

MA Environment and Society

Course Catalog

Winter Semester 2025/26

Rachel
Carson
Center



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

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About the Course Catalog

This course catalogue is meant to help you navigate the courses on offer for **winter semester 2025/26** 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:

- 1) the number of participants may be limited;
- 2) meeting times of courses may be split over multiple days a week;
- 3) course times can overlap;
- 4) 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.

You can also find this semester's courses through Vorlesungsverzeichnis → Fakultätsübergreifende Veranstaltungen → Rachel Carson Center for Environment and Society → MA Environment and Society.

Please complete the course registration via the online platform LSF. Course registration on LSF will run from 22 September through 6 October 2025. (NB: a few individual courses have alternative registration dates; these are listed with the course). Please don't wait until the last day to sign up for courses.

Later in the semester, you will also need to register for exams. You will be informed about this process in due time.

Program Overview

Sem.	Mandatory Modules (84 ECTS)				Elective Modules(36 ECTS)
1	P1 Introduction to Environment and Society (9 ECTS)	P2 Lecture Series: New Directions in E&S (6 ECTS)	P3 Research Methods in E&S (6 ECTS)	P4 Representation and Outreach (6 ECTS)	electives available across the following broad subject areas: Environmental Humanities Politics and Social Sciences Sustainability and Environmental Sciences Practice and Outreach
2	P5 Environment and Justice (9 ECTS)				
3	P6 Critical Perspectives in Environment and Society (9 ECTS)				
4	P8 Final Module (30 ECTS)				

Mandatory Modules (Pflichtveranstaltungen)

P 1 Introduction to Environment and Society

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

NB: This module consists of TWO parts (P 1.1 and P 1.2), both of which need to be taken for full credit.

P 1.1 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:** 14813

P 1.2 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 points
- **Dates:** Tuesday, 10:00 – 12:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Übung / Tutorial
- **Belegnummer:** 14814

P 2 Lecture Series: Current Perspectives on Environment and Society

P 2.1 Current Perspectives on Environment and Society: Thinking, Envisioning, and Building Futures

DR. SPENCER ADAMS, PROF. DR. SONJA DÜMPELMANN, DR. POOJA NAYAK

The first part of the lecture series with varying speakers takes place in the winter semester.

This interdisciplinary course presents a range of topics related to human-environment relationships and consists of lectures by faculty from various disciplines in the humanities, social sciences, and natural sciences. By presenting diverse research related to environmental issues, the lectures will shed light onto the complexity of human-environment relationships. Why and how do different disciplines explore and think about this nexus and specific materials, organisms, phenomena, and representations of the environment? The course seeks to enhance students' environmental literacy and open-up multiple perspectives on environments of the past, present, and future.

- **Language:** English
- **ECTS:** 3 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Thursday, 12:30– 14:00, evening lectures on Wednesday, Nov. 5, Dec. 10, Jan. 14, 18:00-20:00
- **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

P 3.1 Survey of Methods for Environment and Society

DR. SPENCER ADAMS

Please note: This course is part of a two-semester module. The second part, P 3.2, 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 points
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 8:30 – 10:00 s.t.
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14815

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 points
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 14:00 – 16:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14816

P 6 Critical Perspectives in Environment and Society

NB: This module consists of TWO parts (P6.1 and P 6.2), both of which need to be taken for full credit.

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:** 6 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 16:00-18:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14817

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

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 points
- **SWS:** 2 hours per week
- **Dates:** Thursday, 9:00 – 11:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14818

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 for full credit.

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, and about the challenges facing these landscapes today.

- **Language:** English
- **ECTS:** 6+3 ECTS points
- **SWS:** 4 hours per week
- **Dates:** Wednesday, 10:00 – 14:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14819 + 14820

P 8 Final Module

P 8.2 Colloquium Master's Thesis

PROF. DR. UWE LÜBKEN

This colloquium is a required course for all students who are writing their master's thesis in this semester.

Please note that you will not be able to sign up for this course in LSF.

- **Language:** English
- **ECTS:** 2 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Monday, 16:00 – 18:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Colloquium
- **Belegnummer:** n.a.

Electives (Wahlpflichtmodule)

WP 2 Climate Change and Society

Cycling and the Environment

PROF. DR. UWE LÜBKEN

This class looks at cycling as a sustainable and efficient form of mobility. By tracing one and a half centuries of cycling history, we will analyze how cycling developed from a bourgeois pastime into a quotidian mobility. We will scrutinize the decline of cycling as a result of the rapid rise of automobility and the “bicycle renaissance” of the 1970s. We will also interrogate more recent forms of bicycle cultures (e.g. critical mass events, bike messengers, e-bikes), many of which are closely associated with environmentalist ideas, practices, and protest. Finally, we will analyze environmental discourses attached to recreational and competitive forms of cycling and discuss the role of the bicycle in urban planning.

- **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:** 14822

WP 3 Allgemeine und Vergleichende Literaturwissenschaft

Black Atlantic/Pacific: Diasporische Passagen in Literatur und Film

DR. SARAH FEKADU-UTHOFF

Course description not yet available.

- **Language:** English
- **ECTS:** 6 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Monday, 10:00 – 12:00
- **Location:** Schellingstr. 3 (R) – R 104 B
- **Work format:** Seminar
- **Belegnummer:** 13584

WP 4 Disziplinäre Perspektive: Grundlagen der Kommunikationswissenschaft

NB: This module consists of TWO parts (WP 4.1 and WP 4.2), both of which need to be taken for full credit (BA-level courses).

If you would like to register for this class, please send an email to envhum@rcc.lmu.de until October 5 at the very latest!

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 Vorlesung beschäftigt sich mit dem Selbstverständnis und der Struktur des Fachs, ausgewählten Grundbegriffen (u.a. Kommunikation, Medien, Massenkommunikation, Öffentlichkeit), dem Mediensystem (Presse, Rundfunk, Online-Medien) sowie verschiedenen Arten von Medieninhalten und ihrer Entstehung.

Die Einführung in die Kommunikationswissenschaft besteht insgesamt aus zwei Teilen. Beide Teile (1 und 2) werden im Wintersemester zusammengelegt gehalten. In der ersten Hälfte des Semesters findet zu beiden Terminen (Montag und Donnerstag) die Einführung 1 und in der zweiten Hälfte des Semesters die Einführung 2 statt. Es wird eine gemeinsame Moodle-Seite und auch eine gemeinsame Klausur geben. Weitere Informationen hierzu erhalten Sie in der 1. Sitzung.

- **Language:** German
- **ECTS:** 3 ECTS points
- **SWS:** 2h per week
- **Dates:** Monday, 12:00 – 14:00
- **Location:** Oettingenstr. 67 (B) – B 001
- **Work format:** Lecture
- **Belegnummer:** 15480

WP 4.2 Einführung in die Kommunikationswissenschaft II

PROF. DR. DIANA RIEGER

Die Einführungsvorlesung 2 führt ebenfalls in die Grundlagen der Kommunikationswissenschaft ein und stellt ausgewählte Fachgebiete mit ihren zentralen Fragestellungen, Theorien, Forschungsmethoden und empirischen Befunden vor. Im zweiten Teil der Einführungsvorlesung stehen Forschungsansätze der Kommunikationswissenschaft im Fokus, die sich aus einer Mikroperspektive mit Medieninhalten, Medienrezeption und Medienwirkungen beschäftigen. Zudem werden kognitions- und sozialpsychologische Grundlagen vermittelt, die für das Verständnis kommunikationswissenschaftlicher Modelle erforderlich sind. Anhand klassischer Studien und aktueller Beispiele aus der Forschung wird die Entwicklung von Theorien und Methoden des Fachs verdeutlicht.

- **Language:** German
- **ECTS:** 3 ECTS points
- **SWS:** 2h per week
- **Dates:** Thursday, 12:00 – 14:00
- **Location:** Oettingenstr. 67 (B) – B 001
- **Work format:** Lecture
- **Belegnummer:** 15479

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, 14:00 – 16:00
- **Location:** 4th floor, Conference Room, Rachel Carson Center
- **Work format:** Seminar
- **Belegnummer:** 14825

WP 6 Methodische Perspektive: Ethnologische Feldforschung

Ethnologische Feldforschung

PROF. DR. MARTIN SÖKEFELD

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:** Wednesday, 16:00 – 18:00
- **Location:** Oettingenstr. 67 (L) – L 155
- **Work format:** Lecture
- **Belegnummer:** 12366

WP 7 Disziplinäre Perspektive: Ethnologie Thematische Vertiefung I

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

1-2-3 Reality Check: An Introduction to Sound Ethnography and Environmental Acoustics

PD. DR. MARTIN SAXER

What can a special attention to sound bring to the endeavor of ethnography? What can soundscapes reveal that remains out of sight? How to listen, record, understand, and write about soundscapes?

The visual, and with it, questions of (social) aesthetics, has received plenty of attention in anthropology. The aural dimension of the worlds surrounding us, however, has remained a bit of a niche in our discipline. Turning to sound can serve as a reality check that helps ground anthropology in the articulate and partially human-created environments of our current era.

In this seminar, we approach the usefulness of sound and sound recording from both a theoretical and a practical angle. We read seminal texts from Murray Schafer's ideas about soundmarks and Bernie Krause's work on anthropophony to current approaches in eco-acoustics, biodiversity research, and the soundscapes of the Anthropocene. At the same time, we venture out, listen, record, and write in order to train our oral understanding and find a language to convey our encounters.

The course is taught in English and includes an (optional) introduction into sound recording techniques.

- **Language:** English
- **ECTS:** 6 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Thursday, 14:00-16:00
Dec. 12: 10:00-17:00
Dec. 13: 10:00-17:00
- **Location:** Oettingenstr. 67, 027
- **Work format:** Seminar

➤ **Belegnummer:** 12396

Das große Weltverstummen. Überlegungen aus ethnologischer Perspektive zu einem möglichen „environmental turn“ von Psychiatrie und Psychologie

DR. WOLFGANG KAPFHAMMER

„Wenn wir nichts tun, werden wir untergehen. Vorher aber drehen wir durch!“ So resümierte ZEIT-Redakteur Bernd Ulrich einen Podcast zu unserem Tun und Lassen in Sachen Klimawandel und Artensterben. Mehr und mehr Studien zeigen, dass eine beschädigte Umwelt nicht nur physische, sondern auch psychische Störungen zeitigt. Und nicht nur das: Unsere Wahrnehmungsabwehr der Folgen der doppelten Krise von Klimawandel und Artensterben kostet uns zudem so viel psychische Energie, dass es uns erst recht schlecht geht. Rituelle Spezialist*innen aus nicht-westlichen Kontexten werden uns sicher kein Rezept ausstellen können. Möglicherweise aber können wir im Medizin-Pluralismus des Globalen Südens dringend benötigte Transformationsdynamiken herauslesen, welche in konsequent relationalen Ontologien angelegt sind, die die Umwelt nicht von der Person abspalten.

- **Language:** German
- **ECTS:** 6 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 16:00-18:00
- **Location:** Oettingenstr. 67, 061
- **Work format:** Seminar
- **Belegnummer:** 12394

WP 8 Disziplinäre Perspektive: Soziologische Felder

NB: This module consists of TWO parts (WP 8.1 and WP 8.2), both of which need to be taken for full credit. When you register for WP 8.1, you will automatically be registered for WP 8.2, too.

WP 8.1 Einführung in die Geschlechtersoziologie

DR. IMKE SCHMINCKE

Die Zugehörigkeit zu einem Geschlecht hat in unserer Gesellschaft für alle Menschen eine große Relevanz, sie ist Teil der eigenen Identität, Teil normativer Erwartungen und sie muss in der Regel eindeutig zweigeschlechtlich, also entweder männlich oder weiblich sein. Die Zugehörigkeit zu einem Geschlecht kann darüber hinaus über den Zugang zu Ressourcen und die Möglichkeiten gesellschaftlicher Teilhabe entscheiden, diese regulieren und begrenzen. Von daher hat Geschlecht auch viel mit sozialer Ungleichheit zu tun. Auf jeden Fall ist Geschlecht in mehrfacher Hinsicht eine soziale Tatsache und daher für die Soziologie ein wichtiger Gegenstandsbereich.

In dieser Vorlesung soll in die Geschlechtersoziologie eingeführt werden. Wir werden uns mit den Ursprüngen der Geschlechterforschung beschäftigen, mit wichtigen Theorien zur Erklärung der Geschlechterunterschiede und ihrer sozialen Folgen sowie mit zentralen Themen und Konzepten wie Arbeit, Care, Körper und Sexualität, Sex & Gender und Intersektionalität.

- **Language:** German
- **ECTS:** 4 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 14:00 – 16:00
- **Location:** Geschwister-Scholl-Platz 1 (A) – A 125
- **Work format:** Lecture
- **Belegnummer:** 15167

WP 8.2 Tafelübung zur Vorlesung " Einführung in die Geschlechtersoziologie "

DR. IMKE SCHMINCKE

- **Language:** German
- **ECTS:** 2 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Monday, 16:00 – 18:00
- **Location:** Konradstr. 6 – 209
- **Work format:** Tutorial
- **Belegnummer:** 15168

WP 9 Disciplinary Perspective: Geographical Concepts of Sustainability

Geography and Sustainability

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:** Tuesday, 14:00 – 16:00
- **Location:** Richard-Wagner-Str. 10 - D 114
- **Work format:** Lecture
- **Belegnummer:** 14829

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 et al.

(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. 16 – Nov. 20, 10:30 – 12:00 s.t.:
Großhad. Str. 9 (N) - N 00.001
Thursday, Oct. 30 – Feb. 2, 10:30 – 12:00 s.t.:
Großhad. Str. 2 (B) – Biologie B 00.019
Friday, Oct. 17 – Nov. 21, 12:00-13:30 s.t.,
Großhad. Str. 9 (N) - N 00.001
Friday, Oct. 24 – Feb. 06, 12:00-13:30 s.t.,
Großhad. Str. 2 (B) – Biologie B 00.019
- **Work format:** Lecture
- **Belegnummer:** 19086

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 et al.

(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:** Friday, 08:30 – 10:00 (s.t.)
- **Location:** Großhad. Str. 2 (B) - Gr. Biologie B00.019
- **Work format:** Lecture
- **Belegnummer:** 19092

WP 12 Methodology: Systematic Data and Evidence

Please note: 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 et al.

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:** Friday, 10:00 – 14:00
- **Location:** Großhad. Str. 4 (G) - G 00.031
- **Work format:** Lecture
- **Belegnummer:** 19185

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:** Tuesday, 10:00 – 12:00
- **Location:** Richard-Wagner-Str. 10 - D 116
- **Work format:** Lecture
- **Belegnummer:** 14834

WP 14 Disciplinary Perspective: Environmental Geobiology

Global Cycles (Lecture and Tutorial)

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

NB: This module consists of TWO parts (WP 14.1 and WP 14.2), both of which need to be taken for full credit.

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.

- **Language:** English
- **ECTS:** 3 + 3 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Monday, 14:00 – 16:00 (lecture)
Monday, 16:00 – 18:00 (tutorial)
- **Location:** Richard-Wagner-Str. 10 - D 016
- **Work format:** Lecture and tutorial
- **Belegnummer:** 20411 and 20412

WP 15 Disciplinary Perspective: Marine Biology

Marine Biology

PROF. DR. GERT WÖRHEIDE

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: 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 Protozoa are!). If you do not have this kind of knowledge, we recommended that you attend an introductory lecture such as WP 10 before signing up for WP 15: Marine Biology.

- **Language:** English
- **ECTS:** 3 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Tuesday, 14:00 – 16:00
- **Location:** Richard-Wagner-Str. 10 - D 016
- **Work format:** Lecture
- **Belegnummer:** 14838

WP 26 Disciplinary Perspective: Environmental Law and Governance

Umweltrecht

HELMUT PETZ

Findet 4-stündig statt, dafür nur das halbe Semester.

Geeignet für Studierende im SPB 8 oder in Studiengängen mit Bezug zum Umweltrecht (z.B. Environmental Studies)

"Der Kurs vermittelt umweltrechtlichen Grundlagen in den folgenden thematischen Bereichen:

- * Grundlagen: Verfassungsrechtliche Grundlagen, umweltrechtliche Prinzipien und Instrumente, Rechtsschutz im Umweltrecht
- * Immissionsschutzrecht
- * Naturschutzrecht
- * Kreislaufwirtschaft- und Abfallrecht
- * Grundzüge des Klimaschutz- und Klimaanpassungsrechts sowie des Gewässerschutzrechts"

- **Language:** German
- **ECTS:** 3 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Friday, 10:00 – 14:00; October 17 – December 12
- **Location:** Schellingstr. 3, Rückgebäude (R 203)
- **Work format:** Lecture
- **Belegnummer:** 03122

WP 33 International Collaboration in the Environmental Humanities Vienna's socio-natural sites – histories of urban transformations

LENA ENGEL, DR. JONATAN PALMBLAD

NB: Block seminar; max. number of participants: 15!

Making sense of a place through narratives is a wonderful task for environmental historians. In intensive dialogues with people and places, this course will introduce you to Vienna, former imperial capital surrounded by forests and vineyards and shaped by its struggle with a powerful alpine river, the upper Danube. This course shall empower you to understand such ‚nature's metropolises‘ through environmental history. We will closely read and intensively debate texts that prepare you for a one-week field trip and to complete your tasks on site, both individually and in groups. In Vienna, we will then search and, with the help of experts from a wide range of professions and disciplines, read the traces of several historical transformations of Vienna during the last two millennia, from times of war and violence, but also from periods of peace, new beginnings and societal progress. This common journey through a city and its history shall broaden our perspective, let us think in new ways about urban life and how it can be transformed today, into feasible futures, aware of its global dependence from other humans, resources and ecologies.

Transportation, accommodation and some meals are paid for by the RCC.

- **Language:** English
- **ECTS:** 3 ECTS points
- **SWS:** Block plus sessions
- **Dates:** Kickoff: 11.11. 2025, 10-12 s.t. via Zoom; Reading & Inputs, Seminar in Munich: 9.2.-10.2.2026; On site Workshop in Vienna, 4 days: 23.3.-27.3.2026
- **Location:** Munich and Vienna
- **Work format:** Project seminar
- **Belegnummer:** 14966

WP 35 Disziplinäre Perspektive: Geschichtswissenschaft

Gewalt und Schutz. Deutsche und internationale Geschichte im ‚langen‘ 20. Jahrhundert

PROF. DR. ANNE FRIEDRICH

Gewalt und Schutz gehören zu den grundlegenden Themen der Geschichtswissenschaft. Sie lassen sich in allen Epochen finden und stehen häufig in engem Wechselverhältnis zueinander. Dabei hat sich die historische Forschung zum 20. Jahrhundert vor allem mit verschiedenen Formen extremer Gewalt und deren Voraussetzungen befasst: mit Krieg, systematischer Verfolgung, Vernichtung, Zwangsarbeit und Genozid. Auf dieser Basis geht die Übung dem Ausbau der internationalen Schutzmaßnahmen im Laufe des 20. Jahrhunderts als eine Folge exzessiver Gewalt insbesondere vonseiten des NS-Regimes nach. Wie hingen Gewalt und Schutz im 20. Jahrhundert zusammen? Wer definierte, was als schützenswert galt? Wie veränderte sich das Bewusstsein über eine Schutzbedürftigkeit in der deutschen Gesellschaft im Laufe des 20. Jahrhunderts? Die Übung wendet sich auch weniger beachteten Formen von Gewalt wie im privaten Raum oder der Schädigung der Umwelt zu. Sie bietet damit Einblicke in neuere geschichts-, rechts- und kulturwissenschaftliche Ansätze zur Erforschung von Schutz und Gewalt.

- **Language:** German
- **ECTS:** 6 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Friday, 13:00 – 15:00
- **Location:** Amalienstr. 52 - K 402
- **Work format:** Tutorial
- **Belegnummer:** 09212

WP 36 Disciplinary Perspective: Basic Theories and Concepts in Historiography

A History of Public Transportation in the United States

PROF. DR. UWE LÜBKEN

This course investigates the origins, the development, the key features and the impact of public transportation systems in the United States from the early nineteenth century to the present. We will examine key modes of public transportation such as horse-drawn and electric streetcars, subways, buses, and commuter rail, and explore how they shaped urban growth, suburbanization, racial segregation and gentrification. The course will analyse the rise of private car use and the corresponding decline of public transit in the postwar period as well as the recent push for sustainable and equitable mobility

- **Language:** English
- **ECTS:** 6 ECTS points
- **SWS:** 2 hours per week
- **Dates:** Wednesday, 14:00 – 16:00
- **Location:** Theresienstr. 41 – C 111
- **Work format:** Seminar
- **Belegnummer:** 13641

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 40.1, you will automatically be registered for WP 40.2, too.

WP 40.1 Neuzeit and WP 40.2 Übung zum Seminar

DR. GINA ATZENI

"Neuzeit" ist nicht nur eine Epochenbeschreibung, sondern prägt als Selbstverständnis bis heute unsere Denkstile und Sozialformen.

Im Seminar nehmen wir einige der kulturelle Formationen, Knotenpunkte zwischen Denk- und Sozialformen, in den Blick, die uns als typisch neuzeitlich gelten, um daran besser zu verstehen, wie in der Neuzeit und durch die Neuzeit Welt neu gedacht und neu geformt wurde, wie Denken und Formen zusammenhängt und wie wir selbst als Soziologinnen und Soziologen in diesen Zusammenhang verstrickt sind.

- **Language:** German
- **ECTS:** 4 + 2 ECTS points
- **SWS:** 4 hours per week
- **Dates:** Wednesday, 10:00 – 14:00
- **Location:** Konradstr. 6 – 208
- **Work format:** Seminar
- **Belegnummer:** 15257 + 15233

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:** Monday, 12:00 – 14:00
Bitte 7 Einzeltermine ab Januar beachten!
- **Location:** Richard-Wagner-Str. 10 - D 105
- **Work format:** Lecture
- **Belegnummer:** 14852

WP 43 Disziplinäre Perspektive: Hydrologie

Theoretische und Angewandte Hydrologie

PROF. DR. RALF-PETER LUDWIG

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:** Thursday, 10:00 – 12:00
- **Location:** Luisenstr. 37 (C) – C 024
- **Work format:** Lecture
- **Belegnummer:** 14944

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.

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

- **Language:** English
- **ECTS:** 6 ECTS points
- **SWS:** 4 hours per week
- **Dates:** Monday, 10:30 – 12:00
Tuesday, 10:30 - 12:00
- **Location:** Großhad. Str. 2 (B) - Kl. Biologie 2
- **Work format:** Lecture
- **Belegnummer:** 19184

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.

Moodle Enrolment Key: EvoEco_2122

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

- **Language:** English
- **ECTS:** 6 ECTS points
- **SWS:** 4 hours per week
- **Dates:** Monday, 08:30 – 10:00
Tuesday, 08:30 – 10:00
- **Location:** Großhard. Str. 2 (B) - KL. Biologie 2
- **Work format:** Lecture
- **Belegnummer:** 19453

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