

## Course Announcement IGS North-South

### Spring Semester 2022

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**Time:** Starting on 21 February 2022, taking place on Mondays & Wednesdays (10:15-12:00) (first 7 weeks of semester); one-day excursion on 7 April

**Title:** Environnements urbains: politique, gouvernance, infrastructures

**Module:** DTM

**ECTS:** 5

**Institution:** IGD, University of Lausanne

**Lecturers:** René Véron

**Content:** Les villes représentent des hybrides socio-écologiques, des « secondes natures » transformées par des technologies et le métabolisme urbain. Ce cours introduit aux processus biophysiques ainsi qu'aux technologies d'approvisionnement en ressources dans le contexte des villes du Sud. L'accent est mis sur les dimensions politico-économiques, sur les processus, structures et acteurs qui influencent la reproduction des inégalités et des vulnérabilités de différents groupes sociaux par rapport à leur accès à des biens et maux environnementaux. Cette problématique est discutée à travers différentes ressources naturelles en ville (les terrains, les espaces verts, l'eau, l'assainissement, etc.) et différentes « externalités » environnementales (déchets solides ménagers et pollution de l'air). Elle est abordée dans la perspective théorique de la « urban political ecology » qui regarde la ville comme une « seconde nature » créée par les rapports dialectiques entre la société et l'environnement biophysique. Comme fil rouge servent les résultats d'un projet FNS sur la gouvernance environnementale des petites et moyennes villes en Inde autour des parcs, des étangs et de la gestion des déchets.

This course will be held in French.

**Learning objectives:** À la fin du cours, vous devriez être capables de:

1. décrire le métabolisme – les flux et cycles de matière et d'énergie – des villes du Sud.
2. évaluer les interventions infrastructurelles et d'ingénierie dans l'environnement naturel et bâti des villes du Sud.
3. analyser les déterminants politico-économiques de l'inégalité d'accès aux ressources « naturelles » urbaines et d'exposition aux maux environnementaux ;
4. appliquer l'approche de l'« urban political ecology » à différentes thématiques environnementales dans des situations urbaines diverses; rédiger un rapport de type « consultant du développement » et communiquer ces résultats visuellement et oralement

**Place:** Lausanne (UNIL Geopolis/2238)

**Contact:** René Véron ([rene.veron@unil.ch](mailto:rene.veron@unil.ch))

**Registration:** To register to the course (as an external student), please contact Marie-Christelle Pierlot [marie-christelle.pierlot@unil.ch](mailto:marie-christelle.pierlot@unil.ch) or +41216923513

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**Time:** Starting on 21 February 2022, Taking place on Mondays (14:15-16:00)

**Title:** Théories et pratiques du développement - Seminaire

**Module:** DTM

**ECTS:** 4

**Institution:** IGD, University of Lausanne

**Lecturers:** tbc

**Content:** Ce séminaire approfondit les théories et approches du développement introduites dans le cours du même titre offerte en automne précédent à travers des questionnements et débats et cas actuels. Les thématiques abordées peuvent inclure des sujets divers comme la mondialisation, la pauvreté, des enjeux des grands projets agricoles ou minières, la micro-finance, la technologie, la gouvernance, les droits humains, l'aide au développement, etc. Ces thématiques sont principalement développées et débattu par les participants du séminaire.

This course will be held in French.

**Learning objectives:**

- Approfondissement des connaissances théoriques et conceptuelles en Etudes du développement
- Introduction à des débats et cas actuels liés aux questions du développement
- Capacité à relier des débats et cas actuels à des théories et concepts clé du développement
- Compétence en communication orale et écrite

**Place:** Lausanne (UNIL/Geopolis/2238)

**Contact:** Christian Kull ([christian.kull@unil.ch](mailto:christian.kull@unil.ch))

**Registration:** To register to the course (as an external student), please contact Marie-Christelle Pierlot [marie-christelle.pierlot@unil.ch](mailto:marie-christelle.pierlot@unil.ch) or +41216923513

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**Time:** Starting on 21 February 2022, taking place on Mondays (16:15-18:00)

**Title:** Environmental management and livelihoods

**Module:** DTM

**ECTS:** 5

**Institution:** IGD, University of Lausanne

**Lecturers:** Christian Kull

**Content:** This course/seminar focuses on theoretical and empirical debates related to reciprocal effects between environmental management practices and lives and livelihoods of "marginal" populations (from rural

areas, from developing countries or among minorities). It will draw on classical and current research in sustainable livelihoods, in "political ecology", in development studies and other related disciplines.

This course will be held in English.

**Learning objectives:**

- Assess and contribute to classical and current debates related to reciprocal effects between environmental management practices and lives and livelihoods of "marginal" populations (from rural areas, from Third World countries or among minorities).
- Develop theoretical and conceptual knowledge in "political ecology", development studies and other related disciplines.
- Develop and discuss empirical and theoretical arguments in the field of environmental management and livelihoods.
- Read and communicate in English with a relevant terminology borrowed from development studies, geography, "political ecology" and environmental sciences.

**Place:** Lausanne (UNIL Geopolis/2238)

**Contact:** Christian Kull

**Registration:** To register to the course (as an external student), please contact Marie-Christelle Pierlot [marie-christelle.pierlot@unil.ch](mailto:marie-christelle.pierlot@unil.ch) or +41216923513

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**Time:** Starts on 21 February 2022, taking place on Mondays (17:15-18:00)

**Title:** Seminar: Advances in Infection Biology, Epidemiology and Global Public Health

**Module:** DTM

**ECTS:** 1

**Institution:** Swiss TPH, University of Basel

**Lecturers:** Jürg Utzinger

**Content:** -

**Learning objectives:** -

**Place:** Zoom

**Contact:** Jürg Utzinger ([juerg.utzinger@unibas.ch](mailto:juerg.utzinger@unibas.ch))

**Registration:** via Mobility: <https://www.unibas.ch/en/Studies/Mobility/Mobility-Switzerland/Students-Registering-From-Other-Swiss-Universities.html>

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**Time:** Starting on 24 February 2022, taking place on Wednesday (14:15-15:45)

**Title:** Environment, Climate and Conflict

**Module:** DTM

**ECTS:** 3

**Institution:** swisspeace, University of Basel

**Lecturers:** Laurent Goetschel

**Content:** -

This course will be held in English.

**Learning objectives:** -

**Place:** Bernoullistrasse 14/16, Seminarraum 02.004

**Contact:** Laurent Goetschel ([laurent.goetschel@unibas.ch](mailto:laurent.goetschel@unibas.ch))

**Registration:** <https://www.unibas.ch/en/Studies/My-Studies/Course-Registration.html>

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**Time:** Starting on 23 March 2022, taking place on Wednesdays (16:15-18:00)

**Title:** Lecture with exercises: Advanced One Health Methods

**Module:** DTM

**ECTS:** 2

**Institution:** Swiss TPH, University of Basel

**Lecturers:** Jakob Zinsstag

**Content:** Description: This seminar extends the lecture “Introduction to One Health” and responds to the demand of students to provide deeper insight and practical work on “One Health” Methods. It is provided by a veterinary epidemiologist and a mathematician. The audience are advanced students and PhD candidates in the fields of epidemiology, biology, veterinary and human medicine. The Seminar is composed of lectures, self-study, discussions and practical seminar work on:

- Theoretical foundations of “One health”
- One health study design
- Ecology of the animal-human interface
- Antimicrobial resistance surveillance
- Material flow analysis (Prof. Dr. Claudia Binder, HERUS, EPFL, tbc)
- Dynamics and economics of cross-species disease transmission (The students will work through a practical example of an animal-human transmission model and a cross-sector economic analysis of an intervention).

For 2019 the following topics are proposed

- Combined material flow analysis – quantitative microbial risk assessment (MFA-QMRA) of resistant enterobacteria
- Animal-Human Transmission dynamics of *Taenia solium*

The course integrates the MOOC on Transdisciplinarity <https://www.futurelearn.com/courses/partnering-for-change>

The course will be held in English.

**Learning objectives:** The seminar provides theoretical and practical insight to “One Health”, from for advanced students in biology, veterinary and human medicine and related fields. At the end of the seminar, students are able to develop their own animal-human transmission models and “One Health” studies.

**Place:** Swiss TPH

**Contact:**

**Registration:** <https://www.unibas.ch/en/Studies/Mobility/Mobility-Switzerland/Students-Registering-From-Other-Swiss-Universities.html>

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**Time:** Starting on 24 February 2022, taking place on Thursday (10:15-11:45)

**Title:** Methods in Peace and Conflict Research

**Module:** DTM

**ECTS:** 3

**Institution:** swisspeace, University of Basel

**Lecturers:** Laurent Goetschel & Metka Herzog

**Content:** -

This course will be held in English.

**Learning objectives:** -

**Place:** Bernoullistrasse 14/16, Seminarraum 02.004

**Contact:** Laurent Goetschel ([laurent.goetschel@unibas.ch](mailto:laurent.goetschel@unibas.ch))

**Registration:** <https://www.unibas.ch/en/Studies/My-Studies/Course-Registration.html>

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**Time:** Starting on 22 February 2022, Thursday (09:00 – 12:30), 24 February, 10 March, 24 March, 7 April

**Title:** Writing for an Academic Audience: The rules of scientific articles

**Module:** CPM

**ECTS:** 3

**Institution:** CDE, University of Bern

**Lecturers:** Dr. Sarah-Lan Mathez-Stiefel

**Content:** Writing articles for peer-reviewed journals is a must for researchers, as this is the prime means of communicating exciting new results to the scientific community; moreover, an academic career is often evaluated on the basis of the number of peer-reviewed articles one has been able to publish in journals (if possible journals with high impact factors). It is therefore worth learning the rules of writing such articles at an early stage. This e-learning course is designed to introduce researchers to the rules and context of writing scientific articles and to provide researchers with opportunities to advance and improve their own writing. Eight webinars will lead participants through the essential rules, tools, and context of scientific writing, and provide time for questions and answers. Students will also have an opportunity to practice their skills in individual exercises, work on their scientific texts, and act as peers in group assignments. In addition, individual Skype coaching sessions will be offered in June-September 2018. Topics will include understanding who one's audience is, choosing an appropriate journal, working on key messages, structuring an article (IMRAD), doing the different parts of an article efficiently, writing concisely and precisely, using paragraph structure and other language tricks, how to refer to relevant literature, doing tables and figures, and submitting an article and suggesting reviewers. Completion of assignments is compulsory to pass the course. Students may miss no more than one webinar. A headset and installation of Adobe Flash Player are required to participate in the webinars.

Eligibility requirements: Max. 10 participants. Full members of the IGS North-South will be given priority. But international associate members are also encouraged to participate in this course.

Please consider that participating students need approx. 1 day for preparatory work between the sessions.

It is important that you have good internet access during the sessions. A headset and installation of Adobe Flash Player are required to participate in the webinars.

The course will be held in English.

**Learning objectives:** Participants have structured knowledge of, and the necessary skills for, planning scientific articles and writing them effectively; in particular, they know how to:

- Identify their audience and tailor their key messages accordingly;
- Structure a scientific paper according to acknowledged rules ("IMRAD");
- Write and revise their work for clarity and effectiveness;
- Find help and tools when they work on their theses and prepare their articles for publication in reputed scientific journals.

**Place:** online

**Contact:** Dr. Sarah-Lan Mathez-Stiefel ([sarah-lan.mathez@unibe.ch](mailto:sarah-lan.mathez@unibe.ch))

**Registration:** Please register by e-Mail ([igs-north-south@cde.unibe.ch](mailto:igs-north-south@cde.unibe.ch)) by Monday 15 February 2021 at the latest; you will receive an Introductory Package to test your connection. If you do not have a Swiss Campus Account, please inform us by 7 February 2021 so that we can apply for a temporary University account for you.

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**Time:** Starting on 21 February 2022

**Title:** Peace Interventions and the Politics of Dealing with the Past

**Module:** DTM

**ECTS:** 3

**Institution:** swisspeace, University of Basel

**Lecturers:** Adam Kochanski

**Content:** This course offers an introduction to the political, legal, and ethical dimensions of humanitarian intervention, peacebuilding, and dealing with the past (DwP) in ongoing armed conflicts and post-conflict transitions. It probes key decisions and dilemmas facing countries experiencing large-scale hostilities or transitioning from war to peace. The first part of the course explores the development of peace interventions over time and space. Students will learn about (1) how peacekeeping is distinct from peacemaking and peacebuilding, and (2) key doctrines, such as the protection of civilians and the Responsibility to Protect. The second part shifts to the delicate post-conflict stage through an in-depth examination of the four pillars of DwP: the right to justice, the right to know, the right to reparation, and guarantees of non-recurrence. Students will be exposed to the main instruments in the DwP “toolkit”, namely trials, truth commissions, reparations, and institutional reforms, and learn about how they fit within the larger peacebuilding framework. The third and last part of the course surveys cross-cutting themes, such as gender, the role of civil society, civilian identity and agency, and the “local turns” in peacebuilding and DwP research and practice. Throughout the course, students will be encouraged to think critically about both the prospects and limitations of “international intervention” – whether as an aspiration, or as a set of concrete practices – in these two distinct but overlapping fields. To animate these concepts, theories, and practices, the course will draw on case studies from Latin America, Southeast Asia, and Sub-Saharan Africa.

This course will be held in English.

**Learning objectives:** The principal learning objective of this seminar is to provide students with a solid understanding of humanitarian intervention, peacebuilding, and dealing with the past in war-affected settings. These three domains of conflict and post-conflict response are inherently intertwined and interdisciplinary fields of research and practice. Students will be challenged to connect the dots across disciplinary boundaries through a critical analysis of the prospects and limitations of peacebuilding and dealing with the past interventions in such contexts. Students will learn about the conceptual and historical underpinnings of peacebuilding and dealing with the past – as distinct but closely related fields of practice and scholarly inquiry – and obtain rich insights from practical case studies. As a result of the course, students will sharpen their academic writing skills, oral presentation and communication skills, capacity for critical analysis and research, and grasp of relevant scholarly literatures.

**Place:** Rosshofgasse (Schnitz), Seminarraum S 01

**Contact:** [adam.kochanski@unibas.ch](mailto:adam.kochanski@unibas.ch)

**Registration:** <https://www.unibas.ch/en/Studies/My-Studies/Course-Registration.html>

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**Time:** Starts on 22 February 2022

**Title:** Seminar: Current Topics in Epidemiology and Public Health

**Module:** DTM

**ECTS:** 2

**Institution:** Swiss TPH, University of Basel

**Lecturers:** Stefanie Knopp & Jürg Utzinger

**Content:** The seminar will offer the possibility to write your own seminar paper and receive constructive feedback from one of your peers and lecturers.

At the beginning of the term, the lecturers will provide you with a brief guidance on their expectations for the essay topic and structure. Subsequently, you are supposed to write your own seminar paper choosing your own topic related to Public/Global Health. Students will pair-up for a peer-to-peer review process and provide input to their peer's essay, before each essay is submitted to the lecturers. Finally, the lecturers will review and carefully evaluate your seminar paper and provide general and specific feedback.

**Learning objectives:** The main objectives of this course are to develop and improve current scientific writing skills and to provide students with the possibility to provide and receive constructive feedback to their own and their peer's seminar paper.

**Place:** Swiss Tropical & Public Health Institute

**Contact:** Jürg Utzinger ([juerg.utzinger@unibas.ch](mailto:juerg.utzinger@unibas.ch))

**Registration:** for registration please contact [anja.schreier@swisstph.ch](mailto:anja.schreier@swisstph.ch)

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**Time:** Taking place on 24 & 25 February 2022

**Title:** Lecture with practical courses: Introduction to R for epidemiological data analysis

**Module:** DTM

**ECTS:** 1

**Institution:** Swiss TPH, University of Basel

**Lecturers:** Jan Hattendorf

**Content:** This course is an introduction to R, a free open-source software environment for statistical computing. The software is very popular but hard to use at first. R is characterized by an enormous flexibility that enables the user to perform sophisticated statistical procedures or simulations but is less intuitive compared to other statistical software. The course will use mainly data and analysis techniques related to epidemiology and biomedical science.

This course will be held in English.

**Learning objectives:** By the end of the course, students will be able to use R for basic statistical analysis and graphical representation. They will be aware of common mistakes and will know the strengths and limitations of the software.

**Place:** Swiss TPH, Zoom



**Contact:** -

**Registration:** <https://www.unibas.ch/en/Studies/Mobility/Mobility-Switzerland/Students-Registering-From-Other-Swiss-Universities.html>

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**Time:** Taking place on 01-02 March, 31 May, 01 June (public lecture & workshop)

**Title:** Zurich Lectures cum Graduate Seminar in Development Geography

**Module:** DTM

**ECTS:** 1

**Institution:** Development Study Group Zurich (DSGZ), University of Zurich

**Lecturers:** Sanjay Srivastava; Sarah Holloway; Sarah Smith

**Content:** We invite an internationally renowned scholar for a public talk, a one-day workshop and for individual talks with PhD students.

Course is held in English.

**Learning objectives:** -

**Place:** Dept. of Geography, Winterthurerstr. 190, 8057 Zurich (public lecture) and place tba (for workshop and individual talks)

**Contact:** Norman Backhaus ([norman.backhaus@geo.uzh.ch](mailto:norman.backhaus@geo.uzh.ch))

**Registration:** Please register through Norman Backhaus ([norman.backhaus@geo.uzh.ch](mailto:norman.backhaus@geo.uzh.ch)). Please include also a brief description of your research topic and affiliation.

In order to get the ECTS, you need to a) participate in one of the public lectures and write a summary about the talk (1-2 A4 pages) and b) participate in one workshop.

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**Time:** 14 March 2022. 6 Weeks. From the date of the course start, you have 8 weeks free access to the course.

**Title:** Partnering for Change: Link Research to Societal Challenges - Discover the methods and tools of transdisciplinary research

**Module:** DTM

**ECTS:** 1.5

**Institution:** -

**Lecturers:** Cornelia Hett (responsible) ([cornelia.hett@unibe.ch](mailto:cornelia.hett@unibe.ch))

**Content:** In today's world, we face many complex societal challenges. Research projects addressing these challenges often involve actors and stakeholders from different fields and disciplines bringing together their own

perspectives or knowledge on a topic. Accordingly, collaborative transdisciplinary approaches are crucial for the success of a project. On this course, you'll explore how to meet the challenges of conducting effective transdisciplinary research. You'll gain insights into a variety of case studies from different fields as you learn from the experiences of peers and experts. As the course is open for participants all over the world (not only IGS students), you will have the chance to exchange and learn with many other students, researchers, and practitioners. The MOOC is divided into 6 weeks. Each week is dedicated to particular learning themes. These contain various activities (videos, articles, discussions, quiz) that you should complete within the week through self-study and exchange with other learners. You are free to choose the day and time where you go through the learning material. In addition, you will write an essay to apply the learnings to your PhD project.

**Learning objectives:** By the end of the course, you'll be able to:

- Develop your research skills as you investigate how to co-produce knowledge for society and academia.
- Reflect transdisciplinarity – its principles, its research processes and the context in which it is promising.
- Apply transdisciplinary approaches to societally relevant questions.
- Identify guiding questions, phases and steps of transdisciplinary project.
- Apply the principles and steps of transdisciplinary research to examples in order to reflect the implication for your own projects.
- Reflect the role of scientists and stakeholders in society and consider the ethical implications of co-producing processes

**Place:** online

**Contact:** [cornelia.hett@unibe.ch](mailto:cornelia.hett@unibe.ch)

**Registration:** Link: <http://bit.ly/tdmooc>

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**Time:** 13-21 June 2022

**Title:** Summer School: Politics, natural resources and health systems from a conflict perspective

**Module:** DTM

**ECTS:** 3

**Institution:** swisspeace, Swiss Tropical and Public Health Institute (Swiss TPH), University of Basel; Centre for Development and Environment (CDE), University of Bern

**Lecturers:** Dr. Roger Bär, Prof. Dr. Thomas Breu, Sara Frey, Prof. Dr. Laurent Goetschel, Dr. Sarah-Lan Mathez, Dr. Heino Meessen, Prof. Dr. Susan Thieme, Dr. Lilian Trechsel, Prof. Dr. Juerg Utzinger

**Content:** The 2022 Summer School of the International Graduate School (IGS) North-South will focus on conflict sensitivity and governance, and will cover the tentative topics of political conflicts in the Bernese Jura, natural resource management, and public health services. The ongoing crisis in the Ukraine will be addressed in the program. The aim is to provide methodological and conceptual insights into integrated approaches to engage in research for sustainable development in different (political and societal) contexts. The goal of the Summer School is to offer an intercultural, inter- and transdisciplinary learning and exchange platform for PhD students

from different countries around the world and from different academic disciplines who are involved in interdisciplinary research on sustainable development and global change. The main target groups of the course are students from the global South and North to exchange and collaborate on the topic of sustainable development and global change. Please note that the number of participants is limited.

The Summer School is held in English.

**Learning objectives:** -

**Place:** Tramelan, Switzerland

**Contact:**

**Registration:** To apply, please fill in the official online application form on [www.igs-north-south.ch](http://www.igs-north-south.ch)

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**Further Courses** of Graduate School of Social Sciences (G3S)

The courses offered by Swisspeace are part of the Graduate School of Social Sciences. Further courses of the G3S are published [here](#). For a description of the school please visit [this site](#).