize advanced theoretical tools but rather the process of modeling and analyzing resource systems. |
| Inhalt | This course introduces models and methods from resource economics at the example of water management. It covers the theory of exhaustible and renewable resources, analysis of dynamic systems, optimal control theory, aquifer management, river basin management, and management of complex resource systems. |
| Literatur | The course is based on journal papers. A list of the covered papers will be distributed during the first week. |
| Weblink | http://www.unibas.ch/umwelt-und-energieoekonomie/lehre/abteilung/umwelt/ |
| Leistungsüberprüfung | Semesterendprüfung |
| Skala | 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | Belegen via MOnA innerhalb der Belegfrist |
| Hinweise zur Leistungsüberprüfung | Written exam: 14.12.17; 10:15-11:45. You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MONA for withdrawing. The exam rooms will be published up to 08.12.17. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |
| Teilnahmevoraussetzungen | BA in Business und Economics or comparable background. This is an advanced course, a good background in microeconomics and some affinity to math are expected. A background in environmental economics is helpful but not required. |
| Anmeldung zur Lehrveranstaltung | Enrollment: Please enrol in MOnA; Eucor students enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to the exam |

41904-01 + Vorlesung: Topics in Industrial Organization

3 KP

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| Dozierende | Catherine Roux |
| Zeit | Di 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S13 HG.35 As the lecture takes place in different rooms, please check for the respective room reservation just below: |
| Beginndatum | 19.09.2017 |
| Intervall | wöchentlich |
| Angebotsmuster | Jedes Herbstsemester |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät |



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| 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 (Master 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 | 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: 12.12.17; 10:15-11:15. You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MoNA for withdrawing. The exam rooms will be published up to 08.12.17. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | 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

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|--|---|------|
| 48996-01 | Kolloquium: Sustainability Science Research (social dimension) | 1 KP |
| Dozierende | Paul Burger | |
| Zeit | Do 16:00-18:00 Bernoullistrasse 14/16, Kleiner Seminarraum 02.001 | |
| Beginndatum | 21.09.2017 | |
| 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 | Die Teilnehmenden haben ihre Kenntnisse zu inhaltlichen und methodischen Aspekten von gesellschaftswissenschaftlich orientierter Nachhaltigkeitsforschung vertieft. | |
| Inhalt | Auf der Basis von Präsentationen zu laufenden Forschungsprojekten (Masterarbeiten, Promotionen etc.) werden inhaltliche und methodische Fragen aktueller disziplinärer und interdisziplinärer Nachhaltigkeitsforschung analysiert und diskutiert. Das detaillierte Programm wird an der ersten Sitzung festgelegt. | |
| Literatur | tba | |
| Leistungsüberprüfung | Lehrveranst.-begleitend | |



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|---------------------------------|--|
| Skala | Pass / Fail |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOa |
| Wiederholtes Belegen | keine Wiederholung |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |
| Teilnahmevoraussetzungen | Studierende und Doktorierende, die an einer gesellschaftswissenschaftlich ausgerichteten Master- oder Doktorarbeit oder an einem anderen Forschungsprojekt im Themenfeld von Nachhaltiger Entwicklung arbeiten resp. ein solches vorbereiten. Nur Doktorierende können das Kolloquium jedes Semester neu belegen. |
| Bemerkungen | MSD 2010 Anrechnung des Kolloquiums für MSD-Studierende NUR wenn sie die Masterarbeit im Bereich Phil.-Hist. schreiben, wer im FNF die Masterschreibt muss dieses Kolloquium belegen Die LV ist nur einmal für den MSD-Abschluss anrechenbar. Diese LV wird für das publizierte Modul angerechnet oder kann nach Rücksprache mittels LC für den Vertiefungsbereich der Phil.-Hist. angerechnet werden. MSD 2017 Mandatory for all students who have chosen the focus area of 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 |

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|--|---|------|
| 49078-01 | Kurs: Research Design Master Thesis - ABGESAGT - | 3 KP |
| Dozierende | Paul Burger Patricia Holm Frank Christian Krysiak | |
| Zeit | abgesagt | |
| Beginndatum | 18.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Semester | |
| Anbietende Organisationseinheit | Archäologie / Humangeographie / MSD | |
| Module | Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) | |
| Lernziele | tba | |
| Inhalt | tba | |
| Leistungsüberprüfung | Lehrveranst.-begleitend | |
| Skala | 1-6 0,1 | |
| Wiederholungsprüfung | keine Wiederholungsprüfung | |
| An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOa | |
| Hinweise zur Leistungsüberprüfung | tba | |
| Wiederholtes Belegen | beliebig wiederholbar | |
| Präsenz/E-Learning | kein spezifischer Einsatz | |
| Unterrichtssprache | Englisch | |
| Teilnahmevoraussetzungen | Mandatory course, exclusively for MSD-Students. Admissions requirements will be announced by time. 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. | |
| Anmeldung zur Lehrveranstaltung | Mandatory course inscription for ALL, link will be published in case of potential candidates. In the meantime, please register on MOa as soon as possible. NOTE: Be aware of special entry requirements. Course registration via MOa remains mandatory for all participants. | |



Bemerkungen

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

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|--|---|------|
| 46737-01 | Seminar: Experimental research methods in social science | 3 KP |
| Dozierende | Iljana Schubert | |
| Zeit | Di 12:15-14:00 Bernoullistrasse 14/16, Kleiner Seminarraum 02.001 | |
| Beginndatum | 19.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | einmalig | |
| Anbietende Organisationseinheit | Fachbereich Nachhaltigkeitsforschung | |
| Module | Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Empirische Forschungsmethoden (MSF - Politikwissenschaft) | |
| Lernziele | Gain experience designing an experiment(s), collecting data and understanding basic analysis. | |
| Inhalt | This seminar will give an overview of different experimental research techniques, such as lab experiments, field experiments and survey experiments, in the social sciences. It will include practical aspects which will focus on design, data collection and some basic data analysis. An introduction to the analysis of experimental data will be given, using statistical software (SPSS). This is not a statistics course but a course on how to run experiments. | |
| Literatur | tba | |
| Leistungsüberprüfung | Lehrveranst.-begleitend | |
| Skala | 1-6 0,1 | |
| Wiederholungsprüfung | keine Wiederholungsprüfung | |
| An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOOnA | |
| Hinweise zur Leistungsüberprüfung | Regular attendance, required reading, oral presentation, essay. | |
| Wiederholtes Belegen | keine Wiederholung | |
| Präsenz/E-Learning | Online-Angebot obligatorisch | |
| Unterrichtssprache | Englisch | |
| Teilnahmevoraussetzungen | Prior experience with a statistical software (e.g. SPSS), prior knowledge of univariate statistics and basic knowledge of ANOVA or OLS regression is expected. Special course inscription required for ALL (for details see 'course application' or 'Anmeldung'). Course inscriptions in a different way than 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 Humanities and Social Sciences' and may attend the seminar in case of vacancies and former inscription as explained. | |
| Anmeldung zur Lehrveranstaltung | Mandatory course inscription for ALL (additional to registration on MOOnA): Link open from 22.08.17/noon - 06.09.17/midnight LINK to workspace with list of registration forms: https://adam.unibas.ch/goto_adam_crs_544052.html In case of vacancies the online inscription link remains open until the second date of teaching + 2 days. NOTE: Be aware of special entry requirements. Course registration via MOOnA remains mandatory for all participants. | |
| Bemerkungen | Note: Special course inscription and entry requirements! Anrechnung MSD 2010 | |

Dieses Seminar ist im Modul Kernbereich Gesellschaftswissenschaftliche Nachhaltigkeitsforschung publiziert und kann nach Rücksprache mit P. Burger mittels LC für den Vertiefungsbereich Phil.-Hist. angerechnet werden.

This seminar is offered by MSD, Dr. I. Schubert is member of the Sustainability Research Group, Dep. Social Sciences, Faculty of Humanities and Social Sciences.

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|--|--|------|
| 31938-01 | + Seminar: Qualitative Data Analysis in African Studies | 3 KP |
| Dozierende | Elisio Macamo | |
| Zeit | Mi 10:15-11:45 Rheinsprung 21, Seminarraum 00.004 | |
| Beginndatum | 20.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Fachbereich Soziologie | |
| Module | Modul Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul Politische, Kulturelle und Historische Grundlagen der Europäischen Integration (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul Methoden der Geschlechterforschung: Empirische Sozialforschung (BSF - Geschlechterforschung) Modul Methoden der Soziologie: qualitativ (MSF - Soziologie) Modul Methoden der Soziologie (MSF - Soziologie (Studienbeginn vor 01.08.2013)) Modul Fields: Knowledge Production and Transfer (MSG - African Studies) Modul Research Skills (MSG - African Studies) Modul Applied African Studies (MSG - African Studies (Studienbeginn vor 01.08.2013)) Modul Social Anthropology (MSG - African Studies (Studienbeginn vor 01.08.2013)) | |
| Lernziele | 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. 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 | |
| Inhalt | 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. The course introduces students to the tools and methodologies of qualitative research and its epistemological foundations. Participants will collect data, that is going to be used during the course to illustrate the different steps of analyzing qualitative data: compiling, disassembling and reassembling data; recombining data segments and finally the construction of typologies. A special emphasis is put on the techniques of transcribing, coding and categorizing, that are going to be applied for the purpose of practicing. | |
| 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 | |



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| Skala | Pass / Fail |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | Anmelden: Belegen; Abmelden: nicht erforderlich |
| Hinweise zur Leistungsüberprüfung | Referat |
| Wiederholtes Belegen | Presentation |
| Präsenz/E-Learning | beliebig wiederholbar |
| Unterrichtssprache | kein spezifischer Einsatz |
| Bemerkungen | Englisch |
| | Gilt für Soziologiestudierende als QL II Veranstaltung. |

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

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| Dozierende | Florian Weiler |
| Zeit | Mo 10:00-12:00 Bernoullistrasse 14/16, Seminarraum 02.004 |
| Beginndatum | 18.09.2017 |
| Intervall | wöchentlich |
| Angebotsmuster | einmalig |
| Anbietende Organisationseinheit | Fachbereich Politikwissenschaft |
| Module | Modul Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul Politische, Kulturelle und Historische Grundlagen der Europäischen Integration (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Empirische Forschungsmethoden (MSF - Politikwissenschaft) Modul Fields: Knowledge Production and Transfer (MSG - African Studies) Modul Culture and Society (MSG - African Studies (Studienbeginn vor 01.08.2013)) |
| 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 | Anmelden: Belegen; Abmelden: nicht erforderlich |
| Hinweise zur Leistungsüberprüfung | Term paper (50%), 3 problem sets (50%) |
| Wiederholtes Belegen | keine Wiederholung |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Deutsch |



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| 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.) |
| Anmeldung zur Lehrveranstaltung | durch Belegen in MOnA |

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| 49855-01 | Tutorat: Research Methods in Political Science | 2 KP |
| Dozierende | Manuel Hürlimann Dora Schweighoffer | |
| Zeit | Do 08:00-10:00 Bernoullistrasse 14/16, Kleiner Seminarraum 02.001 | |
| Beginndatum | 21.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | einmalig | |
| Anbietende Organisationseinheit | Fachbereich Politikwissenschaft | |
| Module | Modul Methoden der Gesellschaftswissenschaften (Masterstudium: European Global Studies) Modul Politische, Kulturelle und Historische Grundlagen der Europäischen Integration (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Empirische Forschungsmethoden (MSF - Politikwissenschaft) Modul Fields: Knowledge Production and Transfer (MSG - African Studies) Modul Culture and Society (MSG - African Studies (Studienbeginn vor 01.08.2013)) | |
| Leistungsüberprüfung | Lehrveranst.-begleitend | |
| Skala | Pass / Fail | |
| Wiederholungsprüfung | keine Wiederholungsprüfung | |
| An-/Abmeldung | Anmelden: Belegen; Abmelden: nicht erforderlich | |
| Wiederholtes Belegen | keine Wiederholung | |
| Präsenz/E-Learning | kein spezifischer Einsatz | |
| Unterrichtssprache | Deutsch | |
| Anmeldung zur Lehrveranstaltung | durch Belegen in MOnA | |

Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften

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| 41684-01 | Kolloquium: Modeling in Environmental and Energy Economics | 3 KP |
| Dozierende | Frank Christian Krysiak Hannes Weigt | |
| Beginndatum | 18.09.2017 | |
| Intervall | unregelmässig | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| 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 (Master Wirtschaftswissenschaften) Vertiefungsmodul Markets and Public Policy (Master 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 together build a simple model and use it to answer an assigned research question. The course consists of online material and supervised group work. | |



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| Literatur | All texts and materials (videos) will be delivered through an online platform. |
| Leistungsüberprüfung | Semesterendprüfung |
| Skala | 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | 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. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | 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 | Course registration: please enrol in MOnA; Eucor students enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to the exam |

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| 49078-01 | Kurs: Research Design Master Thesis - ABGESAGT - | 3 KP |
| Dozierende | Paul Burger Patricia Holm Frank Christian Krysiak | |
| Zeit | abgesagt | |
| Beginndatum | 18.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Semester | |
| Anbietende Organisationseinheit | Archäologie / Humangeographie / MSD | |
| Module | Modul: Vorbereitung Masterarbeit Gesellschaftswissenschaften (Masterstudium: Sustainable Development) Modul: Vorbereitung Masterarbeit Wirtschaftswissenschaften (Masterstudium: Sustainable Development) | |
| Lernziele | tba | |
| Inhalt | tba | |
| Leistungsüberprüfung | Lehrveranst.-begleitend | |
| Skala | 1-6 0,1 | |
| Wiederholungsprüfung | keine Wiederholungsprüfung | |
| An-/Abmeldung | An-/Abmelden: Belegen resp. Stornieren der Belegung via MOnA | |
| Hinweise zur Leistungsüberprüfung | tba | |
| Wiederholtes Belegen | beliebig wiederholbar | |
| Präsenz/E-Learning | kein spezifischer Einsatz | |
| Unterrichtssprache | Englisch | |
| Teilnahmevoraussetzungen | Mandatory course, exclusively for MSD-Students. | |
| | Admissions requirements will be announced by time. 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. | |
| Anmeldung zur Lehrveranstaltung | Mandatory course inscription for ALL, link will be published in case of potential candidates. In the meantime, please register on MOnA as soon as possible. | |
| | NOTE: Be aware of special entry requirements. Course registration via MOnA remains mandatory for all participants. | |
| Bemerkungen | This course is offered by MSD, Prof. Dr. Patricia Holm (lead), Paul Burger and Frank Krysiak are heading the MSD teaching committee. | |

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| 14255-01 | + Vorlesung: Advanced Environmental Economics | 3 KP |
| Dozierende | Frank Christian Krysiak | |
| Zeit | Fr 10:15-12:00 Wirtschaftswissenschaftliche Fakultät, Seminarraum S14 HG.32 As the lecture takes place in different rooms, please check for the respective room reservation just below: | |
| Beginndatum | 22.09.2017 | |
| Intervall | wöchentlich | |



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| Angebotsmuster | Jedes Herbstsemester |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät |
| 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 Spezialkompetenzen Europa (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) 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 economic; -) 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 under informational constraints, such as, asymmetric information or uncertainty. We will discuss first-best vs. second-best policies, environmental regulation of firms with market power, monitoring and compliance problems, price- vs. quantity-based regulation under uncertainty, hybrid instruments, innovation and policy-induced technological change (from a microeconomic perspective), local pollutants and hot spots, and evaluating irreversible projects. In terms of applications, we will discuss climate and energy policy and use some example from air and water protection.</p> <p>The course is complemented by an online course (MOOC), where we discuss environmental and energy economic modeling and where students will build and analyze their own model. Students are requested to enroll 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 small parts of the text 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 | http://wwz.unibas.ch/umwelt-und-energieoekonomie/lehre/abteilung/umwelt/ |
| Leistungsüberprüfung | Semesterendprüfung |
| Skala | 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | Belegen via MOnA innerhalb der Belegfrist |
| Hinweise zur Leistungsüberprüfung | Performance will be assessed via a written exam at the end of the term. Exam: 15.12.17; 10:15-11:45. You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MONA for withdrawing. The exam rooms will be published up to 08.12.17. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |



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| 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 students are requested to do both courses during the same term. Course registration: please enrol in MOOnA; Eucor students enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to the exam |

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| 12036-01 | Vorlesung: Econometrics | 6 KP |
| Dozierende | Marcus Roller | |
| Zeit | Anja Roth Mo 10:15-12:00 Vesalianum - Nebengebäude, Grosser Hörsaal (EO.16) Mi 10:15-12:00 Vesalianum - Nebengebäude, Grosser Hörsaal (EO.16) | |
| Beginndatum | 18.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| Module | Grundlagenmodul: Advanced Topics in Economics (Master International and Monetary Economics) (Pflicht) Kernmodul VWL (Master Wirtschaftswissenschaften) (Pflicht) Modul Internationales Zusatzwissen (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul Wirtschaftswissenschaftliche Grundlagen der Europäischen Integration (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) 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. | |



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| | 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. |
| Leistungsüberprüfung | Semesterendprüfung |
| Skala | 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | Belegen via MOA 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 MOA. The grade will solely be determined by the final exam. written exam: 04.01.18: 12:30-14:10. You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MOA for withdrawing. The exam rooms will be published up to 08.12.17. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | 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 MOA. EUCOR-Students have to enrol at the students administration office (studsek@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). |

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| 31960-01 | Vorlesung: Microeconomics and Psychology of Decision Making | 6 KP |
| Dozierende | C. Miguel Brendl Ulf Schiller | |
| Zeit | Mi 14:15-16:00 Kollegienhaus, Hörsaal 102 Do 14:15-16:00 Kollegienhaus, Hörsaal 102 Die Vorlesung am 20.9.2017 entfällt. Ersatztermin ist am Freitag 13.10. von 12.15 - 14.00 Uhr. 21.09.2017 | |
| Beginndatum | 21.09.2017 | |
| Intervall | wöchentlich | |
| Angebotsmuster | Jedes Herbstsemester | |
| Anbietende Organisationseinheit | Wirtschaftswissenschaftliche Fakultät | |
| Module | Grundlagenmodul: Advanced Topics in Economics (Master International and Monetary Economics) (Pflicht) Kernmodul BWL (Master Wirtschaftswissenschaften) Modul Ausgewählte Themen aus Ökonomie und Rechtswissenschaft (Masterstudium: Actuarial Science) Modul Internationales Zusatzwissen (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) Modul Kernbereich Wirtschaftswissenschaften für Fortgeschrittene (Masterstudium: Sustainable Development (Studienbeginn vor 01.08.2017)) Modul Methoden der Wirtschaftswissenschaften (Masterstudium: European Global Studies) Modul Wirtschaftswissenschaftliche Grundlagen der Europäischen Integration (Masterstudium: European Studies (Studienbeginn vor 01.02.2015)) (Pflicht) Modul: Kernbereich Wirtschaftswissenschaften (Masterstudium: Sustainable Development) 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.

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| Weblink | https://adam.unibas.ch |
| Leistungsüberprüfung | Semesterendprüfung |
| Skala | 1-6 0,1 |
| Wiederholungsprüfung | keine Wiederholungsprüfung |
| An-/Abmeldung | Belegen via MOOnA 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: 15.01.18 ; 12:15-14:15. You can still withdraw from the examination by submitting a completed, signed form to our office from 17.10.17 until 27.10.17 / 12:00 o'clock. Withdrawals sent by email will not be accepted. You will find the examination withdrawal form on the Homepage of the Student Dean's Office. Prior to 16.10.17, please only use MOOnA for withdrawing. The exam rooms will be published up to 08.12.17. |
| Wiederholtes Belegen | beliebig wiederholbar |
| Präsenz/E-Learning | kein spezifischer Einsatz |
| Unterrichtssprache | Englisch |
| Teilnahmevoraussetzungen | Prerequisites: Completed Bachelor in Business and Economics |
| Anmeldung zur Lehrveranstaltung | Course registration: please enrol in MOOnA; Eucor enrol at the Students Services at Petersplatz 1 within the registration deadline. Registration = Admission to 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. |