

MA Environment and Society

Course Catalog

Winter Semester 2024/25

Rachel
Carson
Center



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About the Course Catalog

This course catalogue is meant to help you navigate the courses on offer for **winter semester 2024/25** and plan your schedule.

This overview is for this semester only. For a detailed overview of the MA Environment and Society's structure, please consult the official study and examination regulations (Prüfungs- und Studienordnung, PStO).

This document includes detailed information on your mandatory courses as well as on the range of electives (and their designated modules) that you can choose from this semester.

You must attend all mandatory courses and should select **elective courses for a total of up to 12 European Credit Transfer System (ECTS) points** per semester (1-3). There are no additional rules for choosing your electives.

Many elective courses change every semester/year (especially in the humanities and social sciences), so there is no guarantee that the courses listed here will be available the next academic year. If you are interested in a particular course, we recommend that you take it this semester. However, you should keep in mind that a module (to which elective courses are assigned) can be chosen only once. Courses listed in English are taught in English, courses listed in German are taught in German.

When you put together your study plan, please pay attention to the following:
the number of participants may be limited;
some courses can run in multiple time blocks on the same or on different days;
course times can overlap;
LMU is not a campus university, so always check room locations and travel times.

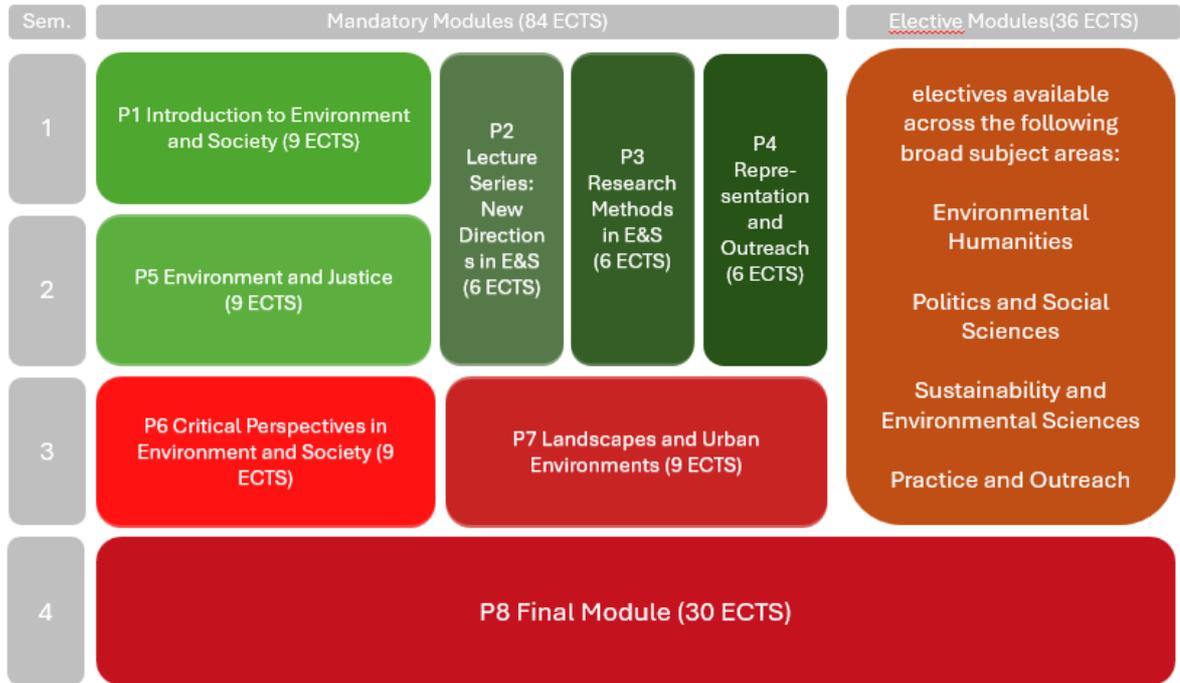
Please check your courses on LSF periodically as changes (dates, times, rooms) can occur last minute, especially for courses in other departments.

How to register for courses:

Course registration needs to be completed on LMU's online platform LSF. Each course is listed with a code (Belegnummer) you can use to find it on LSF. **Please complete the course registration via the online platform LSF. Course registration on LSF will run from 23 September through 7 October 2024.** Please don't wait until the last day to sign up for courses.

Please note that you will also need to register for exams later in the semester, using LSF. You will be informed about this additionally nearer to the exam registration times.

Program Overview



Mandatory Modules (Pflichtveranstaltungen)

P 1 Introduction to Environment and Society

PROF. DR. SONJA DÜMPELMANN; PROF. DR. UWE LÜBKEN

Please note: This module consists of TWO parts (P 1.1 and P 1.2), both of which need to be taken to gain the full amount of ECTS points.

P1.1 The Anthropocene: Elements and Ideas, Histories and Concepts

This course provides an overview of key issues, themes, and debates regarding the relationships between Environment and Society on local and global scales. It introduces students to relevant terms, approaches, and disciplines in the environmental humanities.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 08:00 – 10:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14844

P1.2 Connecting Theory and Practice

Accompanying the acquisition of a theoretical and historical basis in P1.1, this course consists of field trips and hands-on learning activities in and around Munich. It puts a spotlight on selected local and regional sites and their socio-ecological relationships. Working in teams, students apply the multi-/inter-/transdisciplinary knowledge gained in P1.2.

- **Language:** English
- **ECTS:** 3 ECTS Point
- **Dates:** Tuesday, 10:00 – 12:00
- **Location:** varies
- **Work format:** Übung / Tutorial
- **Belegnummer:** 14845

P 2 Lecture Series: New Directions in Environment and Society

P2.1 Current Perspectives on Environment and Society

DR. ANNA-MARIA WALTER

The first part of the lecture series with varying speakers takes place in the winter semester. It familiarizes students with new research questions and topics currently developed in the field of environment and society and related disciplines.

- **Language:** English
- **ECTS:** 3 ECTS Point
- **SWS:** 2 hours per week

- **Dates:** Thursday, 12:30– 14:00, evening lectures on Wednesdays, Oct. 30, Nov. 13, Dec. 11, Jan. 29, 18:30-20:00
- **Location:** Katholische Hochschulgemeinde (KHG) Leopoldstr. 11, 1. OG.; Wednesday evening lectures in A 125, LMU Main Building
- **Work format:** Lecture
- **Belegnummer:** 13138

P 3 Research Methods in Environment and Society

P3.1 Survey of Methods for Environment and Society

DR. SPENCER ADAMS

Please note: This course is part of a two-semester module. The second part, P3.2, will be taught in the next summer semester.

Throughout this course, we will probe strategies and methods for carrying out critical research in the environmental humanities and qualitative social sciences. Students will read both commentaries on particular methodological approaches and exemplary works of research and learn to recognize key methodological moves in the research they encounter. Discussions will be brought to bear on the students' own anticipated research practices, giving students the tools to thoughtfully develop and carry out academic research during the course of their M.A.

- **Language:** English
- **ECTS:** 3 ECTS Point
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 10:00 – 12:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14846

P 4 Representation and Outreach

P 4.1 Writing Skills in Environment and Society

DR. SPENCER ADAMS

Please note: This course is part of a two-semester module. The second part, P3.2, will be taught in the next summer semester.

This is the first part of the module P.4 Representation and Outreach, which teaches students how to represent their research across various genres of writing, media, and presentation. Part I (Winter Semester) will focus on habits and skills for effective academic writing. Over the course of the class, students will read several short texts that address various aspects of writing, will get comfortable discussing their own thoughts on writing and writing strategies, and will get substantial practice writing in various formats and reading and assessing the writing of their peers.

- **Language:** English
- **ECTS:** 3 ECTS Point
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 14:00 – 16:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14847

P 6 Critical Perspectives in Environment and Society

Please note: This module consists of TWO parts (P6.1 and P 6.2), both of which need to be taken to gain the full amount of ECTS points.

P 6.1 Human and More-than-Human Ecologies

DR. POOJA NAYAK

This course focuses on the relationship between humans and more-than-humans as theorized by scholars across disciplines. We will examine: how, and when do human and more-than-human relations emerge as a distinct conceptual field in the environmental humanities? How do contemporary studies modify existing and popular debates about nature/culture/ecologies—and, how do ‘we’ live in multispecies worlds? How have theoretical perspectives like 'nature/culture', 'multispecies', 'indigenous cosmologies', 'new materialism', 'posthumanism', and alternative futures thinking built on and added to such debates? We will attempt to answer these questions by examining the specifics of human and more-than-human histories, relations, emotions, politics, and economies through case studies. Finally, with an eye on method, we will also grapple with the ethics and positionality of studying human and more-than-human others, especially what it means to use methods developed within humanistic disciplines to do so.

- **Language:** English
- **ECTS:** 3 ECTS Point
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 16:00-18:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14831

P 6.2 Concepts, Analyses, and Interpretations (Thesis Studio)

DR. POOJA NAYAK

In the P 6.2 Übung/tutorial, students continue to practice their critical thinking, analytical and interpretative skills in preparation for their final thesis. Through the ‘studio format’, i.e. a series of in-class thinking, reading and writing exercises, students will learn how to hone in on potential thesis topics, consider primary sources, archival and ethnographic methods, write abstracts, analyse grant proposals, map and synthesise concepts, and finally, select a thesis topic to work on.

- **Language:** English

- **ECTS:** 3 ECTS Point
- **SWS:** 2 hours per week
- **Dates:** Thursday, 9:00 – 11:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14833

P 7 Landscapes and Urban Environments

Please note: This module consists of TWO parts (P7.1 and P 7.2), both of which need to be taken to gain the full amount of ECTS points.

P 7.1 Urban Landscapes and Environments: Histories, Theories, and Futures

PROF. DR. SONJA DÜMPELMANN

Up until the late nineteenth century, cities and country, culture and nature, the urban and the rural were often considered opposites. In this course, students are introduced to how these dichotomies, along with their refusal, have contributed to shaping the urban environments we inhabit today and will inhabit in the future. How, by and for whom, have urban environments been shaped or designed and been built? Students are introduced to relevant topics, concepts, themes, and sites that help them understand different types of urban environments, their development, reception, and representation in different media.

P 7.2 Exploring the Built Environment

PROF. DR. SONJA DÜMPELMANN

This course consists of local site visits accompanying P 7.1. Students learn about the history of selected urban landscapes in Munich, as well as about the challenges facing these landscapes today.

- **Language:** English
- **ECTS:** 6+3 ECTS Point
- **SWS:** 4 hours per week
- **Dates:** Monday, 12:00 – 16:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14834 + 14835

Electives (Wahlpflichtmodule)

WP 1 Topics and Themes in Environment and Society

One Book – Many Worlds: Exhibition Studio

DR. ANNA ANTONOVA, DR. HANNA STRASS-SENOL

The Exhibition Studio invites students to take part in individual creative projects and a series of skills workshops leading up to a collective exhibition based on Amitav Ghosh's novel *Gun Island*. After having read the novel, students participate in regular meetings developing and implementing ideas to artistically communicate themes addressed in the novel. In the first couple of sessions, students will discuss the novel from an environmental humanities perspective, identify topics they are interested in and develop a concept for their public exhibit, either individually or in small teams. Mid-November, Amitav Ghosh will be at the RCC and students will get the chance to participate in a workshop session organised jointly with the mVHS and the Ökologische Bildungszentrum (ÖBZ) targeted at the general public (Attention: Tuesday, 19 November). Throughout December and January, students will participate in different skills workshops and have the time to work independently on the creation of their exhibit. Towards the end of the semester, we will start preparing the exhibition of students' works, which will be opened in the beginning of April at the ÖBZ.

Students are invited to attend the "One Book – Many Worlds" project's lectures offered at the RCC's Lunchtime Colloquium throughout the semester. For other events offered in the project „One Book – Many Worlds: Munich reads *Gun Island* by Amitav Ghosh“, please visit the project website.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Fridays, 10:00-12:00; workshop sessions (all Fridays from 29.11. 2024 - 24.1. 2025: 09:30-13:00)
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14994

WP 2 Climate Change and Society

Climate Change and Society

PROF. DR. UWE LÜBKEN

This course will trace the intersections between climate, climate change and society. We will look at climatic variations before human activities had a global impact on the climate by interrogating developments such as the Little Ice Age and the Year without a Summer. We will discuss the concept of the Anthropocene and other theoretical attempts to come to terms with the climate crisis. Also, this course will look at various aspects growing out of this crisis like climate denialism, tensions and conflicts as a result of diminishing resources, migration and displacement triggered by sudden or long-term environmental changes, climate anxiety and climate fiction.

- **Language:** English
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Monday, 10:00 – 12:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14804

WP 3 Allgemeine und Vergleichende Literaturwissenschaft

Neoliberalism in North American Climate Fiction

TEJA ŠOSTERIC

In this seminar, students will explore the connections between US climate fiction and the US dominant ideology. The class will have three theoretical objectives. First, we will discuss the environmental emergency and its impact. Second, we will define climate fiction and learn about ecocriticism as an approach in literary criticism. Third, the class will learn what is neoliberalism, how it functions as an ideology, and how it influences cultural production. We will mainly focus on climate fiction novels and short stories however the class will be encouraged to discuss other media that concerns the environmental emergency and is influenced by neoliberal ideology. We will discuss the manifestation of this ideology in texts written and published in North America, but will also debate its further global impact. All texts and media covered will be contemporary (published in the 21st century). Individual sessions will be modelled as a seminar, starting with a short presentation and followed by the class participating in a discussion. Each week, a text (a chapter or excerpt of a novel, a short story, or a secondary text) will be assigned and students will be expected to read before class and discuss in class. The complete reading list will be available before the start of the semester.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Monday, 16:00 – 1:00
- **Location:** Schellingstr. 3 (R) – R U104B 1. UG
- **Work format:** Seminar
- **Belegnummer:** 13563

WP 4 Disziplinäre Perspektive: Grundlagen der Kommunikationswissenschaft

Please note: This module consists of TWO parts (WP 4.1 and WP 4.2), both of which need to be taken to gain the full amount of ECTS points (BA-level courses)

Different registration period: October 1 – October 7!

WP 4.1 Einführung in die Kommunikationswissenschaft I

PROF. DR. MARIO HAIM

Die Vorlesung für Studierende des ersten Fachsemesters führt in die Grundlagen der Kommunikationswissenschaft ein und stellt ausgewählte Fachgebiete mit zentralen Fragen,

Theorien und Befunden vor. Der erste Teil der zweisemestrigen Vorlesung beschäftigt sich mit dem Selbstverständnis und der Struktur des Fachs, seinen Grundbegriffen (u.a. Kommunikation, Medien, Massenkommunikation, Öffentlichkeit), dem Mediensystem (Presse, Rundfunk, Online-Medien) sowie verschiedenen Arten von Medieninhalten und ihrer Entstehung.

- **Language:** German
- **ECTS:** 3 ECTS Points
- **SWS:** 2h per week
- **Dates and Location:** Monday, 12:00 – 14:00 (Oct. 14 – Feb. 03 2024):
Oettingenstr. 67 (B) – B 001
Monday, 12:00 – 14:00 (Feb. 03 2024):
Geschw.-Scholl-Pl. 1 (B) - B 201
- **Work format:** Lecture
- **Belegnummer:** 15002

WP 4.2 Kommunikationsberufe I

DR. BERNHARD GOODWIN & ANTONIA MARKIEWITZ

Im Rahmen der Vortragsreihe Kommunikationsberufe stellen berufserfahrene Praktiker aus den zentralen Feldern der Medien- und Kommunikationsberufe verschiedene Berufsbilder vor und diskutieren Voraussetzungen und Eintrittschancen in das Berufsleben sowie die Aussichten und Karrieremöglichkeiten.

Mehr Informationen zu den einzelnen Veranstaltungen und die verbindliche Anmeldung zu den Veranstaltungen erfolgt über <https://webservices.ifkw.lmu.de/kobe>. Die Playlist der Veranstaltung ist unter <https://cast.itunes.uni-muenchen.de/#/clip-list/bnHbEdBAzi> verfügbar, allerdings werden die Veranstaltungen im aktuellen Semester ganz überwiegend in Präsenz abgehalten. Sollte es Schwierigkeiten geben mit dem persönlichen Besuch der Veranstaltung, dann wenden Sie sich bitte an kommunikationsberufe@ifkw.lmu.de.

- **Language:** German
- **ECTS:** 3 ECTS Points
- **SWS:** 2h per week
- **Dates:** Tuesdays, 16:00 – 18:00 and
Wednesdays, 12:00 - 14:00
Thursday, Oct. 17, 16:00 - 20:00 (different location: GESchister-Scholl-Platz 1 (A) – A 240
- **Location:** Oettingenstr. 67 (B) – B 001
- **Work format:** Seminar
- **Belegnummer:** 15003

WP 5 Environments, Planning and Policy

Dams and the Environment: Origins, Promises, Impacts, Futures

PROF. DR. UWE LÜBKEN

This seminar traces the long-lasting and severe impact of large dams around the globe. Storing water behind earthen and concrete walls has served to produce energy, to facilitate navigation, to protect against flooding and to “conserve” water for agricultural and urban demands. These gigantic infrastructural devices have fascinated not only engineers but also intellectuals,

filmmakers, and millions of visitors. Dams were at the focus of geopolitical and military conflicts. For many developing states, they symbolized beacons of modernity.

In the process of dam construction, however, entire villages have been flooded (and sometimes reappeared) and its inhabitants, quite often indigenous populations, displaced. Also, the creation of dams, and in particular high dams, came at the cost of devastating environmental consequences. More recently, environmentalists have argued for the removal of dams, in some cases successfully.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Monday, 16:00 – 18:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 13690

WP 6 Methodische Perspektive: Ethnologische Feldforschung

Ethnologische Feldforschung

PROF. DR. MAGNUS TREIBER

Die Vorlesung gibt einen Überblick über Feldforschung, die methodischer „Kern“ und zentrales Element des Selbstverständnisses der Ethnologie ist. Tatsächlich umfasst Feldforschung aber verschiedene Methoden der Datenerhebung, die für unterschiedliche Fragestellungen und Forschungsthemen verwendet werden können. Themen der Vorlesung sind die Geschichte der Feldforschung, ihre erkenntnistheoretische Reflexion, Kurzeinführungen in einzelne Methoden der Datenerhebung (zum Beispiel teilnehmende Beobachtung, offene und strukturierte Interviews, Netzwerkanalyse), Methoden der Dokumentation (Feldnotizen) und Datenauswertung, die Frage der (sozialen) Konstruktion des Feldes, sowie die Ethik der Feldforschung.

- **Language:** German
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Wednesdays, 16:00 – 18:00
- **Location:** Oettingenstr. 67 (B) – B 001
- **Work format:** Lecture
- **Belegnummer:** 12372

WP 7 Disziplinäre Perspektive: Ethnologie Thematische Vertiefung I

Please note that there are two courses in this module. You can only take one.

Jenseits des Menschen: Ethnologie und Posthumanismus

PROF. DR. THOMAS REINHARDT

Angesichts der Herausforderungen des Anthropozäns haben in den letzten Jahren Verweise auf das „Posthumane“ deutlich zugenommen. Der Posthumanismus fordert nicht nur dazu auf, das Verhältnis von Menschen | Umwelt(en) | Technologien grundsätzlich zu überdenken, er beantwortet auch die Frage nach der Natur des Menschen und den Grundlagen seiner politischen

und ethischen Subjektivität in radikal neuer Weise, indem er Pilze, Wälder, Roboter oder Bakterien mit Subjektivität und Handlungsmacht ausstattet und sie dem Menschen als handlungsfähige Selbst zur Seite stellt.

Das Seminar wird die konzeptuelle Bandbreite einer mehr-als-menschlichen Ethnologie ausloten und verschiedene theoretische Zugänge zur Erforschung von Menschen und Nicht-Menschen nach der ontologischen Wende eröffnen (neuer Materialismus, NaturenKulturen, agentieller Realismus, Afrofuturismus, Object Oriented Ontology etc.).

- **Language:** German
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 10:00-12:00
- **Location:** Oettingenstr. 67, C 007
- **Work format:** Seminar
- **Belegnummer:** 12395

"The Great Symmetrization". Die erstaunliche Renaissance des Animismus als transformatives Konzept

DR. WOLFGANG KAPFHAMMER

“Ich weiß nicht, warum man immer von einer abgesonderten Menschheit spricht. Gehören Tiere, Pflanzen und Steine, Gestirne und Lüfte nicht auch zur Menschheit und ist sie nicht ein bloßer Nervenknäuel, in den unendlich verschiedenlaufende Fäden sich kreuzen?“ (Novalis; Randbemerkungen zu Friedrich Schlegels „Ideen“ 1799). Eigentlich ist es ein Ereignis für unsere Disziplin, dass ein angestaubter religionsethnologischer Schlüsselbegriff heutzutage wieder einen romantischen, ja utopistischen Beiklang annimmt und weit über die Grenzen des Fachs hinaus Wirkung zeigt. Der Animismus, also das Leben in einem intersubjektiven und personalisierten Universum, wurde von dem französischen Anthropologen Philippe Descola wieder in die Diskussion eingebracht und gilt heutzutage vielen als Gegenpol zur hegemonialen Kosmologie der Moderne. Das Seminar setzt sich kritisch mit der Position des neuen Animismus in der Theoriebildung innerhalb der Ethnologie, sowie mit seiner Rolle als Heilsweg aus der planetarischen Umweltkrise auseinander. Es geht um die Frage, ob die „Great Symmetrization“ (Pierre Charbonnier), also die Begegnung vor-moderner und moderner Ontologien auf Augenhöhe, den transformativen Hoffnungen, die in sie gesetzt werden, gerecht werden kann.

- **Language:** German
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Thursday, 16:00-18:00
- **Location:** Oettingenstr. 67, 061
- **Work format:** Seminar
- **Belegnummer:** 12399

WP 8 Disziplinäre Perspektive: Soziologische Felder

Please note: This module consists of TWO parts (WP 8.1 and WP 8.2), both of which need to be taken to gain the full amount of ECTS points. When you register for WP 8.1, you will automatically be registered for WP 8.2, too.

WP 8.1 Einführung in die Organisationssoziologie

DR. VICTORIA SCHWARZ-VON GRODDECK

Die Vorlesung führt in die Spezialdisziplin „Organisationssoziologie“ ein. Anhand aktueller Themen, wie Digitalisierung und technischer Fortschritt, wie Entscheidungsmöglichkeiten unter komplexen Bedingungen, Skandalisierung und Moralisierung von Organisationshandeln oder auch dem Diskurs um Work-Life-Balance werden organisationssoziologische Arbeits- und Forschungsgebiete mit ihren jeweiligen Entwicklungslinien und Begriffen vorgestellt und kritisch beleuchtet. Die Vorlesung gewährt Einblick in die aktuellen Diskussionen des Fachs und liefert gleichzeitig einen angemessenen Überblick über die gesamte fachliche Entwicklung.

- **Language:** German
- **ECTS:** 4 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Monday, 12:00 – 14:00
- **Location:** Geschwister-Scholl-Platz 1 (M) – M 014
- **Work format:** Lecture
- **Belegnummer:** 15188

WP 8.2 Übung zur Vorlesung "Einführung in die Organisationssoziologie"

DR. VICTORIA SCHWARZ-VON GRODDECK

- **Language:** German
- **ECTS:** 2 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 14:00 – 16:00
- **Location:** Geschwister-Scholl-Platz 1 (A) – A 022
- **Work format:** Lecture
- **Belegnummer:** 15192

WP 9 Disciplinary Perspective: Geographical Concepts of Sustainability

Geography and Sustainability

PROF. DR. HENRIKE RAU, PROF. DR. GORDON WINDER, PROF. DR. JOHANNES GLÜCKLER,
PROF. DR. MATTHIAS GARSCHAGEN

This lecture explores current issues in sustainability and the role of geography, both human and physical geography, in sustainability studies. It addresses what ‘sustainable development’ means and how and why it is a contested field. Various approaches to sustainability in economic geography, tourism geography, urban geography, environmental policy, climatology, hydrology, and resource and environmental management are introduced and discussed.

- **Language:** English
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Tuesdays, 14:00 – 16:00
- **Location:** Richard-Wagner-Str. 10 - D 114
- **Work format:** Lecture

➤ **Belegnummer:** 20170

WP 10 Disziplinäre Perspektive: Grundlagen allgemeine und organismische Biologie

Vorlesung Vielfalt des Lebens – Tree of Life

PROF. DR. WOLFGANG FRANK, PROF. DR. PETER GEIGENBERGER, PROF. DR. JOACHIM HAUG, PROF. DR. GUDRUN KADEREIT, PROF. DR. ANDREAS KLINGL, PROF. DR. DARIO LEISTER, PROF. DR. SILKE WERTH

(BA-Level)

Die Vorlesung Formen- und Artenvielfalt vermittelt einen Eindruck über die komplette organismische Vielfalt und erläutert die Evolution, die zu dieser geführt hat. Organismengruppen, die in der Vorlesung besprochen werden, umfassen diverse Einzeller, Pilze, Pflanzen und Tiere, inklusive einer kurzen Einführung in die Evolution des Menschen. Für die jeweiligen Organismen werden die morphologischen Merkmale besprochen, u.a. die intrazellulären Besonderheiten, der Aufbau der Gewebe und Organe sowie die Individualentwicklung (Ontogenese), und in einen evolutionären Zusammenhang gestellt. Wo angebracht, werden auch Fossilbefunde erläutert. Anhand der vorgestellten Merkmale wird im Rahmen der Phylogenetik die Merkmalsevolution entlang verschiedener evolutionärer Linien rekonstruiert. Dadurch wird ein Gesamtbild der Evolution der Organismen erzeugt, welches als Grundlage für Kurse in den weiteren Semestern dient. Die Vorlesung wird von wechselnden Dozenten abgehalten.

- **Language:** German
- **ECTS:** 6 ECTS Points
- **SWS:** 4 hours per week
- **Dates and Location:** Thursday, Oct. 17 and Oct. 24, 10:30 – 12:00 s.t.:
Großhad. Str. 9 (N) - N 00.001 (Hör-/ Lehrsaal anst.)
Thursday, Oct. 31 through Feb. 6, 10:30 – 12:00 s.t.:
Großhad. Str. 2 (B) – Biologie B 00.019 (Hör-/ Lehrsaal anst.)
Friday, Oct. 18, 12:00-13:30 s.t.,
Großhad. Str. 9 (N) - N 00.001 (Hör-/ Lehrsaal anst.)
Friday, Oct. 25 – Feb. 07, 12:00-13:30 s.t., room t.b.d.
- **Work format:** Lecture
- **Belegnummer:** 19085

WP 11 Disziplinäre Perspektive: Grundlagen der Ökologie, Verhaltensbiologie und Evolutionsbiologie

Vorlesung Grundlagen der Ökologie, Verhaltensbiologie und Evolutionsbiologie

PROF. DR. NIELS DINGEMANSE, DR. SONJA GRATH, PROF. DR. JOACHIM HAUG, DR. BART NIEUWENHUIS, DR HANNAH SCHARF, PROF. DR. HERWIG STIBOR, DR. MARIA STOCKENREITER, PROF. DR. JOCHEN WOLF, DR. NATASCHA ZHANG

(BA-Level)

Dieses Modul präsentiert und veranschaulicht grundlegende Konzepte in Ökologie und Evolutionsbiologie. Es beleuchtet und integriert die Prozesse über verschiedene Organisationsebenen: Individuen, Populationen, Arten und Gemeinschaften. In der Vorlesung werden die Zusammenhänge zwischen diesen Ebenen der biologischen Komplexität untersucht. Die Studierenden lernen, wie die jeweiligen Stufen von der Umwelt beeinflusst werden (Ökologie) und im Laufe der Zeit erbliche Veränderungen erfahren (Evolution).

- **Language:** German
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Fridays, 08:30 – 10:00 (s.t.)
- **Location:** Großhad. Str. 2 (B) - Gr. Biologie B00.019
- **Work format:** Lecture
- **Belegnummer:** 19096

WP 12 Methodology: Systematic Data and Evidence

NB: prior knowledge in the field of biology is recommended.

Lecture: Systematic Data and Evidence

PD DR. ANDREAS BECK, PROF. DR. CAROLIN HAUG; PROF. DR. GUDRUN KADEREIT, DR. ANNEKE VAN HETEREN, DR. MARIE VERANSO EPSE LIBALAH, PROF. DR. SILKE WERTH

A series of lectures will discuss the following topics: paleontological and biogeographical data; speciation and radiations; diversity hotspots; principles of phylogenetic tree inference; introduction to biological collecting and collections (including visits to the Bavarian Natural History collections); taxon-specific approaches and problems (e.g., species concepts in bacteria, species concepts in higher organisms, the morpho species concept in paleobiology); role of organismal interactions in the evolution of adaptation; role of systematics in evolutionary biology; the meaning of classification, identification, nomenclature and taxonomy.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 4 hours per week
- **Dates:** Fridays, 10:00 – 14:00
- **Location:** Großhad. Str. 4 (G) - G 00.031
- **Work format:** Lecture
- **Belegnummer:** 19182

WP 13 Disziplinäre Perspektive: Globaler Wandel und das Erdsystem

Klimawandel und das Erdsystem

PROF. DR. JULIA PONGRATZ

Covered topics: - Scientific state of the art on climate change and climate impacts - Climate history (paleoclimate), causes of natural and anthropogenic climate change - Functionality

and application of micrometeorological measurement techniques - Major consequences of climate change in the Earth system and in the human-Earth system: atmosphere, oceans, coasts, cryosphere, hydrometeorological extremes, agriculture, economy, bioclimate - Inventory of current research fields: Consequences and impairments of the natural, economic and cultural environment; region-specific vulnerabilities and resilience, - Essentials of national and international climate policy; Legal basis, directives & laws; Technical, economic and political options for climate protection; Working methods of the IPCC - Introduction to the basics of climate modeling - Physical and technical foundations, scales and scaling: AOGCM & RCM, nesting, downscaling, uncertainties and errors - Scenarios and scenario development.

- **Language:** German
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Tuesdays, 10:00 – 12:00
- **Location:** Richard-Wagner-Str. 10 - D 116
- **Work format:** Lecture
- **Belegnummer:** 20151

WP 14 Disciplinary Perspective: Environmental Geobiology

NB: This module consists of TWO parts (WP 4.1 and WP 4.2), both of which need to be taken.

Introduction to biogeochemical global cycles and methods to acquire and analyze geobiological data in this context. In detail, the module includes *WP14.1 Global Cycles: Lecture* and *WP 14.2 Global Cycles: Tutorial*. The lecture imparts theoretical background on biogeochemical global cycles of relevant elements like carbon, nitrogen, phosphorous, iron, and sulfur. In each tutorial session, one student gives a 15-minute presentation on either a review article or original research article dealing with one of the biogeochemical processes discussed in class the week before, followed by a group discussion. Articles are assigned by the instructor but can also be suggested by the students.

WP 14.1 Global Cycles (Lecture)

PROF. DR. WILLIAM ORSI, DR. GONZALO GOMEZ-SAEZ

- **Language:** English
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Mondays, 14:00 – 16:00
- **Location:** Richard-Wagner-Str. 10 - D 016
- **Work format:** Lecture
- **Belegnummer:** 20411

WP 14.2 Global Cycles (Tutorial)

PROF. DR. WILLIAM ORSI, DR. GONZALO GOMEZ-SAEZ

- **Language:** English
- **ECTS:** 3 ECTS Points

- **SWS:** 2 hours per week
- **Dates:** Mondays, 16:00 – 18:00
- **Location:** Richard-Wagner-Str. 10 - D 016
- **Work format:** Tutorial
- **Belegnummer:** 20412

WP 15 Disciplinary Perspective: Marine Biology

Marine Biology

PD DR. Oliver VOIGT

The lecture introduces the following content: Basic oceanography (geography, geomorphology, plate tectonics and water circulation systems of oceans) - Physical and chemical factors in marine ecosystems - Adaptations of marine organisms - Geobiology of marine communities - Interaction of abiotic and biotic factors in different marine ecosystems - Marine biomes and marine biogeography.

Important: In order to be able to follow the lecture and to pass the exam, prior knowledge in the field of biology is a prerequisite (e.g. know what Cnidaria or Proifera are)! If you do not have this kind of knowledge, it is recommended to attend an introductory lecture like WP 10 before choosing this lecture.

- **Language:** English
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Tuesdays, 14:00 – 16:00
- **Location:** Richard-Wagner-Str. 10 - D 102
- **Work format:** Lecture
- **Belegnummer:** 20418

WP 20 Disziplinäre Perspektive: Medien und Geschichte

Wissenschaft goes Public

PROF. DR. Elisabeth Bösl

Wie können Forschungsergebnisse der Wissenschaftsgeschichte für ein breites Publikum attraktiv aufbereitet und vermittelt werden? Wir untersuchen, wie analoge und digitale Vermittlungswege genutzt und kombiniert werden können, um historische Inhalte zugänglich, inklusiv und ansprechend darzustellen. Dafür erarbeiten wir uns einen Überblick über traditionelle und moderne Vermittlungsformen und deren Reichweite, Interaktivität und Inklusionscharakter und Zielgruppenansprache. Wir diskutieren die Bedeutung der Wissenschaftskommunikation und Vermittlung für die Wissenschaftsgeschichte. Anhand von aktuellen Beispielen lernen wir die unterschiedlichen Formate und Medien zur Vermittlung wissenschaftshistorischer Inhalte kennen und vergleichen diese. Im Essay wird das Erstellen eines eigenen Formats geübt, z.B. historischer Content für soziale Medien, History Blogging, aber auch Ausstellungstext, Sachbucheintrag, Publikumsvortrag oder Führung

- **Language:** German
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week

- **Dates:** Tuesdays, 14:00 – 16:00
- **Location:** Amalienstr. 52 - K 302
- **Work format:** Übung
- **Belegnummer:** 09120

WP 35 Disziplinäre Perspektive: Geschichtswissenschaft

Wege in die Gegenwart: Kontroversen um Fluchtpunkte der Zeitgeschichte

DR. ANNE FRIEDRICHS

Zeithistorikerinnen und -historiker haben sich in den vergangenen Jahren verstärkt ihrer eigenen Gegenwart zugewandt: z.B. der Covid-Pandemie, dem Klimawandel, dem digitalen Finanzkapitalismus oder den Reaktionen auf die Ermordung George Floyds. Die Übung nimmt diese Beobachtung zum Ausgangspunkt, um die Fluchtpunkte dieser neuen gegenwartsnahen Zeitgeschichte systematisch zu erschließen. Dabei werden wir die Deutungsmuster, die in den zeitgeschichtlichen und zeitdiagnostischen Diskussionen prominent verhandelt werden, kritisch überprüfen – so die Vorstellung eines Zeitalters „nach dem Boom“, eines grundlegenden Wertewandels zulasten eines Glaubens an ein „gemeinsames Allgemeines“ wie die „Moderne“ oder einer politischen „Polykrise“. Auf diese Weise wollen wir auch geschichtswissenschaftliche Erklärungsansätze von aktuellen Problemdefinitionen in vergleichender und europäischer Perspektive erschließen und im historischen Zusammenhang betrachten.

Im Rahmen der Übung werden wir auch das Archiv des Instituts für Zeitgeschichte besuchen und dabei u.a. der Frage nachgehen, wie sich der Wandel der Geschichtswissenschaft auf die Sammlung zeitgeschichtlicher Quellen auswirkt.

- **Language:** German
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 17:00 – 19:00
- **Location:** Amalienstr. 52 - K 302
- **Work format:** Übung
- **Belegnummer:** 09298

WP 36 Disciplinary Perspective: Basic Theories and Concepts in Historiography

On Foot: Walking Through America's History

PROF. DR. UWE LÜBKEN

This seminar interrogates the history of walking in North America as an everyday practice, a mode of mobility, a form of protest, and an embodied activity tied in multiple ways to categories such as class, race, gender, age, and able-bodiedness. We will trace the origins of human bipedalism, look at the importance of walking in pre-modern, non-motorized societies, and scrutinize how the transportation revolution (trains, streetcars, automobiles) has literally pushed pedestrians to the margins. Walking, it seemed, had become an obsolete form of mobility in an ever-increasing sedentary society (as vividly exemplified in the movie “Wall-E”). Walking, however, has also developed into a form of protest against the steadily growing strains of modern life. John Muir walked “A Thousand Miles” to the gulf when he could have taken the train. More recently, walking

has witnessed a renaissance as an important component of healthy lifestyles, as a sport and leisure activity (hiking, running), and as an integral part of attempts to create sustainable cities.

Please note: This class will take place in the seminar rooms of the Department of Earth and Environmental Sciences in Richard-Wagner-Straße 10. When looking for the room, don't be surprised if you encounter gigantic skeletons since the building is also the site of the Palaeontological Museum Munich, featuring the largest Bavarian dinosaur Plateosaurus and the long-legged pseudo-crocodile Prestosuchus.

<https://bspg.snsb.de/palaeontologisches-museum-muenchen/>

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 12:00 – 14:00
- **Location:** Richard-Wagner-Str. 10 – D 114
- **Work format:** Seminar
- **Belegnummer:** 13615

WP 37 Disziplinäre Perspektive: Kunstgeschichte

NB: This module consists of TWO parts (WP 37.1 and WP 37.2), both of which need to be taken to gain the full amount of ECTS points (BA-level)

WP37.1 München um 1900: Lebensreform, Jugendstil, Avantgarde

PROF. DR. HUBERTUS KOHLE

- **Language:** German
- **ECTS:** 3 ECTS
- **SWS:** 2h per week
- **Dates:** Thursday, 14:00 – 16:00
- **Location:** Geschwister-Scholl-Platz 1 – M 118
- **Work format:** Lecture
- **Belegnummer:** 09402

WP37.2 München um 1900: Lebensreform, Jugendstil, Avantgarde

PROF. DR. HUBERTUS KOHLE

Um 1900 gehörte München zu den führenden Kunststädten Europas und wurde nur von Paris in seiner Bedeutung übertroffen. Es war ebenso Hort der Tradition wie Ausgangspunkt zentraler avantgardistischer Bewegungen der Moderne, und dies nicht nur in den Hochkunstgattungen, sondern vor allem auch im Kunsthandwerk. Wir werden im Seminar versuchen, die Vielfältigkeit der Bestrebungen in den Blick zu nehmen

- **Language:** German
- **ECTS:** 6 ECTS
- **SWS:** 3h per week
- **Dates:** Thursday, 13:00 – 16:00

- **Location:** Zentnerstr. 31 – 004 EG
- **Work format:** Seminar
- **Belegnummer:** 09427

WP 39 Methodische Vertiefung: Public Policy

The Politics of Regulation

DR. XAVIER FERNÁNDEZ-I-MARIN

Please note: This seminar will be a block seminar. Dates t.b.a.

This module provides an overview of the theoretical and conceptual foundations of public policy analysis. Thereby, the module deals with basic principles, organizational structures, and tasks of the modern state.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 14:00 – 16:00
- **Location:** t.b.a., please check on LSF
- **Work format:** Seminar
- **Belegnummer:** 15176

WP 40 Disziplinäre Perspektive: Soziologie und Gesellschaft

Please note: This module consists of TWO parts (WP 40.1 and WP 40.2), both of which need to be taken to gain the full amount of ECTS points. When you register for WP 8.1, you will automatically be registered for WP 40.2, too.

WP 40.1 Gender Inequality in Education, Work and Wealth

DR. LAILA SCHMITT

This course focuses on the profound disparities between genders across educational achievement, labor market outcomes, and wealth distribution. It explores the theoretical underpinnings and empirical evidence surrounding gender inequalities, emphasizing quantitative research methods. Students will discuss how gender inequality in education manifests through differences in access to schooling, academic achievement, and higher education opportunities. In the labor market, they will analyze occupational segregation, wage gaps, and career advancement barriers. The course also addresses wealth disparities stemming from differences in income, savings, and investment opportunities. Throughout the course, students will critically evaluate the factors contributing to these disparities and examine their implications for social policy and practice. By the end of the course, students will possess a comprehensive understanding of gender inequality dynamics in contemporary society and an appreciation for the methodological tools necessary to assess these issues rigorously.

- **Language:** English
- **ECTS:** 4 ECTS Points
- **SWS:** 2 hours per week

- **Dates:** Monday, 16:00 – 18:00
- **Location:** Konradstr. 6 – 209
- **Work format:** Seminar
- **Belegnummer:** 15244

WP 40.2 Übung zum Seminar “Gender Inequality in Education, Work and Wealth”

DR. LAILA SCHMITT

In der begleitenden Übung werden (bei individuell zu vereinbarenden Terminen) in kleinen Gruppen die Referate und Ideen für Hausarbeiten vor- und nachbesprochen.

- **Language:** German
- **ECTS:** 2 ECTS Points
- **SWS:** 2 hours per week
- **Work format:** Tutorial
- **Belegnummer:** 15245

WP 42 Disziplinäre Perspektive: Naturgefahren

Naturgefahren – Ursachen, Folgen, Handlungsoptionen

PROF. DR. LUKAS LEHNERT

The lecture covers the following topics:

- Research on hazards, risks, and catastrophes
- Danger and risk analysis
- Frequency and magnitude of natural processes
- The emergence of natural risks through
 - o Meteorological/hydrological/glaciological processes (e.g., tropical cyclone storms, heat and cold waves, flooding, droughts, storm surges and flash floods, permafrost melting)
 - o Geological/geomorphological processes (e.g. earthquakes, volcanic eruptions, erosion)
 - o Biological processes (e.g., epidemics and wildfires)
- Causes, consequences, and possible actions (sample case studies)
- Natural catastrophe management: prediction, prevention, and handling of natural catastrophes
- Impacts of natural hazards on societal processes
- The role, tasks, and potential of geography in research on catastrophes

- **Language:** German
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Mondays, 12:00 – 14:00
Bitte 7 Einzeltermine ab Januar beachten!
- **Location:** Richard-Wagner-Str. 10 - D 105
- **Work format:** Lecture
- **Belegnummer:** 20148

WP 43 Disziplinäre Perspektive: Hydrologie

Theoretische und Angewandte Hydrologie

PROF. DR. MARIANELA FADER

The lecture "Theoretical and Applied Hydrology" covers the following topics: Systems theory, systems analysis, systems synthesis

- Definitions of systems
- Linear and non-linear systems
- Basics of modeling (conservation laws, energy, mass, mathematics, differential equations)
- Modeling in hydrology (analog, conceptual, physical)
- Physics of natural transport processes (diffusion, turbulence)
- Steady state flow, Darcy's law, Manning's equation
- Elements of water management (rivers, reservoirs, turbines, etc.)
- Water abundance and quality management, water resources planning
- Water Framework Directive
- Integrated and sustainable water resource management (IWRM, SWRM)

- **Language:** German
- **ECTS:** 3 ECTS Points
- **SWS:** 2 hours per week
- **Dates:** Tuesdays, 12:00 – 14:00
- **Location:** Luisenstr. 37 (A) – A 042
- **Work format:** Lecture
- **Belegnummer:** 20154

WP 44 Disciplinary Perspective: Evolutionary Genetics

Lecture: Evolutionary Genetics

PROF. DR. RICHARD MERRILL, PROF. DR. JOCHEN WOLF, PROF. DR. JOHN PARSCH

The lecture provides an introduction to evolutionary genetics and covers both classical and modern topics, including natural selection, adaptation, genetic drift, neutral theory, human evolution, molecular evolution, speciation, quantitative genetics, and genome evolution.

Students become familiar with the terminology, theory and principles of evolutionary genetics at both the phenotypic and molecular level. The students are able to apply this knowledge in a given context, as well as evaluate and interpret the results of evolutionary genetic studies.

Additional course materials are available on Moodle:

<https://moodle.lmu.de/course/view.php?id=10222>

Key:EvoGen2024

NB: prior knowledge in the field of biology is recommended.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 4 hours per week

- **Dates:** Mondays, 10:30 – 12:00
Tuesdays, 10:30 - 12:00
- **Location:** Großhad. Str. 2 (B) - Kl. Biologie 2
- **Work format:** Lecture
- **Belegnummer:** 19181

WP 45 Disciplinary Perspective: Evolutionary Ecology

Lecture: Evolutionary Ecology

PROF. DR. NIELS DINGEMANSE, DR. HANNAH SCHARF, PROF. DR. HERWIG STIBOR

The lecture is divided in 3 parts.

The first part is a broad perspective on the history of ideas and thinking in evolutionary biology, revealing the connections between the different disciplines in ecology and evolution, as well as their origins. From a scientific point of view, it examines the interplay between genetic changes and natural selection.

The second part of the lecture is a primer on general principles of ecology. This part of the lecture is mainly repeating basic and general principles of ecology to bring EES students to a common knowledge base, independent of their educational background during their bachelor studies. Students will learn and discuss the relationships between the individual and its environment, the dynamics of populations and the structure and function of communities.

The third part focusses on the principles of behavioural ecology, introducing optimality approaches and the concept of trade-offs to explain variation in behaviour and life-history from an adaptive perspective. These principles are applied to understand life-history variation, optimal foraging strategies, mating strategies, parental care and conflict, and predator-prey interactions.

NB: prior knowledge in the field of biology is recommended.

- **Language:** English
- **ECTS:** 6 ECTS Points
- **SWS:** 4 hours per week
- **Dates:** Mondays, 08:30 – 10:00
Tuesdays, 08:30 – 10:00
- **Location:** Großhad. Str. 2 (B) - KL. Biologie 2
- **Work format:** Lecture
- **Belegnummer:** 19440

WP 47 Academic Networking

Visualising the Environment

DR. ANNA-MARIA WALTER

A limited number of MA students can participate in a three-day workshop at Studienhaus Gut Schönwag, 22-24 November, 2024, with visiting professor Alison Pouliot, mycologist and environmental photographer. Through theoretical discussions and lots of practical exercises we aim to critically reflect on how we 'perceive', understand and interpret the environment and environmental issues, thinking behind how we visualise, materialise, mediate, translate, and communicate.

- **Language:** English
- **ECTS:** 3 ECTS Points
- **SWS:** 2
- **Dates:** November 22-24
- **Location:** Studienhaus Gut Schönwag
- **Work format:** Workshop
- **Belegnummer:** 14921

Should you have any questions or trouble with registration, please do not hesitate to contact your MA coordinators at envhum@rcc.lmu.de.