Universität Potsdam

INTERNATIONAL COURSE CATALOG

Courses taught in English for postgraduate students (Master)

Master

Winter Semester 2025/26

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Contents

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List of Abbreviations

Types of Courses

AG	working group
B	compact course
BL	compact seminar
DF	various forms
EX	field trip
FP	research internship
FS	research seminar
FU	advanced practice course
GK	introductory course
KL	colloquium
KU	course
LK	reading course
LP	teaching methods project
OS	advanced seminar for degree candidates
P	project seminar
PJ	project
PR	internship
PU	practice course
RV	lecture series
S	seminar
S1	seminar/internship
SK	seminar/colloquium
SU	seminar/practice course
TU	tutorial
U	practice course
UT	
V	lecture
V5	
VS	lecture/seminar
VU	lecture/practice course
WS	workshop

Other

AG	Arbeitsgruppe | study group
N.N.	`nomen nesciat`, Latin for `name unknown` | lecturer not assigned yet
n.V.	nach Vereinbarung | on appointment
LP	Leistungspunkte | ECTS-credits
SWS	Semesterwochenstunden | hours of instruction per course per week

Introduction

The University of Potsdam offers an ever-increasing number of courses taught in English at both undergraduate (Bachelor) and postgraduate (Master) level. In this international course catalog you will find only courses taught in English at postgraduate level (Master). For courses at undergraduate level (Bachelor), please check the International Course Catalog for undergraduate students

https://puls.uni-potsdam.de/QIS/VVZ/20252/ICC_20252_B.pdf

This catalog of courses taught in English has been compiled for international program and exchange students. If you are studying at the University of Potsdam as a degree-seeking student, please refer to the study regulation (Studienordnung) or the respective study program on the university's website. Along with the university course catalog (Vorlesungsverzeichnis), the international course catalog is published ahead of the respective semester (winter semester: mid-September / summer semester: mid-March).

This course catalog is structured according to the faculty structure of the University of Potsdam. Please note that the terms used for the structural subdivisions differ from faculty to faculty. Hence, with regard to the individual faculty, the courses are listed under the faculty's subdivisions called "departments", "institutes", or "academic fields", respectively.

Courses at Department of English and American Studies are reserved primarily for students of English and American Studies or Cultural Studies.

In addition to the courses offered by the faculties, you can also find the list of courses offered by the Center of Language and Key Competences (Zessko), which are mostly English language courses. Language courses are generally open to exchange students within the available capacity and the admission is considered on an individual basis.

Please note that only those faculties and subdivisions are listed in the international course catalog that actually offer courses taught in English. As the number of ECTS (LP) granted in a particular course can vary depending on the quantity of work invested and on the student's status (undergraduate / postgraduate, degree-seeking / non-degree-seeking), this course catalog does not contain any indications of ECTS.

Please contact your departmental exchange coordinator when you have questions about:

- ECTS
- course content
- signing your Learning Agreements
- compiling your course schedule

If you have not already received information of your respective departmental exchange coordinator, you can find more information via the following website by choosing the faculty you are going to study at:

https://www.uni-potsdam.de/en/international/incoming/international-students/exchange/erasmus-coordinators

Faculty of Arts

Faculty of Arts
Am Neuen Palais 10
14469 Potsdam

https://www.uni-potsdam.de/en/philfak/

Department of English and American Studies					
Course ID	Course Type	Course Title			
115133	U	Translation German-English			
Lecturer		Day and Time	Frequency	Room	Start
Gary Wayne Lovan		Monday 12:00	weekly	1.09 1.15	13/10/2025
Gary Wayne Lovan		Friday 12:00	weekly	1.19 0.31	17/10/2025
Course ID	Course Type	Course Title			
115134	U	Socratic Debating in English			
Lecturer		Day and Time	Frequency	Room	Start
Gary Wayne Lovan		Monday 14:00	weekly	1.09 1.15	13/10/2025
Gary Wayne Lovan		Tuesday 12:00	weekly	1.09 1.14	14/10/2025
Course ID	Course Type	Course Title			
115135	U	Academic Writing with a Focus on Argument			
Lecturer		Day and Time	Frequency	Room	Start
Gary Wayne Lovan		Monday 10:00	weekly	1.09 1.15	13/10/2025
Gary Wayne Lovan		Tuesday 10:00	weekly	1.19 1.22	14/10/2025
Gary Wayne Lovan		Tuesday 14:00	weekly	1.19 1.16	14/10/2025
Gary Wayne Lovan		Friday 10:00	weekly	1.19 0.31	17/10/2025
Course ID	Course Type	Course Title			
115963	S	Introduction to Digital Literary Studies			
Lecturers		Day and Time	Frequency	Room	Start
Luca Giovannini, Priyam Goswami Choudhury, Henny Sluyter-Gäthje		Wednesday 12:00	weekly	1.09 1.15	15/10/2025
Comment					
In the course ”Introduction to Digital Literary Studies”, we will be tackling some of the basic forms through which the field of literary studies is being transformed in the age of Digital Humanities (DH). Offered as an introductory course for Masters students, the course is divided in three parts: as an introduction to the methodologies that are available in DH for literature; as ways to show the exemplary forms of analysing and exploring literature and literary genres (drama, poetry, novel, and memoir); and finally, as a more experiment-based learning space where students will have their own projects at the end of the course. It is expected that students who will attend this course will be able to critically analyse a literary text through one of the methods that will be discussed and used in the course at the end of the semester. While previous coding experience is not required, students will be expected to have access to a computer in order to follow the course and its mandatory requirements. During the first class of this course (on 15.10.2025), there will be time set aside for questions and queries. If you cannot make it to the first class, please make sure to write priyam.goswami.choudhury@uni-potsdam.de and/or henny.sluyter-gaethje@uni-potsdam.de with your queries.					
Remark					
Students studying MA Germanistik are strongly encouraged to also take part in the seminar ”Python, Pandas, Anaconda. KI-unterstütztes Programmieren für Literaturwissenschaftler:innen”, which will be aligned with the programme of this seminar . The participation in both courses will enable the students to complete the entire module in this winter semester.					

Course ID	Course Type	Course Title			
115964	SU	Übersetzungspraktikum / Independent Translation Project			
Lecturer		Day and Time	Frequency	Room	Start
Anke Bartels		Wednesday 10:00	weekly	1.19 1.22	15/10/2025
Comment					
This course is only for students who have to do the "Übersetzungspraktikum" as part of their Master's degree in Anglophone Modernities in Literature and Culture. Please note that you cannot only do C2 translations. For those of you who do not speak enough German, there will also be other options.					
Literature					
Course material will be provided on Moodle.					

Course ID	Course Type	Course Title			
115965	SU	Academic Essay Writing			
Lecturer		Day and Time	Frequency	Room	Start
Anke Bartels		Wednesday 12:00	weekly	1.19 1.22	15/10/2025
Comment					
The course is designed to strengthen your academic writing in English. To this end we will deal with the components of essay writing: the design of the introductory, main body, and concluding paragraphs as well as the conventions of MLA 9. Naturally we hope the course will also deepen your English. At advanced levels, language can only be deepened by using it to do challenging tasks - and few tasks are more challenging than writing good argument. The number of participants in this course is limited to 20 students.					
Literature					
Course material will be provided on Moodle.					

Course ID	Course Type	Course Title			
115966	SU	Translation			
Lecturer		Day and Time	Frequency	Room	Start
Anke Bartels		Thursday 12:00	weekly	1.19 0.31	16/10/2025
Comment					
Improving your expression in and knowledge of English through intensive comparison and contrast with German: that is the main purpose of this course. Translation is a powerful tool for improving your proficiency because it uses your native language - your semantic bedrock that all your explorations in the second language build up from. Alan Duff: `Translation develops three qualities essential to all language learning: flexibility, accuracy, and clarity. It trains the learner to search (flexibility) for the most appropriate words (accuracy) to convey what is meant (clarity).` You learn to think from words and structures to meanings - translation sensitizes you to the nuances of style and meaning better than anything other language learning activity. By contrasting the meanings of words and syntax, you can move away from literal (whatever that means!) translations to meaning (whatever that is!). The number of participants in this course is limited to 20 students.					
Literature					
Course material will be provided on Moodle.					

Course ID	Course Type	Course Title			
116074	S	Introduction to Anglophone Modernities			
Lecturers		Day and Time	Frequency	Room	Start
Lars Eckstein, Abiral Kumar		Monday 16:00	weekly	1.19 1.16	13/10/2025

Course ID	Course Type	Course Title			
116080	BL	Exile Literature			
Lecturers		Day and Time	Frequency	Room	Start
Abiral Kumar, Pavan Kumar Malreddy			weekly		

Course ID	Course Type	Course Title			
116082	S	Curating Decolonization? Multimedia Engagements with (Settler) Colonialism			
Lecturer		Day and Time	Frequency	Room	Start
Alisa Preusser		Friday 16:00	single event	1.19 1.21	17/10/2025
Alisa Preusser		Friday 09:00	single event	1.19 1.21	28/11/2025
Alisa Preusser		Saturday 09:00	single event	1.19 1.21	29/11/2025
Alisa Preusser		Friday 09:00	single event	1.19 1.21	05/12/2025
Alisa Preusser		Saturday 09:00	single event	1.19 1.21	06/12/2025
Alisa Preusser		Friday 14:00	single event	1.19 1.21	23/01/2026

Comment

What does it mean to talk about decolonization in German and North American contexts? What does it mean to ‘curate’ decolonization in different spaces—be it museums, literary collections, or reading lists in classes such as this one? Decolonization has multiple genealogies—grounded in specific political and cultural movements, intellectual schools of thought, and artistic practices. In this class we will discuss what decolonization means and how its meanings differ in the context of both Germany’s ongoing colonial histories and North American settler colonialism. To do so, we will engage with a range of critical and creative materials, including literary texts and multimedia art forms (e.g. video essay and film). These text and art forms curate their own narratives and critiques of decolonization, and allow different perspectives on our class topic that challenge institutionalized (hi)stories. Next to university spaces, the Humboldt Forum in Berlin is a prominent place of such institutionalized (hi)stories. We will visit the Humboldt Forum, a highly contested institution that claims to curate a novel decolonial approach, yet continues to be critiqued by many with charges of ‘colonial amnesia,’ appropriation, and failure to meet calls for reparative justice. We will ask how the Humboldt Forum narrates both its own colonial legacies and colonialism in North America, and how it narrates different decolonial trajectories: What stories of colonialism and decolonization does this institution tell, how so, what is left out, and to what effect? These questions speak to larger debates about German and North American memory cultures. They also allow us to ask: what does it mean to ‘do American Studies’ here in Potsdam/ Berlin? Our discussions will demand careful attention to situated knowledge (production) and the role of the reader/ viewer as a co-producer of meaning. Students should be ready to approach the texts and exhibition with open-mindedness in order to challenge and critically rethink their own assumptions, and to join in a shared, respectful process of reflection and learning. To do so, students are asked to complete the readings and participate in in-class discussions.

Literature

All literary and critical materials will be provided in class.

Remark

Format: Please note that this course is designed as a Blockseminar . It consists of the following sessions, all of which will take place in person: 1 introductory meeting on Oct. 17 and 1 block on Nov. 28-29 and 1 block on Dec. 5-6 and 1 session for project discussions and academic writing on Jan. 23 There will be sufficient breaks scheduled during the block sessions. Please make sure you can attend all sessions.

Course ID	Course Type	Course Title			
116088	S	Radical Pedagogies			
Lecturer		Day and Time	Frequency	Room	Start
Nicole Waller		Tuesday 12:00	weekly	1.19 1.16	14/10/2025

Comment

This course examines various theories of and approaches to transformative and critical pedagogies, such as Paulo Freire’s conception of a pedagogy of the oppressed, Chandra Mohanty’s work on pedagogies of dissent, bell hooks’s theories on teaching to transgress and teaching critical thinking, and the concepts developed in Sandy Grande’s Red Pedagogy . We will look at work that understands teaching as embedded in power structures and addresses questions of social justice, colonialism, and the cultural specificity of what is considered ‘knowledge’. The course is designed to focus on theory, but we will also examine the representation and conception of pedagogy in novel and film. This is a reading-intensive class.

Course ID	Course Type	Course Title			
116089	KL	Colloquium Anglophone Modernities			
Lecturer		Day and Time	Frequency	Room	Start
Nicole Waller		Wednesday 10:00	weekly	1.09 1.15	15/10/2025

Comment
This research colloquium provides students in Anglophone Modernities with the opportunity to study and critically engage with various current approaches to literary and cultural studies. Advanced students can also present their own MA projects and receive feedback. In addition, we will make time to discuss the process of writing an MA thesis. Attention: the central approaches discussed in this particular colloquium are poststructuralism/deconstruction, postcolonialism, and ecocriticism.

Course ID	Course Type	Course Title			
116121	V	An Introduction to the History of English			
Lecturer		Day and Time	Frequency	Room	Start
Alisa Egorova		Monday 10:00	weekly	1.09 1.12	13/10/2025

Comment
The course offers an introduction to the history of the English language from its origins to the present day. It explores the linguistic roots of English, the changes in pronunciation and loss of inflections, as well as the enormous expansion in vocabulary, which characterises the development of English. We will also consider the different varieties of English in evidence today and the similarities and dissimilarities between English and other Germanic languages. Among the difficulties encountered by ESL/EFL students are the English system of tenses as well as the discrepancy between spelling and pronunciation: these will all be addressed in this series of lectures.
Literature
Chapters from the following books will be provided on Moodle: Algeo, J. & Pyles, T. (2004) The Origins and Development of the English Language. 5th edition, Thomson Wadsworth Barber, C., Beal, J. C. and Shaw, P. A. (2009) The English Language: A Historical Introduction. 2nd ed. Cambridge UP Baugh, Albert C. and Thomas Cable. 2013. 6th ed. A History of the English Language. London and New York: Routledge. Kohnen, T. (2014) Introduction to the History of English. Frankfurt/M. etc.: Peter Lang.

Course ID	Course Type	Course Title			
116122	S	Old English			
Lecturer		Day and Time	Frequency	Room	Start
Alisa Egorova		Monday 12:00	weekly	1.09 1.14	13/10/2025

Comment
This course is meant as an introduction to the Old English language spoken 1000 years ago by the Anglo-Saxon inhabitants of Britain and which is the origin of what is known as Modern English. Special attention will be paid to grammatical and phonological peculiarities of that language. Students will have to acquire a minimal basic vocabulary of Old English and the appropriate techniques of translating Old English texts. The seminar aims at (1) a better understanding of the Modern English language via knowledge of its history, (2) enabling students to read and translate simple Anglo-Saxon texts with the help of a dictionary.
Literature
The required reading will be available on Moodle.

Course ID	Course Type	Course Title			
116123	S	Approaches to Second Language Acquisition			
Lecturer		Day and Time	Frequency	Room	Start
Susanne Reinhardt		Wednesday 10:00	weekly	1.19 1.16	15/10/2025

Comment
This course aims to provide an overview of concepts, current research questions and methodologies in the study of Second Language Acquisition (SLA) and will take an interdisciplinary approach. Thus, SLA will be considered from linguistic (what is learned), psychological (how is knowledge acquired) and social (in which contexts) perspectives and multiple interactions of these factors will be explored. In these areas, different theories of SLA and the critical reactions to them will be examined.

Course ID	Course Type	Course Title			
116124	S	Introduction to Synchronic Linguistics Pt. 2			
Lecturers		Day and Time	Frequency	Room	Start
Susanne Reinhardt		Monday 14:00	weekly	1.09 1.12	13/10/2025
Susanne Reinhardt		Tuesday 10:00	weekly	1.09 1.12	14/10/2025
Susanne Reinhardt		Wednesday 12:00	weekly	1.09 1.12	15/10/2025
Matthias Klumm		Thursday 14:00	weekly	1.09 1.14	16/10/2025

Comment
This is the second part of a two-course module which lays the groundwork for all further coursework in linguistics. In this course, students will learn about aspects of syntax, i.e. how phrases, clauses, and sentences are formed. They - excerpt the relevant knowledge from course-specific online material and/or literature on the basis of guiding questions, - test their understanding by applying their newly acquired knowledge to exercise questions, - clarify questions in class, and - complete assignments, which also include application tasks in order to later be able to use these skills in the advanced linguistics courses in their BA and MA studies. We strongly recommend attending this course in parallel with part I.
Literature
The main reference book will be: Greenbaum, Sidney and Randolph Quirk (1990): A students grammar of the English language. Harlow: Longman. (recommended for purchase, also for later reference.)

Course ID	Course Type	Course Title			
116125	S	Prosody in Interaction			
Lecturer		Day and Time	Frequency	Room	Start
Susanne Reinhardt		Monday 10:00	weekly	1.19 0.31	13/10/2025
Comment					
If language is considered to be a means of communication – and thus, of making oneself understandable to one's interlocutors – conceptualising language in the structuralist tradition, as a hierarchical system of units on different linguistic levels, paints an incomplete picture. While phonemes certainly serve as meaning-distinguishing units, morphemes carry lexical and grammatical meaning, and syntax provides a framework for encoding complex semantics, drawing solely on these means leaves plenty of room for ambiguities, interpretation, and misunderstandings, an issue ubiquitous for written interaction of any kind. This class explores prosody – the "'musical' aspects of speech" such as intonation, loudness and voice quality – and how such vocal features contribute to the meaning of talk. We will be discussing a variety of prosodic cues, and investigate how specific prosodic choices shape our understanding of any given verbal utterance.					
Requirement					
While not a precondition for participation, participants will benefit from a basic knowledge of Conversation Analysis / Interactional Linguistics.					
Literature					
Szczepek Reed, Beatrice (2011). Analysing conversation: An introduction to prosody. Palgrave Macmillan.					

Course ID	Course Type	Course Title			
116128	S	Comedy on the Screen			
Lecturer		Day and Time	Frequency	Room	Start
Aileen Behrendt		Thursday 14:00	weekly	1.09 1.15	16/10/2025
Requirement					
Academic Paper					

Course ID	Course Type	Course Title			
116131	S	Narratology			
Lecturer		Day and Time	Frequency	Room	Start
Aileen Behrendt		Thursday 10:00	weekly	1.09 1.15	16/10/2025

Course ID	Course Type	Course Title			
116254	S	English-based Pidgins and Creoles in Music and Film			
Lecturer		Day and Time	Frequency	Room	Start
Hans-Georg Wolf		Monday 10:00	weekly	1.19 1.22	13/10/2025
Comment					
In this seminar, we will survey English-based pidgin and creole varieties around the world, as realized in music and film. In the first part of the seminar, foundational theoretical aspects regarding the development and structural features of English-based pidgins and creoles will be introduced. In the second part, students will be invited to gather musical and/or filmic material that makes use of a given pidgin or creole variety and to analyze it linguistically, in the context of the linguistic situation in which the material was created.					
Literature					
Will be provided at the beginning of the seminar.					

Course ID	Course Type	Course Title			
116255	EX	Field trip to Indonesia			
Lecturer		Day and Time	Frequency	Room	Start
Hans-Georg Wolf			Block		
Comment					
This field trip serves as a linguistics seminar for graduate students in the teacher training and linguistics programs. Its main objectives are to gain a first-hand insight into the role of English in Indonesia in the country's multilingual and multicultural setting as well as intercultural experience at large.					
Literature					
Will be provided at the beginning of the seminar.					

Course ID	Course Type	Course Title			
116257	S	What does it mean to be a student?			
Lecturer		Day and Time	Frequency	Room	Start
Gigi Therese Adair		Tuesday 10:00	weekly	1.09 1.14	14/10/2025
Comment					
This seminar will critically explore the identities, roles, and social functions of students and universities. Through a cultural studies lens, we will examine the ways in which universities have been sites of power, knowledge production, and ideological struggle. We will interrogate the relationship between the student as an individual and the university as a cultural institution, exploring issues such as education, labour, identity, discipline, and resistance. And we will study a number of student movements and student protests to understand how students in various locations and contexts have imagined and demanded different universities and, by extension, different societies.					

Course ID	Course Type	Course Title			
116258	S	Digital Culture			
Lecturer		Day and Time	Frequency	Room	Start
Gigi Therese Adair		Tuesday 14:00	weekly	1.09 2.06	14/10/2025
Comment					
This course examines various critical approaches to digital culture, drawing on critical theory, media studies, and ethnographic research to understand how digital technologies shape—and are shaped by—cultural practices, power dynamics, and identities and to examine the impact of the digital on everyday life, work, surveillance and policing, identity, creativity, politics and more.					

Course ID	Course Type	Course Title			
116259	S	Text, Discourse, Communication			
Lecturer		Day and Time	Frequency	Room	Start
Alice Cesbron		Monday 12:00	weekly	1.11 2.27	13/10/2025
Alice Cesbron		Monday 16:00	weekly	1.19 1.21	13/10/2025

Course ID	Course Type	Course Title			
116262	S	Content and Language Integrated Learning			
Lecturer		Day and Time	Frequency	Room	Start
Urška Grum		Monday 10:00	weekly	1.19 1.16	13/10/2025
Comment					
Achtung: Das Seminar richtet sich, anders als auf PULS verzeichnet, nur an Studierende der Sekundarstufe Englisch. The seminar deals with Content and Language Integrated Learning (CLIL) as a dual-focused educational approach in which a foreign or second language is used for the learning and teaching of both language and content. The aim of this course is to familiarize participants with the basic theories, principles and methodological options of CLIL in the context of various school subjects (e.g. Geography, History, Politics/Civic Education, Biology). Advantages and disadvantages of this particular approach as well as issues of assessment and current research findings concerned with CLIL and bilingual teaching and learning will be discussed, enabling participants to make informed choices when developing curricular units for CLIL as well as English language classes. Seminar requirements will be discussed in detail during the first session.					

Course ID	Course Type	Course Title			
116263	S	(Re)Imagining Black diasporas			
Lecturer		Day and Time	Frequency	Room	Start
James Paradza		Monday 12:00	weekly	1.19 1.16	13/10/2025

Comment
In this seminar, we will use Afrofuturism as a theoretical framework to analyse the representations of Black diasporas in various cultural texts. Afrofuturism is an aesthetic that presents an alternative vision of the Black body's existence across different contexts. It combines elements of African cultural practices with speculative fiction to reframe the unjust realities faced by Black diasporas. Throughout this seminar, we will not only explore Afrofuturistic narratives but also actively engage with them, drawing from materials across both continental and diasporic Africa to understand how Blackness is represented and negotiated. We will use three cultural texts as key case studies to guide our analysis: "Mother of Invention" (2018) by Nnedi Okorafor, "Dirty Computer" (2018) by Janelle Monáe, and "Black Panther" (2018), directed by Ryan Coogler. Afrofuturism serves as a critical form of social commentary, as it addresses marginalising power structures and intersectional identity-based hierarchies. Therefore, we will incorporate theories and perspectives from gender, race, class, nation, and disability studies throughout the seminar. Assessments will include an individual presentation on a topic of your choice, a reflection essay, and a term paper (if applicable). Course materials will be posted on MOODLE.
Literature
Course materials will be posted on MOODLE.

Course ID	Course Type	Course Title			
116272	S	Queer Cinema			
Lecturer		Day and Time	Frequency	Room	Start
Simon Dickel		Thursday 10:00	weekly	1.09 1.12	16/10/2025

Comment
In 1992, New York City's Village Voice published B. Ruby Rich's influential article "New Queer Cinema." At the time, Rich identified a new wave of filmmaking that not only depicted queer characters but that also stood for formal innovations. "New Queer Cinema" has since been used as a genre-defining term. Starting with her essay and the films by some of the filmmakers she refers to, such as Rose Troche, Isaac Julien, and Todd Haynes, we will relate her ideas to the emergence of queer theory, which also dates back to the early 1990s. In a second step, we will discuss earlier gay, lesbian, and trans representations and make an excursion to Filmmuseum Potsdam's "Filmerbe Festival: Als Queer schwarz-weiß war." In the last sessions of our seminar, we will look at more recent queer films and ask how queer cinema has developed over the last three decades. Among the films we will discuss are Looking for Langston (Isaac Julien, 1989), Nitrate Kisses (Barbara Hammer, 1992), Go Fish (Rose Troche, 1994), The Watermelon Woman (Cheryl Dunye, 1996), Mysterious Skin (Gregg Araki, 2005), Weekend (Andrew Haigh, 2011), Love is Strange (Ira Sachs, 2014), Carol (Todd Haynes, 2015), Gendernauts / Genderation (Monika Treut, 1999/2021), Close to You (Dominic Savage, 2024).
Requirement
Regular attendance and active participation

Course ID	Course Type	Course Title			
116274	S	Manifestos			
Lecturer		Day and Time	Frequency	Room	Start
Simon Dickel		Tuesday 12:00	weekly	1.09 1.02	14/10/2025

Comment
Over the centuries, political activists and artists have been writing manifestos to express their aesthetic ideas and political demands. The numerous feminist and queer manifestos provide a concise overview of the history of ideas in relation to gender, sexuality, race, class, body, and affect. Examples include the paradigm shifts of the so-called four waves of feminism and the development from homophile movements, to gay, lesbian, queer, trans, and non-binary movements. Political movements and arts and culture have always informed each other, as can be seen in Valerie Solanas's S.C.U.M. Manifesto , the 1991 Riot Grrrl Manifesto by the band Bikini Kill, Annie Sprinkle's Ecosexual Manifesto , Paul B. Preciado's Countersexual Manifesto , Legacy Russell's Glitch Feminism , or the influential manifestos by Donna Haraway. In our seminar sessions, we will focus on selected manifestos and contextualize them from a theoretical and a historical perspective. Towards the end of the seminar, you will be asked to write a manifesto of your own.
Requirement
Regular attendance and active participation
Literature
Valeria Schulte-Fischedick. Ed.: MANIFEST Yourself! (Queer) Feminist Manifestos since the Suffragettes . Berlin: Künstlerhaus Bethanien, 2023. Breanne Fahs. Ed.: Burn It Down!: Feminist Manifestos for the Revolution . New York: Verso, 2020.

Course ID	Course Type	Course Title			
116279	S	Classroom Interaction			
Lecturer		Day and Time	Frequency	Room	Start
Taiane Malabarba		Friday 10:00	weekly	1.09 1.15	17/10/2025
Comment					
This seminar includes a virtual exchange component in collaboration with a partner university in Turkey. During the period of 04.11 to 05.12, instead of the weekly sessions on Friday 10-12, students will be required to participate in group meetings outside of the scheduled class time, in coordination with students from the partner university. These meetings are an essential part of the course and will be arranged flexibly based on the availability of students from both institutions. Please consider this time commitment when registering for the seminar.					

Course ID	Course Type	Course Title			
116280	S	Introduction to Synchronic Linguistics Pt. 1			
Lecturers		Day and Time	Frequency	Room	Start
Matthias Klumm		Wednesday 10:00	weekly	1.09 1.12	15/10/2025
Matthias Klumm		Thursday 16:00	weekly	1.09 1.02	16/10/2025
Mary Ifeoluwa Abidoye		Friday 10:00	weekly	1.09 1.14	17/10/2025
Denisa Latic		Wednesday 14:00	weekly	1.09 1.12	22/10/2025
Denisa Latic		Friday 14:00	weekly	1.09 1.14	24/10/2025
Comment					
This is the first part of a two-course module which lays the groundwork for all further coursework in English linguistics. It aims to introduce students to the nature of language and the major domains of linguistic inquiry as well as its basic concepts, principles and tools in the following areas: Phonetics, Phonology, Morphology and Lexical Semantics. Students will - excerpt the relevant knowledge from course-specific online material and/or literature on the basis of guiding questions, - test their understanding by applying their newly acquired knowledge to exercise questions, - clarify questions in class, and - complete assignments in order to later be able to use these skills in the advanced linguistics courses in their BA and MA studies. There will be quizzes and a mock exam. Please note that this course is offered by different instructors on different time slots every week. Tutorials (which provide you with further practice) will be announced at the beginning of the semester. It is strongly recommended that students attend one of these tutorials regularly. We strongly recommend attending this course in parallel with part II.					
Literature					
Kortmann, Bernd. 2020. English Linguistics: Essentials. 2nd edition. JB Metzler.Students are encouraged to acquire a copy of the book before the beginning of the semester.					

Course ID	Course Type	Course Title			
116283	S	Exploring language learner interaction			
Lecturer		Day and Time	Frequency	Room	Start
Jana Roos		Wednesday 12:00	weekly	1.19 0.31	15/10/2025
Jana Roos		Wednesday 14:00	single event	1.08 0.58	05/11/2025
Jana Roos		Wednesday 14:00	single event	1.08 0.58	12/11/2025
Jana Roos		Thursday 15:30	single event	1.08 0.58	27/11/2025
Comment					
Interaction is fundamental to language learning. A key feature of language teaching is that learners interact with one another and with their teachers. In this seminar, we will explore different aspects of learner-learner and learner-teacher interaction and discuss e.g. the role of interactional feedback or language learning activities and tasks in order to understand the challenges that second language interaction presents and the opportunities for language learning that it offers. The seminar will be held in cooperation with a seminar at the University of Innsbruck, Austria (Prof. Anke Lenzing). In three seminar sessions, students from both universities will have the opportunity to work together in order to exchange ideas and discuss various aspects of classroom interaction. Please note that due to differences in teaching times between the two universities, the three sessions will take place outside the regular seminar time: Wednesday, 05.11., 14:00-16:00 Wednesday, 12.11., 14:00-16:00 Thursday, 27.11., 15:30-17:00					

Course ID	Course Type	Course Title			
116284	S	Task-based language teaching and second language acquisition			
Lecturer		Day and Time	Frequency	Room	Start
Jana Roos		Tuesday 10:00	weekly	1.09 1.15	14/10/2025

Comment
Task-based Language Teaching (TBLT) has gained importance as a teaching approach for language learners of all age groups. In TBLT, students learn through communicative tasks, which engage them in meaningful language use. This seminar explores the main principles underlying TBLT and its implications for second language acquisition (SLA) and language pedagogy. In the first part of the seminar we will discuss research findings and their implications for foreign language teaching and learning and analyse task-based interaction data. In a second step, we will evaluate language learning opportunities provided by task-based activities in coursebooks, explore ways of designing tasks and experiment with tasks in mini-lessons conducted by students.

Course ID	Course Type	Course Title			
116285	S	Differentiation and Inclusion in the EFL Primary Classroom			
Lecturer		Day and Time	Frequency	Room	Start
Hannah Ruhm		Monday 16:00	weekly	1.19 0.31	13/10/2025

Course ID	Course Type	Course Title			
116286	S	Reading and Writing in the Primary EFL Classroom			
Lecturer		Day and Time	Frequency	Room	Start
Hannah Ruhm		Friday 10:00	weekly	1.04 3.06	17/10/2025

Course ID	Course Type	Course Title			
116290	S	Begegnungsunterricht in Theory and Practice			
Lecturers		Day and Time	Frequency	Room	Start
Friederike Rebekka Schirmag		Monday 10:00	weekly	1.09 1.14	13/10/2025
Susanna Lörken		Wednesday 12:00	weekly	1.09 1.14	15/10/2025
Susanna Lörken		Wednesday 14:00	weekly	1.09 1.14	15/10/2025

Course ID	Course Type	Course Title			
116297	S	Happier, Fitter, More Productive - Self-Help Books			
Lecturer		Day and Time	Frequency	Room	Start
Verena Adamik		Friday 12:00	weekly	1.19 1.16	17/10/2025

Comment
This seminar engages with the cultural phenomenon of self-help literature and its impact on the modern subject. We will look at early examples from the nineteenth century (British and US American), and then address themes such as productivity, relationships, finances, and parenting, in more contemporary publications. Critical theory on postmodernism, capitalism, gender and race will help students to analyze the ideological implications embedded within this self-help advice.
Literature
Excerpts for participation in the course discussions will be supplied. After choosing an essay topic, students need to work with the respective full texts for their essays (that is, students will eventually need to ensure access to at least one or two complete books); all of them are cheaply available second-hand. Tentative preview: Who Moved My Cheese, Johnson; The Game, Strauss; Rich Dad, Poor Dad, Kiyosaki; Achtung Baby, Zaske
Learning content
This seminar engages with the cultural phenomenon of self-help literature and its impact on the modern subject. We will look at early examples from the nineteenth century (British and US American), and then address themes such as productivity, relationships, finances, and parenting, in more contemporary publications. Critical theory on postmodernism, capitalism, gender and race will help students to analyze the ideological implications embedded within self-help advice.

Course ID	Course Type	Course Title			
116299	S	The US American Novel - Sentiment and *Race			
Lecturer		Day and Time	Frequency	Room	Start
Verena Adamik		Thursday 16:00	weekly	1.09 1.15	16/10/2025

Comment
”In novels which expose no particular vice, and which recommend no particular virtue, the fair reader, though she may find amusement, must finish them without being impressed with any particular idea: So that if they are harmless, they are not beneficial.” (William Brown Hill on The Power of Sympathy) This course seeks to trace the endurance and ideological messaging of sentimentalism in US American literature, especially in the crucial role it played on discourses about slavery, ‘interracial’ marriage, Antiblack racism, and police brutality. We will work with genre definitions and debates, affect theory and critical race theory to consider, discuss, and critique how famous novels of the USA negotiate race as an emotive issue.
Literature
Tentative suggestions: Harriet Beecher Stowe: Uncle Tom’s Cabin , Pauline E. Hopkins: Hagar’s Daughter, Harper Lee: To Kill A Mockingbird , Thomas Dixon Jr.: The Leopard’s Spots , Sutton E Griggs: The Hindered Hand , Marie Howland Papa's Own Girl , William Brown Hill: The Power of Sympathy, Helen Hunt Jackson: Ramona , Alice Walker: The Color Purple, Kathryn Stockett: The Help, Gilbert Imlay: The Emigrants, Margarete Walker: Jubilee, Toni Morrison: Beloved, … possibly more

Course ID	Course Type	Course Title			
116304	S	Authorship			
Lecturer		Day and Time	Frequency	Room	Start
Dirk Wiemann		Thursday 12:00	weekly	1.09 1.15	16/10/2025

Course ID	Course Type	Course Title			
116305	KL	MA Research Colloquium			
Lecturer		Day and Time	Frequency	Room	Start
Dirk Wiemann		Tuesday 14:00	weekly	1.19 0.31	14/10/2025

Course ID	Course Type	Course Title			
116308	S	Writing Linguistic Papers			
Lecturer		Day and Time	Frequency	Room	Start
Alice Cesbron		Thursday 14:00	weekly	1.19 1.21	16/10/2025

Course ID	Course Type	Course Title			
116503	S	Cultural Cognition across Englishes			
Lecturer		Day and Time	Frequency	Room	Start
Denisa Latic		Thursday 10:00	weekly	1.19 1.16	23/10/2025

Course ID	Course Type	Course Title			
116504	S	Introduction to Cultural Linguistics			
Lecturer		Day and Time	Frequency	Room	Start
Denisa Latic		Wednesday 10:00	weekly	1.19 0.31	22/10/2025
Denisa Latic		Thursday 14:00	weekly	1.19 1.16	23/10/2025

Course ID	Course Type	Course Title			
116505	S	Cultural-conceptual approaches to English language teaching			
Lecturer		Day and Time	Frequency	Room	Start
Denisa Latic		Friday 10:00	weekly	1.19 1.22	24/10/2025
Comment					
Research project + presentation					

Course ID	Course Type	Course Title			
117215	S	Films and Cultural Learning in ELE			
Lecturer		Day and Time	Frequency	Room	Start
Katharina Delius		Thursday 10:00	weekly	1.19 1.22	16/10/2025

Comment
Films of all genres (including short films, feature films, series and serials as well as documentaries can offer insights into the worlds of (fictional) individuals who move in a certain social environment and whose actions are shaped by a specific cultural context. Analysing and reflecting on these subjective perspectives can sensitize learners to cultural diversity and complexity and therefore offer a starting point for cultural learning processes in the EFL classroom. In this seminar, we will explore how films can challenge one's own perspective as well as contribute to the development of identity. We will examine various examples of different film genres and teaching materials for their potential to promote learners' foreign language discourse competence. Participants will get the chance to develop micro-teaching units which will be discussed within the seminar and possibly taught in a project day with a school. Please note: Contrary to what is stated in Puls, this course is only intended for secondary school students. Bitte beachten Sie: Diese Lehrveranstaltung richtet sich, anders als bei Puls angegeben, nur an Studierende der Sekundarstufe.
Literature
Texts will be provided at the beginning of the semester.

Course ID	Course Type	Course Title			
117216	S	Inclusive English Language Education			
Lecturer		Day and Time	Frequency	Room	Start
Katharina Delius		Monday 10:00	weekly	1.04 1.06	13/10/2025

Comment
The English as a Foreign Language (EFL) classroom is characterized by diversity, incorporating students from a wide range of linguistic, socio-cultural, and educational backgrounds, along with those who have special educational needs. This diversity results in a vibrant learning environment where students are supposed to engage inclusively side by side in mainstream educational settings. Consequently, ELE teachers must be adept at catering to the varied individual needs of their students. This seminar offers an introduction to the wide concept of inclusion and its practical applications within the EFL context. We will explore the theoretical foundations of inclusion, emphasizing its significance in fostering a supportive and effective learning atmosphere. Participants will be equipped with essential knowledge and skills to create and sustain an inclusive language learning environment which embraces and celebrates diversity. They will engage in discussions, case studies, and practical workshops designed to provide actionable strategies for managing diverse classrooms effectively. Ultimately, participants will get the chance to focus on different aspects of an inclusive EFL classroom or present their own teaching ideas will be discussed within the seminar. Please note: Contrary to what is stated in Puls, this course is only intended for secondary school students. Bitte beachten Sie: Diese Lehrveranstaltung richtet sich, anders als bei Puls angegeben, nur an Studierende der Sekundarstufe.
Literature
Texts will be provided at the beginning of the semester.

Course ID	Course Type	Course Title			
117217	KL	English Language Education Research Colloquium			
Lecturer		Day and Time	Frequency	Room	Start
Urška Grum		Monday 14:00	weekly	1.19 0.31	13/10/2025

Comment
Achtung: Das Kolloquium richtet sich, anders als auf PULS verzeichnet, nur an Studierende der Sekundarstufe Englisch. What does research have to do with me? – I want to become an English teacher! This course introduces you to current research practices in the fields of English Language Education and Applied Linguistics. Primary objectives of this course are to · introduce you to research methods in the field of English Language Education · help you understanding research findings and their relevance for teaching English · introduce you to Open Science and Open Educational Resources · support you with own research project (e.g. during your internship (Praxissemester) The colloquium is open to all English Language Education students (BA-/ MA-Studierende Lehramt Englisch). This course is an additional offer, unfortunately no credits can be earned. Please contact Prof. Grum, if you are interested in taking this course.

Course ID	Course Type	Course Title			
117218	S	AI in English Language Education			
Lecturer		Day and Time	Frequency	Room	Start
Urška Grum		Tuesday 10:00	weekly	1.19 0.31	14/10/2025

Comment
Achtung: Das Seminar richtet sich, anders als auf PULS verzeichnet, nur an Studierende der Sekundarstufe Englisch. This seminar explores how AI is transforming English Language Education. We will critically discuss and explore how AI-based technology can effectively enhance L2 learning and teaching. The focus will not only be on (1) how AI can assist L2 teachers with, e.g. lesson planning, material development, diagnostics and assessment, but mainly on (2) how L2 learners can benefit from AI-based activities and how AI-based tools and methods can be applied in the English language classroom. The goal is to enable students to critically analyse the quality of AI-based tools for L2 learning and teaching as well as the value of human interaction in the L2 classroom. Thus, throughout the seminar, students will develop practical and analytical skills to explore and examine different AI-based tools and methods for various fields of L2 language learning, teaching and assessment. Seminar requirements will be discussed in detail during the first session. Students will not be required to engage with any AI tools.

Course ID	Course Type	Course Title			
117219	S	Reading literature in the EFL classroom: from picture books to Young Adult Novels			
Lecturer		Day and Time	Frequency	Room	Start
Britta Freitag-Hild		Monday 14:00	weekly	1.11 1.22	13/10/2025
Britta Freitag-Hild		Tuesday 14:00	weekly	1.19 1.22	14/10/2025

Course ID	Course Type	Course Title			
117459	S	Kontrastive Linguistik			
Lecturer		Day and Time	Frequency	Room	Start
Matthias Klumm		Thursday 08:00	weekly	1.19 1.16	16/10/2025

Course ID	Course Type	Course Title			
117621	S	Nigerian English			
Lecturer		Day and Time	Frequency	Room	Start
Mary Ifeoluwa Abidoye		Monday 12:00	weekly	1.19 1.21	13/10/2025

Course ID	Course Type	Course Title			
117654	S	English Grammar for Language Teachers			
Lecturer		Day and Time	Frequency	Room	Start
Anna Carolina Oliveira Mendes		Thursday 10:00	weekly	1.19 0.31	16/10/2025
Anna Carolina Oliveira Mendes		Friday 12:00	weekly	1.19 1.22	17/10/2025

Department of History

Course ID	Course Type	Course Title			
114873	S	Oral Tradition, Oral History, and Life History in African History			
Lecturer		Day and Time	Frequency	Room	Start
Marcia Schenck		Wednesday 16:00	weekly	1.09 2.12	15/10/2025

Comment
Historians of Africa contributed to pioneering the methodology of oral history in the 1960s in the anglophone academy, thereby opening a field of study that subsequently spread across history sub-disciplines. This course charts the evolution of debates about the theory and practice of oral history from the collection of classical oral traditions, through oral histories, to individual life histories. The course confronts ethical questions around writing history based on oral sources and tackles the very practicalities of doing oral history. The relationship between orality and memory is an important theme as is the connection between orality and literacy. Questions on which students will be reflecting for the duration of this course include but are not limited to: What is oral tradition? How can I analyze oral tradition? Does oral history tell us about the past or the present? How can I interpret sifting and constructed memories? Is there a danger that individual lives fail to adequately represent processes, movements, or broader experiences, and if so, how might this be overcome? Or do individual lives provide insights I would otherwise not be able to locate? Students will walk away from this course with a theoretical understanding of oral history as well as with first practical experiences.

Literature
• Jan Vansina, Oral Tradition as History (Madison: University of Wisconsin Press, 1985 • Abrams, Lynn. Oral History Theory. London New York: Routledge, 2010. • De Blasio, Donna, Charles F. Ganzert, David H. Mould, Stephen H. Paschen, Howard L. Sacks,ed. Catching Stories: A Practical Guide to Oral History. Athens, OH: Swallow Press / Ohio University Press, 2009 • Luise White,Speaking with Vampires: Rumor and History in Colonial Africa (Berkeley: University of California Press, 2000)

Course ID	Course Type	Course Title
114876	U	The Right To Research and the Conditions of Production of History

Lecturer	Day and Time	Frequency	Room	Start
Marcia Schenck	Friday 14:00	single event	1.09 2.16	07/11/2025
Marcia Schenck	Saturday 09:00	single event	1.09 2.16	17/01/2026
Marcia Schenck	Sunday 09:00	single event	1.09 2.16	18/01/2026
Marcia Schenck	Saturday 09:00	single event	1.09 2.16	24/01/2026

Comment
This course examines the right to research and the conditions of scholarly production of historical scholarship. It does so by paying close attention to one book in particular, namely the anthology ”The Right to Research: Historical Narratives by Refugee and Global South Researchers” edited by Kate Reed and Marcia C. Schenck, published in January 2023 by McGill-Queen’s University Press in their forced migration studies series. We will work with Michel Rolph Trouillot’s understanding of the ”conditions of production” of history and pay close attention to the four axes of silencing he identifies in the writing of history, which occur during the creation of a) sources, b) archives, c) historical narratives, d) ”history in the final instance.” Moreover, we will discuss and expand upon Arjun Appadurai’s notion of the right to research, and think about standpoint epistemology, objectivity, diversity and the limits and opportunities of the inclusion paradigm. During our discussion, we will reflect together with the authors of this anthology on questions such as: What makes a person a researcher? Who is and is not considered to be a historian? What does it mean to write history from a refugee camp? What are the scope and limits of oral histories? What story for which audience? How can we understand a right to research? What follows for our historical practice inside and outside the academy? During this course, we will read through the anthology and supplement the chapters with additional secondary literature. Exploring what it means to become a researcher, The Right to Research understands historical scholarship as an ongoing conversation - one in which we all have a right to participate. The course thus offers a special format, whereby we will discuss each chapter in the presence of the author. This means, you will have the privilege of meeting and interacting with the contributors of the anthology who are living in, or working from, France, Syria, Kurdistan, Rwanda, Kenya, Ethiopia, Yemen, Saudi Arabia, and Burundi. They inhabit different points along the continuum from displacement to emplacement and each of them have chosen to research and write a topic dear to their heart. The chapters cover topics such as education in Kakuma Refugee Camp, the political power of hip-hop in Rwanda, women migrants to Yemen, and the development of photojournalism in Kurdistan.

Literature
Appadurai, Arjun. "The Right to Research." Globalisation, Societies and Education 4, no. 2 (2006): 167-77. Kleist, J. Olaf. "The History of Refugee Protection: Conceptual and Methodological Challenges." Journal of Refugee Studies 30, no. 2 (2017): 161-69. https://doi.org/10.1093/jrs/fex018. https://doi.org/10.1093/jrs/fex018. Levi, Giovanni. "Frail Frontiers?*." Past & Present 242, no. Supplement_14 (2019): 37-49. https://doi.org/10.1093/pastj/gtz037. https://doi.org/10.1093/pastj/gtz037. Reed, Kate, Marcia C. Schenck, ed. The Right to Research: Historical Narratives by Refugee and Global South Researchers. Edited by James Milner Meagan Bradley, Refugee and Forced Migration Studies Series. Montreal & Kingston: McGill-Queen’s University Press, 2023. Táíwò, Olúf##mi. Against: Decolonization: Taking African Agency Seriously. Hurst, 2022. Trouillot, Michel-Rolph. Silencing the Past: Power and the Production of History. Beacon Press, 1995.

Course ID	Course Type	Course Title
114941	V	Vorlesung What can Postcolonial Studies do?

Lecturers	Day and Time	Frequency	Room	Start
Marcia Schenck, Katharina Wesselmann	Tuesday 16:00	weekly	1.11 0.09	14/10/2025

Comment
This interdisciplinary lecture explores the critical tools and insights that Postcolonial Studies offer for understanding global histories, power dynamics, and cultural exchanges shaped by colonialism and its legacies. Through key texts, case studies, and contemporary debates, students will examine how postcolonial theory challenges dominant narratives, and how it intersects with fields such as history, literature, political science, and area studies, including fields where this approach might be unexpected. The course invites reflection on the relevance of postcolonial thought in addressing issues of identity, resistance, globalization, and decolonization today, both on a general level and in respect of the participating disciplines: (Global) History, Political Science and English as well as Ancient, Romanic and Slavic Literary Studies.
Literature
During the semester we will engage with a host of topics which our guests will bring to the table. Some of these will require targeted readings. For a general overview, please refer to: Postcolonial Studies and Beyond, Duke University Press, 2005.

Course ID	Course Type	Course Title			
114973	VU	Core Course: Introduction to WCS/IWS			
Lecturer		Day and Time	Frequency	Room	Start
Sönke Neitzel		Tuesday 10:00	weekly	1.11 0.09	14/10/2025
Sönke Neitzel		Tuesday 14:00	weekly	1.09 2.03	14/10/2025

Comment
The lecture will provide students of the International War Studies and War and Conflicts programmes with on overview of methods, sources and theoretical approaches of historians, political scientists and sociologists to their field. Furthermore core aspects of key wars and conflicts from Medieval times towards the present age will be discussed.
Literature
Hew Strachan, The Changing Character of War, Oxford 2007 Garry Sheffield (Ed.), War Studies Reader, London 2010, pp. 1-15 Jeremy Black, Jeremy: Introduction to Global Military History. 1775 to the Present Day, London 2005.

Course ID	Course Type	Course Title			
114975	LK	From Napoleon to Hitler: The Road to Total War, 1792–1945			
Lecturer		Day and Time	Frequency	Room	Start
Sönke Neitzel			weekly		

Comment
In this reading course students will read key books on the history of total war in modern history.
Literature
The reading list will be provided in the first session.

Course ID	Course Type	Course Title			
114976	S	From Napoleon to Hitler: The Road to Total War, 1792–1945			
Lecturer		Day and Time	Frequency	Room	Start
Sönke Neitzel		Wednesday 10:00	weekly	1.09 2.03	15/10/2025

Comment
The seminar will analyze the radicalization of warfare from the Napoleonic age to the Second World War. We discuss a variety of topics including the revolution of warfare, the changing character of propaganda, ideology, economies and international law. We critically discuss the concept of total war and try to define the footprint of modern wars. This includes the interaction of radicalization and restriction of armed conflicts.
Literature
Roger Chickering, Stig Förster, War in an Age of Revolution 1775-1815, Washington 2013, Stig Förster, Jörg Nagler, On the Road to Total War. The American Civil War and the German Wars of Unification 1861-1871, Washington 2002 Roger Chickering, Stig Förster, Great War, Total War. Combat and Mobilization on the Western Front 1914-1918, Washington 2000 Roger Chickering, Stig Förster, The Shadow of Total War. Europe, East Asia and the United States 1919-1939, Washington 2007 Roger Chickering, Stig Förster, Bernd Greiner, A World at Total War. Global Conflict and the Politics of Destruction, 1937-1945, Washington 2010.

Course ID	Course Type	Course Title			
114981	U	Ethics and war: Classical texts and contemporary debates			
Lecturer		Day and Time	Frequency	Room	Start
Paul Silas Peterson		Tuesday 16:00	weekly	1.09 2.03	14/10/2025

Comment
In this course we will read and discuss classical and contemporary literature dealing with the major ethical questions and dilemmas of war. Classical literature and legal texts on the subject will be read and discussed in order to provide a framework for the contemporary debates. Through the course students will acquire foundational knowledge in the history of the ethical issues and deepen their understanding of contemporary argumentative debates.
Literature
A reader will be provided for the students.

Course ID	Course Type	Course Title			
114983	U	Maritime Security and Sea Power in the 21st century			
Lecturer		Day and Time	Frequency	Room	Start
Torsten Albrecht		Thursday 14:00	weekly	1.12 0.14	16/10/2025

Comment
In recent years, the increasing public debate about the maritime environment in the 21st century, particularly with regard to global warming, has led to the presumed security policy implications for the entire maritime environment increasingly becoming the focus of political discussions. Today more than ever, the maritime security policy environment is characterized by changing threats and new, different types of risks that primarily affect Germany, Europe and North America. Further geopolitical tensions are to be expected due to eroding state structures in parts of Africa, the Middle East, Latin America and Asia, increasing multipolarity and a resurgence of nationalist tendencies in parts of the world. In light of these security policy trends, the maritime space will play a fundamental role as a central power and order projection space. Threats such as classic interstate conflicts that have direct security and economic consequences, for example for Germany and the EU or for NATO, cannot be completely ruled out. These are primarily characterized by border and territorial waters conflicts and disputes over exclusive economic zones (EEZs) and continue to represent a direct maritime threat scenario. In addition to clearly identifiable threats, however, more and more indirect risks are endangering maritime security. These include maritime terrorism, political, economic, ethnic and religious sub-state conflicts and state collapse in the immediate vicinity of straits and resource sources, as well as attacks on merchant and passenger ships by pirates, criminal groups or terrorists. Economic, energy policy and ecological developments are also increasingly jeopardizing maritime security. Climate change, environmental destruction, illegal migration and illegal arms and drug trafficking as a form of organized crime are risks that threaten Europe and Germany indirectly or directly from the sea. The dependence of modern industrial and service societies on free sea routes, as well as the increasing importance of critical infrastructures for energy production and energy sources at sea, also represents a major potential vulnerability. As a rule, this can only be countered with projection measures The theoretical framework of the course, in order to be able to comprehensively examine the topic of maritime security and classify it in terms of political science theory, is provided by the neorealist school of thought and spatial theory in a geostrategic context. The neorealist approach is used to examine the actions of actors in the international system in the maritime environment. Since the maritime environment consists exclusively of spaces, predominantly sea areas and coastlines, it makes sense to analyze these in social science spatial theory, here with a focus on geostrategic spaces. By integrating the two different theories into the context of the maritime environment, participants in the module will be able to grasp and describe the essential elements of the maritime environment and maritime security in the 21st century from a political science perspective. The course is taught in English.
Literature
Bruns, S.: Seemacht USA: Marinestrategie, Politik und Einsatz 1981-2011, Kieler Analysen zur Sicherheitspolitik, 39, 25 Seiten, März 2015. EU-Kommission: Global Strategy oft he Europe, neue Europäische Sicherheitsstrategie, EU-Rat, Brüssel, 2016. Mahncke, D. und Schwarz, H.-P.: Seemacht und Außenpolitik, Alfred Metzner Verlag, Frankfurt am Main, 1974. Kirchhoff, H.: Seemacht in der Ostsee – Ihre Einwirkung auf die Geschichte der Ostseeländer im 17. und 18. Jahrhundert, Hermann Kirchhoff (Autor), Buch, Softcover , 392 Seiten, 1907, Nabu Press (Verlag), digitaler Nachdruck, 2010. Ohlendorf, L.: Widerstreitende Interessen und Strategien im Hohen Norden im 21. Jahrhundert, Kieler Analysen zur Sicherheitspolitik Nr. 44, 1-21, Februar 2016. Schmitt, C.: Land und Meer, Stuttgart, 2008 (1942). Seidler, F.F.: Maritime Herausforderungen der NATO, Analysen zur Sicherheitspolitik an der CAU Kiel (ISPK), Band 8, Verlag Peter Lang, 2015. Till, G.: Seapower, Buch Softcover, 432 Seiten, 3rd Revised edition, Routledge-Verlag, 2013. Till, G. und Bratton (Hrsg.), P.: Sea Power and the Asia-Pacific Buch, Softcover, 296 Seiten, Routledge-Verlag, 2012. Waltz, K.: Man the state and war. A theoretical analysis, New York, London, 1959 Waltz, K.: Theory of International Politics, Illinois, (Neuauflage), 2010.

Course ID	Course Type	Course Title			
115492	U	Themes and Skills in War and Conflict Studies Historical, PolSci and IR Approaches			
Lecturer		Day and Time	Frequency	Room	Start
Bastian Matteo Scianna		Wednesday 14:00	weekly	1.09 2.03	15/10/2025

Comment
This hands-on course focuses on themes and skills useful to War and Conflict Studies. It serves as an introduction to relevant central concepts and theories of the historical and political sciences and international relations, and equips students with relevant methods to tackle interdisciplinary questions. By touching upon a series of topics, and by being exposed to a variety of academic genres and styles, students will familiarize themselves with specific issues of War and Conflict – while understanding the differences between those formats written for a variety of audiences and using distinct language. Students will train valuable academic skills by producing and reviewing a series of short academic texts. Finally, this course aims to improve students' proficiency in the English language by providing a space for the practice and reflection of academic essay writing.

Course ID	Course Type	Course Title			
115493	LK	From Napoleon to Hitler: The Road to Total War, 1792–1945			
Lecturer		Day and Time	Frequency	Room	Start
Bastian Matteo Scianna		Wednesday 10:00	weekly	Online Veranstaltung	15/10/2025

Comment
In this reading course students will read key books on the history of total war in modern history.
Literature
The reading list will be provided in the first session.

Course ID	Course Type	Course Title			
115494	OS	From Napoleon to Hitler: The Road to Total War, 1792–1945			
Lecturer		Day and Time	Frequency	Room	Start
Bastian Matteo Scianna		Wednesday 08:30	weekly	1.09 2.03	15/10/2025

Comment
The seminar will analyze the radicalization of warfare from the Napoleonic age to the Second World War. We discuss a variety of topics including the revolution of warfare, the changing character of propaganda, ideology, economies and international law. We critically discuss the concept of total war and try to define the footprint of modern wars. This includes the interaction of radicalization and restriction of armed conflicts.
Literature
Roger Chickering, Stig Förster, War in an Age of Revolution 1775-1815, Washington 2013, Stig Förster, Jörg Nagler, On the Road to Total War. The American Civil War and the German Wars of Unification 1861-1871, Washington 2002 Roger Chickering, Stig Förster, Great War, Total War. Combat and Mobilization on the Western Front 1914-1918, Washington 2000 Roger Chickering, Stig Förster, The Shadow of Total War. Europe, East Asia and the United States 1919-1939, Washington 2007 Roger Chickering, Stig Förster, Bernd Greiner, A World at Total War. Global Conflict and the Politics of Destruction, 1937-1945, Washington 2010.

Course ID	Course Type	Course Title			
115495	U	Themes and Skills in War and Conflict Studies Historical, PolSci and IR Approaches			
Lecturer		Day and Time	Frequency	Room	Start
Christian Rieck		Friday 10:00	single event	1.09 2.05	09/01/2026
Christian Rieck		Friday 10:00	single event	1.09 2.05	16/01/2026
Christian Rieck		Friday 10:00	single event	1.09 2.05	23/01/2026
Christian Rieck		Friday 10:00	single event	1.09 2.05	30/01/2026
Christian Rieck		Friday 10:00	single event	1.09 2.05	06/02/2026

Comment
This hands-on course focuses on themes and skills useful to War and Conflict Studies. It serves as an introduction to relevant central concepts and theories of the historical and political sciences and international relations, and equips students with relevant methods to tackle interdisciplinary questions. By touching upon a series of topics, and by being exposed to a variety of academic genres and styles, students will familiarize themselves with specific issues of War and Conflict – while understanding the differences between those formats written for a variety of audiences and using distinct language. Students will train valuable academic skills by producing and reviewing a series of short academic texts. Finally, this course aims to improve students' proficiency in the English language by providing a space for the practice and reflection of academic essay writing.

Literature
Margaret Macmillan: War: How Conflict Shaped Us, London 2020. Myriam Dunn Cavelty, Thierry Balzacq (eds.): Routledge Handbook on Security Studies (2nd ed.), Milton Park 2010. Manus I. Midlarksy (ed.): Handbook of War Studies, Milton Park 2011. Joseph Soeters et al. (eds.): The Routledge Handbook of Research Methods in Military Studies, Milton Park 2016. Gary Sheffield (ed.): War Studies Reader. From the Seventeenth Century to the Present Day and Beyond, Continuum 2010. Marc Trachtenberg: The Craft of International History, Princeton 2006.

Course ID	Course Type	Course Title			
116196	S	Seminar What can Postcolonial Studies do?			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Marcia Schenck, Katharina Wesselmann		Tuesday 16:00	weekly	1.11 0.09	14/10/2025

Course ID	Course Type	Course Title			
116295	S	Colonial Crimes and International Law			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Riley Linebaugh		Monday 16:00	weekly	1.12 0.14	13/10/2025

Comment
This course critically examines the intersection of imperial violence and the evolution of international legal norms from the late 19th century to the postcolonial present. Rather than a survey, it will introduce case studies connecting Germany and Namibia, the UK and India, France and Algeria and Italy and Ethiopia alongside various transnational legal phenomena, such as the Geneva Conventions and Third World Approaches to International Law. Students will engage with primary sources, legal texts, and recent scholarship to interrogate the limits and possibilities of international law as a framework for justice in colonial and postcolonial contexts. The class will consider the following, The development and use of law in connection to colonial expansion and control Non- and pre-colonial legal customs Recourse to the law in addressing colonial crimes, including their classification The relationship between evidence, archives, and oral traditions The role of historians as ‘expert witnesses’ Students will be assessed according to their study requirements and are welcome to submit work in either English or German.

Literature
Antony Anghie, Imperialism, Sovereignty and the Making of International Law (Cambridge University Press, 2004). Lauren Benton and Lisa Ford, Rage for Order: The British Empire and the Origins of International Law, 1800–1850 (Harvard University Press, 2016). Fabian Klose, Human Rights in the Shadow of Colonial Violence: The Wars of Independence in Kenya and Algeria (University of Pennsylvania Press, 2013).

Department of Philosophy

Course ID	Course Type	Course Title			
114717	S	Monism: From Antiquity to Our Days			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Anton Kabeshkin		Monday 14:00	weekly	1.11 2.22	13/10/2025

Comment
Although we normally think that the world contains a great manifold of different things, throughout the history of philosophy there have been thinkers who thought that, at least at the fundamental level, all is one. In this seminar we will look at some of the most important thinkers of this kind, monists. Monism comes in several varieties, for instance: 1) is there only one kind of things? 2) Is there only one individual thing at the fundamental level?; 3) Is there only one individual thing at all? We will start with the some of the most ancient Western philosophers, Heraclitus and Parmenides, as well as at monistic and non-monistic interpretations of these philosophers. We will continue with Neoplatonists, especially Plotinus, then with British Idealists, and then will take a look at some contemporary arguments for and against monism developed by various analytic philosophers. We will finish by looking at some related ideas from Eastern thought, and at the possible ethical implications of the monistic metaphysics.

Course ID	Course Type	Course Title			
114722	S	Embodiment in Hegel's Anthropology			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Isabel Mira Sickenberger		Thursday 10:00	weekly	1.11 1.25	16/10/2025

Comment
Hegel's Philosophy of Subjective Spirit begins with his Anthropology and suggests that we can only understand spirit from the perspective of the specifically human form of life. Hegel's Anthropology develops the traditional idea that humans are essentially rational beings. However, the concept of a rational being is not understood here as a genus concept, but rather as a concept of a form of spiritual and embodied life. In this seminar, we will study Hegel's Anthropology together and its relation to his Philosophy of Nature . We will examine the significance of embodiment in Hegel's Anthropology and explore the role of habit for an embodied spiritual life form. To this purpose, we will first agree on a general overview of the idea of embodiment and, towards the end of the seminar, discuss further topics relating to the question of the embodied and extended mind, as well as embodied agency.

Course ID	Course Type	Course Title			
114904	S	Theorie der Diktatur			
Lecturer		Day and Time	Frequency	Room	Start
Thomas Khurana		Friday 10:00	bi-weekly	1.08 0.59	17/10/2025

Comment
Angesichts des gegenwärtigen weltweiten Erstarkens des Autoritarismus wird sich das Seminar mit der philosophischen Verteidigung und Kritik eines autoriaristischen Verständnisses des Staates auseinandersetzen. Wir werden uns daher im Seminar u.a. mit Carl Schmitt, Georges Sorel, Donoso Cortes, Antonio Gramsci und Walter Benjamin beschäftigen. Das Seminar wird gemeinsam mit PD Dr. Christian Schmidt unterrichtet. Angesichts des gegenwärtigen weltweiten Erstarkens des Autoritarismus wird sich das Seminar mit der philosophischen Verteidigung und Kritik eines autoriaristischen Verständnisses des Staates auseinandersetzen. Wir werden uns daher im Seminar u.a. mit Carl Schmitt, Georges Sorel, Donoso Cortes, Antonio Gramsci und Walter Benjamin beschäftigen. Das Seminar wird gemeinsam mit PD Dr. Christian Schmidt unterrichtet.

School of Jewish Theology

Course ID	Course Type	Course Title			
115655	SU	Cantorial Coaching			
Lecturer		Day and Time	Frequency	Room	Start
Dvorah Themal		Thursday 18:00	weekly	N N.	16/10/2025

Comment
Cantorial coaches concentrate on enriching the semester topic's repertoire of the students and deepening the musical interpretation of selected compositions. Coaching lessons are an integral part of the vocal training for singers and they are given as individual lessons. They are distinguished from voice lessons in that they do not deal with vocal techniques, but with the song repertoire and its art of performance. The teacher works with the student on the music that the student is required to sing, guiding the student into all the intricacies that render the perfor¬mance professional, artistic and exciting. Cantorial coaching lessons concentrate on traditional syna¬gogue chants, artistic cantorial recitatives, and songs, which are related to the repertoire that is studied in class during the semester. In addition, the coaching teacher works with the student on the music that they need for the services while officiating as student-cantor. During the coaching lessons, the emphasis is made on understanding the sacred texts, their liturgical function and their religious and emotional meaning. The coach guides the student in the proper way of singing the repertoire according to the tradition of the Jewish cantorial style and encourages the students to find their individual expression for each liturgical piece of music.
Literature
Literature and sources will be made known during the course of classes.

Course ID	Course Type	Course Title			
115742	V	Jewish Theology (late 19th – early 20th Cen.)			
Lecturer		Day and Time	Frequency	Room	Start
Jonathan Schorsch		Monday 14:00	weekly	1.09 2.04	13/10/2025

Comment
In this course we will read together writings of Jewish women on Judaism, religion, progress, Jewishness, and the place of women in Judaism and the Jewish community. Our choice of texts will give us an important lens onto transformations faced by Jews in the wake of modernity and Emancipation. Authors include Grace Aguilar (England), Amy Levy (England), Bertha Pappenheim (Germany), Josephine Lazarus (USA).

Course ID	Course Type	Course Title			
115744	OS	Medieval Sephardic Jews and Sufism			
Lecturer		Day and Time	Frequency	Room	Start
Jonathan Schorsch		Tuesday 14:00	weekly	1.15 0.08	14/10/2025

Comment
Medieval Jewish philosophy and mysticism was in some cases strongly influenced by Sufi thought. Though little known, this is not surprising, since some medieval Jews were drawn to this mystical, ascetic, ecstatic, unconventional and even heterodox strain of Islam. In our class we will do close reading of selections from two texts, both originally written in Arabic, that reflect this Jewish-Sufi intersection. One, a beloved classic, Ba#ya ibn Pakuda's The Duties of the Heart, comes from the 11th-century Iberian Peninsula, the other, far less known, The Treatise of the Pool, by 'Obadyah Maimonides, the grandson of the great rationalist philosopher Moses Maimonides (the Rambam), hails from 13th-century Egypt. In addition, we will explore the intellectual, spiritual, and social background of medieval Jewish Sufism by reading modern scholarship through selected essays and book chapters.

Course ID	Course Type	Course Title			
115761	U	Readings in Medieval and Early Modern Texts			
Lecturer		Day and Time	Frequency	Room	Start
Jonathan Schorsch		Tuesday 12:00	weekly	1.15 0.02	14/10/2025

Comment
We will read together selections in the original Hebrew from some of the medieval Sephardic commentators on the Bible (Abraham ibn Ezra, Moshe ben Nahman [Ramban], Yitzhak Abarbanel, Yitzhak Arama).

Course ID	Course Type	Course Title			
115762	OS	Three American Jewish Friends: Mary Antin, Jesse Sampter, and Josephine Lazarus			
Lecturer		Day and Time	Frequency	Room	Start
Jonathan Schorsch		Wednesday 12:00	weekly	1.15 0.02	15/10/2025

Comment
In this course we will explore the thought, lives, and careers of three women who lived into the early 20th century, mostly through reading selections from their underappreciated writing. Their interests and passions reflect some of the most characteristic trends of their times, both in the general world and in the Jewish sense: a Judaism that overcomes particularism, Transcendentalism (Ralph Waldo Emerson, Henry David Thoreau), nature, Zionism.

Course ID	Course Type	Course Title			
115763	S	Jewish Religious Pedagogy			
Lecturer		Day and Time	Frequency	Room	Start
Esther Hirsch		Wednesday 08:15	weekly	N N.	29/10/2025

Comment
The seminar introduces the fundamentals of both general and specific Jewish religious education and provides opportunities for applied learning. It teaches how to plan teaching units, formulate learning objectives, and implement them using appropriate didactic and methodological approaches. The differences in working with children in two different age groups (pre-Bar/Bat Mitzvah) will be discussed. BA Seminar: Introduction to Jewish Religious Education Content: What is Jewish Religious Education?Addressing different age groups (focus on pre-Bar/Bat Mitzvah children) Classroom observations (in different schools which offer Jewish Religion classes.) Learning Objectives: Understanding the foundations of Jewish religious education. Developing the ability to design age-appropriate lessons. Gaining insight into practical teaching situations through school visits. MA Seminar: Developing a Curriculum for a "Sunday School" Content: What are my community's educational requirements? Extracurricular education is the foundation of knowledge transfer today. Participants use various parameters to create curricula tailored to specific content. Students will acquire theological, pedagogical, and historical knowledge relevant to various forms of Jewish religious instruction, both in formal educational settings and in community-based learning environments. Basic principles of didactics and diverse teaching methods will be conveyed. Learning Objective: Development and implementation of a curriculum for extracurricular Jewish religious education, within the context of the Jewish Community of Berlin (target age group: approx. 9–11/12 years)
Literature
Literature and sources will be made known during the course of classes.

Course ID	Course Type	Course Title			
115975	SU	Emmanuel Levinas: Schwierige Freiheit			
Lecturer		Day and Time	Frequency	Room	Start
Inja Stracenski		Wednesday 10:00	weekly	1.11 2.22	15/10/2025

Course ID	Course Type	Course Title			
115978	S	Homiletics: The Art of Drashot			
Lecturer		Day and Time	Frequency	Room	Start
Rabbi Anita Kántor		Wednesday 12:00	weekly	N N.	15/10/2025

Comment
We will explore the development of drashanut over the centuries, its role and influence in Jewish community life, both within and beyond the synagogue. The course also includes a practical component where students can apply the techniques they have learned. This course began last semester but newcomers are welcome.

Course ID	Course Type	Course Title			
115982	SU	Halakhic Perspectives: Hilkhot Giyur			
Lecturer		Day and Time	Frequency	Room	Start
N.N.		Thursday 12:45	weekly	Online Veranstaltung	16/10/2025

Course ID	Course Type	Course Title			
115983	S	Hagut Yehudit / Havruta			
Lecturer		Day and Time	Frequency	Room	Start
Netanel Nicolas Olhoeft		Wednesday 14:00	weekly	Online Veranstaltung	15/10/2025

Course ID	Course Type	Course Title			
115984	S	Gemara Study: Shabbat, Chapter 3			
Lecturer		Day and Time	Frequency	Room	Start
Netanel Nicolas Olhoeft		Thursday 10:00	weekly	Online Veranstaltung	16/10/2025

Course ID	Course Type	Course Title			
116039	KL	Master-Kolloquium			
Lecturer		Day and Time	Frequency	Room	Start
Helga Völkening		Wednesday 10:00	weekly	1.15 0.02	15/10/2025

Course ID	Course Type	Course Title			
116751	S	Philosophy of Jewish Education. Modern and Contemporary Perspectives			
Lecturer		Day and Time	Frequency	Room	Start
Yehoyada Amir		Wednesday 16:00	weekly	N N.	15/10/2025

Comment
Modern and contemporary Jewish existence in its various forms is characterized by open invitations to choose; to choose whether to remain within the Jewish community, to choose between various versions of Jewish identity, to choose in which ways one's Jewish identity and practice would be intertwined with other layers of belonging, identity, values, and life-styles. In the free societies, this call to choose becomes much more individual and dynamic while on the other hand, Jewish culture and religion are based on communal texture, peoplehood and belonging. This social, cultural a political reality challenges Jewish education – formal as well as informal, teaching kids and Bar/Bat-Mitzvah youth as well as adult education – in new ways. Jewish education seems to be now a central mean not only to Jewish socialization altogether, but also for creating Jewish identity and continuity. The course will deal with various modern and contemporary conceptualizations of Jewish identity and their impact on the formation of Jewish education and its mission. The course is adequate for rabbinical and cantorial students of the various seminars, as well as for students with an initial proficiency in Hebrew and in Jewish Thought.

Course ID	Course Type	Course Title			
116752	S	Liturgy and Theology: The Siddur as a Statement of Jewish Belief and Theology			
Lecturer		Day and Time	Frequency	Room	Start
Yehoyada Amir		Thursday 14:00	weekly	N N.	16/10/2025

Comment
Jewish prayer books are the product of a historical development of more than 2.000 years. A Siddur reflects different theological approaches to prayer and to the self-perception of the praying community. The course will explore liturgy and prayer as a conceptualization of Jewish theology. The course is adequate for rabbinical and cantorial students of the various seminars, as well as to students with an initial proficiency in Hebrew and in Jewish Liturgy.

Course ID	Course Type	Course Title			
117229	OS	Tractate Avodah Zarah ("foreign worship")			
Lecturer		Day and Time	Frequency	Room	Start
Ronen Pinkas		Wednesday 12:00	weekly	N N.	15/10/2025

Course ID	Course Type	Course Title			
117705	OS	Between Obedience and Human Morality. Philosophical Readings of the Binding of Isaac			
Lecturer		Day and Time	Frequency	Room	Start
Tomer Raudanski			weekly		

Faculty of Human Sciences

Faculty of Human Sciences
Karl-Liebknecht-Str. 24-25
14476 Potsdam

https://www.uni-potsdam.de/en/humfak/

Department of Psychology

Course ID	Course Type	Course Title			
114703	BL	Interdisciplinary Approaches to Human-Robot Interaction			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Katharina Kühne		Monday 14:15	single event	2.14 0.21	20/10/2025
Katharina Kühne		Monday 10:00	Block	2.14 0.21	09/02/2026
Learning content					
This seminar explores Human-Robot Interaction (HRI) from an interdisciplinary perspective, blending insights from engineering, psychology, ethics, and social sciences. Students will study the design, challenges, and societal impact of robots in various settings. We will focus on communication, trust, and ethical considerations.					

Course ID	Course Type	Course Title			
114731	V	Cognitive Science			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Martin Fischer		Wednesday 10:15	weekly	2.14 0.26/27	15/10/2025
Learning content					
The lecture provides an overview over the range of topics and themes in cognitive science.					

Course ID	Course Type	Course Title			
114732	PJ	Teilnahme an Experimenten			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Martin Fischer			single event		

Course ID	Course Type	Course Title			
114734	PR	Experimental Psychological Training			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Martin Fischer		Monday 14:15	weekly	2.14 0.38	13/10/2025
Learning content					
Students from various backgrounds and without specific knowledge regarding experimenation will be trained. They learn how to conceptualize, design, implement, conduct, analyse and report a scientific study of human cognition.					

Course ID	Course Type	Course Title			
114745	S	Mathematical Cognition			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Arianna Felisatti, Martin Fischer		Tuesday 14:15	weekly	2.14 4.06	14/10/2025
Comment					
Das Format dieser Veranstaltung ist hybrid, zT on-line und zT in Präsenz.					

Course ID	Course Type	Course Title			
115122	S	Cross-cultural Developmental Psychology			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Christian Kliesch		Thursday 14:15	weekly	2.14 0.18	16/10/2025

Learning content
A defining feature of what it means to be human is the variability between different cultures. Already in early development, the social and non-social environment that infants and children find themselves in varies between different cultures. Yet despite these differences, most children will grow up to become fully fledged adult members of their respective societies. In this seminar, we will read a selection of original research papers that investigated upbringings in across different cultures and discuss to what extent these differences might influence children's development. Furthermore, we will critically discuss the predominant focus on Western, Educated, Industrial, Rich and Democratic countries and social groups in developmental psychology, both from the perspective of the groups investigated, as well as the origins of the researchers.

Course ID	Course Type	Course Title
115143	BL	Brain-Computer Interfaces (BCI)

Lecturer	Day and Time	Frequency	Room	Start
Jaime Andrés Riascos Salas	Monday 11:00	single event	2.14 0.18	16/02/2026
Jaime Andrés Riascos Salas	Wednesday 11:00	single event	2.14 0.18	18/02/2026
Jaime Andrés Riascos Salas	Friday 11:00	single event	2.14 0.18	20/02/2026
Jaime Andrés Riascos Salas	Monday 11:00	single event	2.14 0.18	23/02/2026
Jaime Andrés Riascos Salas	Wednesday 11:00	single event	2.14 0.18	25/02/2026
Jaime Andrés Riascos Salas	Wednesday 11:00	single event	2.14 0.18	25/03/2026

Learning content
Qualification goals: students will gain a comprehensive understanding of Brain-Computer Interface (BCI) systems, covering their underlying principles, signal processing techniques, and application domains. They will develop proficiency in designing, implementing, and evaluating BCI experiments using modern programming tools and frameworks. Upon completion of the course, students will be equipped to independently conduct BCI research and development. Contents: Fundamentals of BCIs: Exploration of the history, types, and components of BCI systems. Discussion of neurophysiological signals utilized in BCIs (e.g., EEG, ECoG, fMRI) and their characteristics. Signal Acquisition and Processing: Overview of methods for recording and preprocessing brain signals, including filtering, artifact removal, and feature extraction. BCI Paradigms and Applications: Introduction to common BCI paradigms (e.g., motor imagery, P300, SSVEP) and their practical applications in areas such as assistive technology, rehabilitation, and gaming. Machine Learning for BCIs: Survey of machine learning algorithms employed in BCI decoding, including classification, regression, and deep learning approaches. Emphasis on model selection, training, and evaluation. Experimental Design and Evaluation: Principles of designing BCI experiments, including subject selection, task design, and performance metrics. Strategies for analyzing and interpreting BCI data. Ethical and Social Considerations: Discussion of the ethical implications of BCI technology, including privacy, autonomy, and potential misuse. Consideration of societal impacts and future trends. Hands-on Projects: students will engage in practical projects involving the implementation of BCI systems using programming languages such as Python and MATLAB. They will gain experience with real-time signal processing, machine learning model development, and user interface design. Prerequisites: students are expected to have a basic understanding of programming concepts and signal processing. Familiarity with neuroscience or machine learning is beneficial but not required.

Course ID	Course Type	Course Title
115146	BL	Programming of Experiments

Lecturer	Day and Time	Frequency	Room	Start
Jochen Laubrock	Saturday 10:00	single event	2.14 0.26/27	25/10/2025
Jochen Laubrock	Friday 10:00	single event	2.14 0.26/27	23/01/2026
Jochen Laubrock	Friday 10:00	single event	2.14 0.26/27	30/01/2026

Learning content
You will learn to design and implement experiments in Python, using the psychopy library. We will implement some classic experiments in psychology as well as some cutting edge research. You will employ the method of constant stimuli as well as adaptive staircase methods such as QUEST. You will appreciate the adavantage of using a version control system (git) and you will train your communicative and teamworking skills by working on a common task in a team of developers.

Course ID	Course Type	Course Title
115149	BL	Current topics in Cognition

Lecturer	Day and Time	Frequency	Room	Start
Jochen Laubrock	Monday 10:00	Block	2.14 0.18	09/02/2026

Learning content					
This seminar complements the lecture on cognitive science. Students will present and discuss recent developments in various subfields.					
Course ID	Course Type	Course Title			
117474	S	Introduction to Python for Simple Behavioral Experimentation			
Lecturer		Day and Time	Frequency	Room	Start
Siddharth Gupta		Wednesday 14:15	weekly	2.14 0.35	15/10/2025

Department of Linguistics					
Course ID	Course Type	Course Title			
114769	S	Foundations for Scholarly Work I, Wissenschaftliche Grundlagen I			
Lecturer		Day and Time	Frequency	Room	Start
Isabell Wartenburger		Tuesday 10:00	weekly	2.14 0.35	14/10/2025
Course ID	Course Type	Course Title			
114862	S	The Mental Lexicon			
Lecturer		Day and Time	Frequency	Room	Start
Harald Clahsen		Friday 14:00	weekly	2.14 0.09	17/10/2025
Comment					
This course explores current issues and experimental findings in the study of the organisation and function of the mental lexicon. Among the questions that will be addressed are the following: - How is semantic information represented and organised in the mind? - How do we recognise words? - How do we deal with lexical ambiguity? - How are morphologically complex words represented in the mental lexicon? - What role does morphological structure play in the on-line processing of complex words? A variety of theoretical and experimental psycholinguistic studies will be considered in addressing these questions.					
Course ID	Course Type	Course Title			
114865	S	Topics in Neurolinguistics: Dyslexia			
Lecturer		Day and Time	Frequency	Room	Start
Frank Burchert		Tuesday 12:00	weekly	2.14 0.32	14/10/2025
Course ID	Course Type	Course Title			
114879	S	Topics in Multilingual Representation and Processing			
Lecturer		Day and Time	Frequency	Room	Start
Claudia Felser		Thursday 16:00	weekly	2.14 0.32	16/10/2025
Comment					
This advanced Masters course takes an in-depth look at selected current research topics in the areas of multilingual grammatical representation and processing, focusing on studies of sentence-level phenomena in bi- or multilingual adults. The course will also examine methodological issues and consider the advantages and disadvantages of different experimental research methods and designs. Specific topics to be covered include: the relationship between language processing and acquisition, individual differences in multilingual representation and processing, prediction in non-native language processing, heritage language speakers, bilingual production and codeswitching, and bilingualism and aging.					
Requirement					
This course builds on my course "Second Language Processing" (VM4/I) and presupposes some familiarity with current issues and models in experimental language processing research. The course is not suitable for first-semester students.					
Course ID	Course Type	Course Title			
114880	S	Second Language Aquisition			
Lecturer		Day and Time	Frequency	Room	Start
Claudia Felser		Monday 14:00	weekly	2.14 0.32	13/10/2025

Comment
This Masters course provides an overview of current issues and controversies in second language (L2) acquisition research, focusing on formal linguistic approaches to the L2 acquisition of syntax. Specific questions to be addressed include: What are the similarities and differences between child first language (L1) and adult L2 acquisition of grammar? How can formal linguistic theory inform L2 acquisition research? What aspects of grammar are particularly difficult for L2 learners to acquire, and why? What is special about L3 acquisition? How and to what extent do properties of learners' prior language(s) influence the development of L2/L3 grammatical competence?
Requirement
This course presupposes a solid grounding in grammatical theory and description.

Course ID	Course Type	Course Title			
114886	SU	Phonological Cognition			
Lecturer		Day and Time	Frequency	Room	Start
Adamantios Gafos		Wednesday 10:00	weekly	2.14 2.22	15/10/2025

Course ID	Course Type	Course Title			
114894	S	Basic Programming			
Lecturer		Day and Time	Frequency	Room	Start
Xiaoyu Bai		Wednesday 10:00	weekly	2.14 0.35	15/10/2025

Course ID	Course Type	Course Title			
114899	S	Mining opinions and arguments			
Lecturer		Day and Time	Frequency	Room	Start
Manfred Stede		Tuesday 10:00	weekly	2.14 0.18	14/10/2025

Course ID	Course Type	Course Title			
114985	S	Evidenzbasierung bei Sprachstörungen (II) Gedächtnisdefizite bei Aphasie			
Lecturer		Day and Time	Frequency	Room	Start
Nicole Stadie		Thursday 10:00	weekly	2.14 0.38	16/10/2025

Course ID	Course Type	Course Title			
115019	S	Case Studies in Psycholinguistics			
Lecturer		Day and Time	Frequency	Room	Start
Shravan Vasishth		Thursday 14:00	weekly	2.14 0.09	16/10/2025

Course ID	Course Type	Course Title			
115020	VS	Introduction to statistical data analysis - Statistik I			
Lecturer		Day and Time	Frequency	Room	Start
Shravan Vasishth		Tuesday 14:00	weekly	2.14 0.47	14/10/2025

Course ID	Course Type	Course Title			
115021	S	Bayesian statistical inference 1			
Lecturer		Day and Time	Frequency	Room	Start
Shravan Vasishth		Friday 10:00	weekly	2.14 0.09	17/10/2025

Course ID	Course Type	Course Title			
115124	S	Evidence bases for language disorders			
Lecturer		Day and Time	Frequency	Room	Start
Sandra Hanne-Kloth		Monday 10:00	bi-weekly	2.05 1.05	13/10/2025
Sandra Hanne-Kloth		Monday 10:00	single event	2.25 B1.01	27/10/2025
Sandra Hanne-Kloth		Monday 12:00	single event	2.05 1.10	27/10/2025

Course ID	Course Type	Course Title			
115159	U	Foundations of Mathematics			
Lecturer		Day and Time	Frequency	Room	Start
Michael Vrazitulis		Friday 10:00	weekly	2.10 0.26	17/10/2025

Course ID	Course Type	Course Title			
115178	S	Empirical Methods in Psycholinguistics			
Lecturer		Day and Time	Frequency	Room	Start
Pia Schoknecht		Tuesday 10:00	weekly	2.14 0.09	14/10/2025
Comment					
In this course, you will gain knowledge about experimental science, experimental design and experimental methods commonly used in psycholinguistic research (SPR, Eye-Tracking, EEG). This will enable you to design and (theoretically) conduct an experiment yourself. You will apply your basic knowledge of programming in the environment R to analyze and visualize experimental data. Additionally, you will improve your writing skills and learn how to write a research article or your thesis in LaTeX, including bibliographical management.					

Course ID	Course Type	Course Title			
115196	S	First Language Acquistion			
Lecturer		Day and Time	Frequency	Room	Start
Natalie Boll-Avetisyan		Friday 10:00	weekly	N N.	17/10/2025
Comment					
Dieser Kurs findet auf dem Campus Golm, Haus 14, Raum 3.02/3.03 statt.					

Course ID	Course Type	Course Title			
115199	S	Advanced Topics in Language Acquisition II			
Lecturer		Day and Time	Frequency	Room	Start
Natalie Boll-Avetisyan		Friday 08:00	weekly	2.14 0.18	17/10/2025

Course ID	Course Type	Course Title			
115201	S	The Semantics of Number			
Lecturer		Day and Time	Frequency	Room	Start
Malte Zimmermann		Thursday 10:00	weekly	2.14 0.09	16/10/2025

Course ID	Course Type	Course Title			
115203	S	Introduction to Syntax and Semantics			
Lecturer		Day and Time	Frequency	Room	Start
Malte Zimmermann		Tuesday 10:00	weekly	2.14 0.32	14/10/2025
Comment					
Lehrpersonen: Malte Zimmermann & Rebecca Jarvis					

Course ID	Course Type	Course Title			
115540	BL	Research Paper in Semantics			
Lecturer		Day and Time	Frequency	Room	Start
Ulrich Sauerland		Monday 15:00	Block	2.14 0.32	23/02/2026

Course ID	Course Type	Course Title			
115541	BL	The Syntax-Semantics Interface			
Lecturer		Day and Time	Frequency	Room	Start
Ulrich Sauerland		Monday 09:30	Block	2.14 0.32	23/02/2026

Course ID	Course Type	Course Title			
115543	U	Advanced Natural Language Processing			
Lecturer		Day and Time	Frequency	Room	Start
David Schlangen		Tuesday 16:00	weekly	2.14 2.22	14/10/2025
Comment					
Note that for administrative reasons, the class is split into two entries on PULS, one for the lecture (Vorlesung) and one for the practicals (Übungen). You need to register for both!					

Course ID	Course Type	Course Title			
115544	V	Advanced Natural Language Processing			
Lecturer		Day and Time	Frequency	Room	Start
David Schlangen		Thursday 10:00	weekly	2.14 2.22	16/10/2025

Comment
Note that for administrative reasons, the class is split into two entries on PULS, one for the lecture (Vorlesung) and one for the practicals (Übungen). You need to register for both!

Course ID	Course Type	Course Title			
115547	U	Foundations of Linguistics			
Lecturer		Day and Time	Frequency	Room	Start
David Schlangen		Wednesday 16:00	weekly	2.14 0.35	15/10/2025

Course ID	Course Type	Course Title			
115549	S	Current Highlights in NLP			
Lecturer		Day and Time	Frequency	Room	Start
Sherzod Hakimov		Monday 12:00	weekly	2.24 0.06	13/10/2025

Course ID	Course Type	Course Title			
115658	S	Case			
Lecturer		Day and Time	Frequency	Room	Start
Martin Salzmann		Monday 10:00	weekly	N N.	13/10/2025

Comment
Das Seminar findet auf dem Campus Golm, Haus 14, 3. Etage, Raum 3.02/3.03 statt.

Course ID	Course Type	Course Title			
115665	S	Morphology of pronouns			
Lecturer		Day and Time	Frequency	Room	Start
Mariia Privizentseva		Tuesday 10:00	weekly	2.24 0.06	14/10/2025

Course ID	Course Type	Course Title			
115668	S	Affix order			
Lecturer		Day and Time	Frequency	Room	Start
Doreen Georgi		Tuesday 12:00	weekly	2.06 1.01	14/10/2025

Comment
In this seminar we will discuss typological generalizations on, and language-specific patterns of, affix order, and will read classic as well as recent literature that tries to model these generalizations. On a more general level, this course addresses mismatches at the syntax-morphology-interface and provides an overview of the (post)syntactic operations that have been proposed to formalize such mismatches (e.g., in Distributed Morphology). The programme, course requirmements, and the Moodle passkey will be announced in the first class only!

Course ID	Course Type	Course Title			
115675	S	Introduction to Phonology and Morphology			
Lecturer		Day and Time	Frequency	Room	Start
Stanislao Zompí		Monday 10:00	weekly	2.14 2.22	13/10/2025

Course ID	Course Type	Course Title			
115680	S	More movement than expected: Pied-piping and secondary movement			
Lecturer		Day and Time	Frequency	Room	Start
Stanislao Zompí		Monday 14:00	weekly	2.14 0.35	13/10/2025

Learning content
The seminar will begin with a foundational overview of A-bar movement in general. We will then switch gears and focus on cases in which there seems to be more A-bar movement than one might naively expect---either because more structure than expected gets moved, or because more movement operations than expected take place, or because both of these things happen at once. Key topics will include: the idea that long-distance movement proceeds successive-cyclically through a series of intermediate landing sites; the ability of certain wh-items (which Ross referred to as "pied-pipers") to lure other words to join them in moving; the mechanics of so-called internal or secondary movement, whereby the pied-piper moves to the edge of the pied-pipee before pied-piping it. Time permitting, we will also consider certain movement analyses of parasitic gaps---unexpected gaps that can only occur in a sentence if licensed by the presence of a "regular" movement gap.

Course ID	Course Type	Course Title			
115682	S	Fieldwork			
Lecturer		Day and Time	Frequency	Room	Start
N.N.		Wednesday 12:00	weekly	2.14 0.35	15/10/2025
Comment					
Lehrpersonen: Rebecca Jarvis					

Course ID	Course Type	Course Title			
115685	S	Scientific Writing			
Lecturer		Day and Time	Frequency	Room	Start
Outi Tuomainen		Friday 10:00	weekly	2.14 0.21	07/11/2025
Outi Tuomainen		Friday 10:00	single event	2.14 0.21	23/01/2026
Comment					
Dates of the seminar: Friday 10-12: 7.11., 14.11., 28.11., 12.12., 19.12., 23.01.					

Course ID	Course Type	Course Title			
115823	S	Phonetics I			
Lecturer		Day and Time	Frequency	Room	Start
Yijing Lu		Thursday 10:00	weekly	2.14 0.32	16/10/2025
Comment					
This course investigates how the physical properties of speech are analysed, with a particular emphasis on articulation. Additionally, key concepts relating to sound systems in the world’s languages are introduced. The seminars and lab sessions allow students to develop important skills in the study of phonetics and the analysis of speech, such as ear training and phonetic transcription using the International Phonetic Alphabet and acoustic analysis, which lay the foundations for an advanced-level study of phonetics and phonology. The course is taught and assessed in English.					

Course ID	Course Type	Course Title			
117758	BL	Semantic Experiments on African Languages			
Lecturer		Day and Time	Frequency	Room	Start
Malte Zimmermann			Block		

Department of Sports and Health Sciences

Course ID	Course Type	Course Title			
117260	V	Methods			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer		Wednesday 12:15	weekly	1.12 0.01	15/10/2025

Course ID	Course Type	Course Title			
117261	S	Literature andamp; Presentation			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer		Thursday 12:15	weekly	1.12 0.01	16/10/2025

Course ID	Course Type	Course Title			
117262	V	Exercise Physiology I			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer		Monday 12:15	weekly	1.12 0.01	13/10/2025

Course ID	Course Type	Course Title			
117263	S	Test Procedures I			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer		Tuesday 12:15	weekly	1.12 0.01	14/10/2025

Course ID	Course Type	Course Title			
117264	PJ	Applied Methods Projects I			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer			weekly		

Course ID	Course Type	Course Title			
117265	PJ	Applied Methods Projects II			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer			weekly		

Course ID	Course Type	Course Title			
117266	S	Journal Club			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer			weekly		

Course ID	Course Type	Course Title			
117267	PJ	Applied Methods III			
Lecturer		Day and Time	Frequency	Room	Start
Frank Mayer			weekly		

Faculty of Economics and Social Sciences

Faculty of Economics and Social Sciences
August-Bebel-Straße 89
14482 Potsdam

https://www.uni-potsdam.de/en/wiso

Economic Sciences					
Course ID	Course Type	Course Title			
116803	KL	Forschungskolloquium Finanzwissenschaft			
Lecturers		Day and Time	Frequency	Room	Start
Rainald Borck, Max Deter, Andra-Ioana Volintiru			Block		
Course ID	Course Type	Course Title			
116806	S	Master Seminar "Economics of Autocracy"			
Lecturer		Day and Time	Frequency	Room	Start
Max Deter		Wednesday 08:30	weekly	3.06 S13	15/10/2025
Learning content					
The seminar examines the political economy of autocratic regimes from an empirical perspective. At the center is the question of why autocracies emerge, how they govern, how they can be challenged , and what long-term legacies they leave behind . The course is based on recent empirical research on countries such as the GDR, Nazi Germany, China, or Russia. Thematic focus: 1. The Rise of Autocracies (e.g., resource dependence, war and state-building, technologies of repression) 2. Policies of Autocracies (e.g., ideological education, use of bureaucracy, digital surveillance) 3. Tackling Autocracies (e.g., social media and protest mobilization) 4. Persistence of Autocracies (e.g., aftermath of repression, normative change) The studies discussed employ modern empirical methods (e.g., IV, RDD, Difference-in-Differences, Event Studies) and data sources such as archival material, geodata, historical administrative data, or online behavior.					
Course ID	Course Type	Course Title			
116808	VU	Innovationsmanagement			
Lecturers		Day and Time	Frequency	Room	Start
Bastian Halecker, Hans-Hennig von Grünberg		Monday 12:00	weekly	3.06 H08	13/10/2025
Bastian Halecker, Hans-Hennig von Grünberg		Monday 14:00	weekly	3.06 H08	13/10/2025
Comment					
The courses take place on Monday 12:00-14:00 (lecture) and Monday 14:00-16:00 (seminar/exercise) on the Griebnitzsee campus . Room: 3.06.H08, Hauptgebäude auf dem Campus Griebnitzsee: START: 13. Oktober *** Die Veranstaltungen finden Montag 12:00-14:00 Uhr (Vorlesung) und Montag 14:00-16:00 Uhr (Seminar/Übung) auf dem Campus Griebnitzsee statt. Der Raum 3.06.H08, Hauptgebäude auf dem Campus Griebnitzsee: START: 13. Oktober					
Remark					
The event will take place in room H08 on the Griebnitzsee campus. It is supervised by Prof. Hans Hennig von Grünberg for the Faculty of Natural Sciences and by Prof. Bastian Halecker for the Faculty of Economics. It takes place every Monday afternoon from 12:00 to 16:00. Oral participation is part of the exam and regular attendance is therefore expected, especially during the three excursions.					

Learning content
The course ”Transfer and Innovation Management” will be organized in the winter semester 25/26 as a kind of ”MATCHLAB.” MatchLab offers master's students a practice-oriented opportunity to deal intensively with the challenges and processes of technology transfer. The aim of the course is to train students to act as innovation brokers between relevant problems in industry and innovative technologies from research laboratories. The program is modular in structure and integrates various exploratory learning formats, namely: The ”Problem Clinic” : Here, students have the opportunity to directly identify and critically examine immediate problems and ”pain points” of partner companies in order to identify potential innovation gaps. This direct exchange enables a deep understanding of the demand side. Lab Pitch Tour : During these tours, current technologies are demonstrated directly by the researchers, supplemented by insights into the technology readiness level (TRL) and information on potential implications for intellectual property (IP). This provides direct access to the latest research results and their development potential. Field Excursions : Excursions to relevant locations provide a deeper understanding of the real-world application conditions and limiting factors under which the developed solutions would need to be implemented. This on-site experience is crucial for assessing feasibility. And, of course, as has always been the case: the classic lecture and interactive seminar. Not everything has to be new all the time. The focus here is explicitly on the vibrant (deep) technology & innovation landscape of the Berlin/Brandenburg region. In contrast to a lengthy process of business conception or the creation of detailed business plans, MATCHLAB focuses on bringing together developers and researchers on the one hand and doers and implementers on the other. How do you bring people from two completely different spheres together?

Course ID	Course Type	Course Title			
116817	V	Advanced Microeconomics			
Lecturers		Day and Time	Frequency	Room	Start
Lisa Bruttel, Juri Nithammer		Wednesday 10:00	weekly	3.06 S26	15/10/2025

Literature
Jehle, G.A. and P.J. Reny, Advanced Microeconomic Theory, 3rd edition, Financial Times, Prentice Hall Tirole, Jean, The Theory of Industrial Organization, MIT Press

Learning content
Vertiefung mikroökonomischer Theorien zum Verhalten von Haushalten und Unternehmen auf Märkten. Bearbeitung ausgewählter Fragestellungen mit den Methoden der Spieltheorie. Die Studierenden - verfügen über vertiefte Kenntnisse der mikroökonomischen Theorie und den aktuellen Forschungsstand in diesem Gebiet, - beherrschen fortgeschrittene Methoden zur theoretischen Analyse von Entscheidungssituationen von Haushalten und Unternehmen, - können aktuelle wirtschaftspolitische Fragestellungen eigenständig mit Hilfe des mikroökonomischen Instrumentariums bearbeiten und wirtschaftspolitische Maßnahmen fundiert beurteilen.

Course ID	Course Type	Course Title			
116819	FU	Advanced Microeconomics			
Lecturer		Day and Time	Frequency	Room	Start
Juri Nithammer		Wednesday 08:30	weekly	3.06 S26	22/10/2025

Course ID	Course Type	Course Title			
116850	S	Crime, Labour and Inequality			
Lecturer		Day and Time	Frequency	Room	Start
Anna Bindler		Tuesday 10:00	weekly	3.07 0.39	14/10/2025

Comment
Dozentin: Prof. Anna Bindler (PhD); Professur für Angewandte Mikroökonomie (gemeinsame Berufung mit dem DIW)

Remark
Learning Objectives On completion of this course, the students shall: a. have been exposed to and be familiar with research and literature on the core course topics, b. understand the research frontier and be equipped to critically assess current policy debates on the core course topics, c. be equipped with the tools to develop research designs that allow for evidence-based assessment of policy-relevant questions on the core course topics.

Learning content

Course Description The aim of the course is for students to learn about research and the research frontier in the economics of crime at the intersection of crime, labour and inequality. The seminal economic model of crime (Becker, 1968) puts forward a theory of rational choice between legal and illegal activity. Starting in the 1990s, an empirical literature has taken the model to the data, testing its implications in terms of economic incentives and determinants of crime as well as with respect to crime control and criminal justice policy. The course will introduce students to the rationalchoice framework of the economic model of crime, as well as to the fast-growing empirical literature in economics, focusing on questions that are relevant from a societal and policy perspective and highlighting empirical approaches that allow for causal inference. The course will further cover recent advances in assessing the social and economic costs of crime, including labour market and inequality perspectives, and discuss the role of economic and social policy as crime control. The course will highlight the following topics: • Rational-choice model of crime • Common challenges in the empirical analysis of crime (e.g., measurement, identification, methods) • Economic incentives and social determinants of crime (e.g., labour markets, economic returns to crime, education, social conditions, inequality and equality of opportunity) • Economic and social costs of crime (e.g., costs of victimisation and productivity losses, human capital costs, public health, local economic impacts of crime, discrimination) • Criminal justice and crime control policy (e.g., deterrence and sanctions, police, substance use legislation, court outcomes and biases in decision-making, economic and social policy as crime control) Throughout, different types of crime and specific policy implications will be discussed (e.g., property versus violent crime, domestic violence, organised crime, gangs and youth crime).

Course ID	Course Type	Course Title			
116852	VU	Microeconometrics			
Lecturers		Day and Time	Frequency	Room	Start
Marco Caliendo		Tuesday 10:00	weekly	3.06 H08	14/10/2025
Tim Bayer		Monday 10:00	weekly	3.06 H08	20/10/2025
Tim Bayer		Friday 10:00	weekly	3.01 1.65a	24/10/2025

Requirement

keine

Literature

Vorlesung Wooldridge, J. (2016): Wooldridge (2016): Introductory Econometrics. A Modern Approach, Cengage Learning, Ohio. Cameron, C., and P. K. Trivedi (2005): Microeconometrics. Methods and Applications. Cambridge University Press, New York. Greene, W. H. (2012): Econometric Analysis. Pearson, Massachusetts. Übung Kohler, U., Kreuter, F. (2012): Datenanalyse mit Stata. Oldenburg Verlag. Cameron, C., and P. K. Trivedi (2009): Microeconometrics Using Stata. Stata Press, College Station, Texas.

Learning content

Please check also the course information on the homepage of our chair: Empwifo The aim of this lecture is to familiarize participants with microeconometric estimation techniques. The lecture will be complemented by a practical session. Outline: # Multiple Regression # Instrumental Variables # Panel Data Methods # Limited Dependent Variables

Course ID	Course Type	Course Title			
116853	KL	MA Forschungs-Kolloquium			
Lecturer		Day and Time	Frequency	Room	Start
Marco Caliendo		Wednesday 10:00	weekly	3.07 0.39	15/10/2025

Comment

Weitere Informationen finden Sie auch auf unserer Homepage .

Requirement

Module MA-B-300 und MA-S-600

Learning content

Das Forschungskolloquium wird parallel zur Erstellung der Masterarbeit besucht.

Course ID	Course Type	Course Title			
116854	S	Seminar in Applied Quantitative Methods			
Lecturers		Day and Time	Frequency	Room	Start
Tim Bayer, Marco Caliendo, Katrin Stephanie Huber		Tuesday 16:00	weekly	3.06 S13	14/10/2025
Tim Bayer, Marco Caliendo, Katrin Stephanie Huber		Monday 16:00	bi-weekly	3.06 S26	03/11/2025
Tim Bayer, Marco Caliendo, Katrin Stephanie Huber		Tuesday 16:00	weekly	3.06 S13	25/11/2025
Tim Bayer, Marco Caliendo, Katrin Stephanie Huber		Monday 16:00	single event	3.06 S26	19/01/2026
Tim Bayer, Marco Caliendo, Katrin Stephanie Huber		Tuesday 16:00	weekly	3.06 S13	27/01/2026
Requirement					
We recommend successful completion of the courses MA: Microeconometrics and MA: Policy Evaluation.					
Learning content					
This do-it-yourself (DIY) research seminar has two learning goals: In the first part, you will learn some essential skills for research in Economics, such as refereeing and discussing a paper, how to come up with your own research ideas, and how to write a research outline. We will provide you with an introduction to these skills. For two sessions a list of required readings is provided, you have to write a referee report on one of the papers and for each paper, there will be one presentation and one discussion given by the students. The second part of the course is for you to develop and work on your own research idea. At the end of the semester, you have to submit a research proposal. All ideas in the fields of Labor Economics, Policy Evaluation, Population Economics, Political Economy, or related areas are welcome. We will support you with the development of ideas and also in case you want to request access to survey data (e.g. SOEP, BIBB BAuA) or admin data (e.g. IAB FDZ data). For the latest information and the syllabus of the seminar check our homepage: Empwifo					

Course ID	Course Type	Course Title			
116858	S	Applied Econometrics and Data Science with R			
Lecturers		Day and Time	Frequency	Room	Start
Felix Degenhardt, Sophie Wagner		Wednesday 12:00	weekly	3.06 S27	15/10/2025
Felix Degenhardt, Sophie Wagner		Wednesday 09:00	single event	3.06 S22	04/02/2026
Requirement					
We recommend successful completion of the courses "Einführung in die Statistik" and "Einführung in die Ökonometrie".					
Remark					
This seminar is taught in English.					
Learning content					
This applied seminar has two main objectives: first, to provide students with practical skills in econometrics and data science, with a focus on using R. Students will learn how to manage data comprehensively, from data cleaning and wrangling to automating tasks for greater efficiency. Through practical sessions, they will be guided in conducting exploratory data analysis and creating visualizations, which are crucial for discovering patterns and insights in data. In the second part of the course, students will be introduced to both unsupervised and supervised machine learning techniques, essential tools in contemporary econometric analysis. They will gain hands-on experience applying these methods to real-world data, learning how to integrate these techniques within economic contexts. Throughout the semester, students will work on projects in small groups, with opportunities to present their progress during the course. At the end of the semester, the students will turn in their R Code and present their results in a poster presentation. Content: - Intro R and R-Markdown - Data Wrangling and the tidyverse - Automations in R - ggplot2 - Spatial economics and maps - Unsupervised and supervised Machine Learning					

Course ID	Course Type	Course Title			
116860	S	Machine Learning with R			
Lecturers		Day and Time	Frequency	Room	Start
Katrin Stephanie Huber, Eva Markowsky		Thursday 12:00	weekly	3.06 S12	16/10/2025
Learning content					
This course introduces machine learning methods for econometric analysis and empirical economic research. Students develop R programming skills while mastering statistical learning algorithms in economic contexts. The curriculum covers supervised learning techniques including predictive regression, k-nearest neighbor algorithms, penalized regression (ridge and lasso), and tree-based methods. Students learn data preprocessing, resampling techniques, cross-validation, and model evaluation. Unsupervised learning topics include k-means clustering and latent Dirichlet allocation (LDA). The course emphasizes active learning through problem sets and laboratory sessions. Students develop expertise through computational implementations and guided coding sessions rather than traditional lectures. The course concludes with machine learning applications in causal inference, providing methodological foundations for rigorous empirical economic research. Prerequisites: basic statistics and elementary R programming.					

Course ID	Course Type	Course Title			
116867	VU	Risikomanagement und Bankensteuerung			
Lecturer		Day and Time	Frequency	Room	Start
Hannes Mohrschladt		Tuesday 14:00	weekly	3.06 S27	14/10/2025
Hannes Mohrschladt		Tuesday 16:00	weekly	3.06 S27	14/10/2025
Literature					
wird in der Veranstaltung bekannt gegeben					
Learning content					
Die Studierenden - verfügen über umfangreiche Kenntnisse im Management von Risiken, die aus irrationalem Verhalten resultieren (Behavioral Finance). - können Risiken aus dem Bereich Sustainable Finance einschätzen. - können diese Kenntnisse auf Entscheidungen im Bankkontext anwenden.					

Course ID	Course Type	Course Title			
117006	FS	Research Seminar - Current Issues in Accounting and Auditing			
Lecturer		Day and Time	Frequency	Room	Start
Ulfert Gronewold		Friday 10:00	single event	N N.	24/10/2025
Ulfert Gronewold		Friday 10:00	single event	N N.	05/12/2025

Comment
Das Seminar findet zu wechselnden Themen des Themenfeldes „Rechnungswesen und Wirtschaftsprüfung" statt. Der Schwerpunkt liegt auf der externen Rechnungslegung und betriebswirtschaftlichen Prüfungen. Studierende fertigen zu einem forschungsnahen Thema eine wissenschaftliche Seminararbeit an. Die Ergebnisse werden mit einem Vortrag vorgestellt und in einer anschließenden Diskussion verteidigt. Bitte beachten Sie, dass Sie das Research Seminar "Management Science I/II - Rechnungswesen und Wirtschaftsprüfung - Current Issues in Accounting & Auditing" am Ende des jeweils Semesters schriftlich per E-Mail an den Lehrstuhl anmelden müssen (Informationen dazu und zum Kick-Off-Termin finden Sie immer in den letzten Wochen eines Vorlesungszeitraums auf der Lehrstuhl-Homeapage). Dies ist notwendig, da die Seminararbeit während der vorlesungsfreien Zeit vor dem Semester, in dem das Seminar belegt wird, verfasst und zu Beginn des Semesters bereits abgegeben wird. Nach der Abgabe präsentieren Sie Ihre Seminararbeit in den Präsenzversanstaltungen des Seminars. Die genauen Termine und Fristen werden Ihnen nach erfolgreicher Anmeldung im Kick-Off mitgeteilt, das ebenfalls bereits zum Ende der Vorlesungszeit des vorangehenden Semesters stattfindet. Die Belegung in PULS muss dann im Belegungszeitraum des Semesters erfolgen (zusätzlich zur o.g. informellen Anmeldung am Lehrstuhl im vorangehenden Semester). Lehrsprache der Präsenzveranstaltungen des Seminars ist Englisch. The seminar covers current topics in the field of accounting and auditing. The focus is on external accounting and audititing. Participants are required to prepare a written paper during the preceding semester break. During the seminar students present their topic in an oral presentation and discuss their results with the group. Please note that you must have registered for the research seminar "Management Science I/II - Rechnungswesen und Wirtschaftsprüfung - Current Issues in Accounting & Auditing" at the end of the semester by sending an email to the chair (details and the kick-off date can always be found on the chair's homepage in the last weeks of a lecture period). This is necessary because the seminar paper is written during the lecture-free period before the semester in which the seminar is taken and is already submitted at the beginning of the semester. After submission, you will present your seminar paper in the face-to-face sessions of the seminar. The exact dates and deadlines will be announced after successful registration at the kick-off meeting, which also takes place at the end of the lecture period of the preceding semester. Registration in PULS must then take place during the registration period of the semester (in addition to the above-mentioned informal email registration with the chair in the preceding semester). The face-to-face sessions of the seminar will be held in English.
Requirement
Es wird dringend empfohlen, vor Belegung des Moduls mindestens ein Modul aus dem Masterbereich Rechnungswesen und Wirtschaftsprüfung erfolgreich absolviert zu haben. Die Teilnehmerzahl in den jeweiligen Seminaren ist begrenzt. Es wird empfohlen, das Forschungsseminar gegen Ende Studiums im Masterbereich zu belegen.
Literature
Detaillierte Literaturliste erfolgt in der Veranstaltung.

Course ID	Course Type	Course Title			
117018	VU	Advanced Macroeconomics			
Lecturer		Day and Time	Frequency	Room	Start
Maik Heinemann		Thursday 10:00	weekly	3.06 S27	16/10/2025
Maik Heinemann		Thursday 12:00	weekly	3.06 S27	16/10/2025
Comment					
Gegenstand der Lehrveranstaltung ist die gleichgewichtsorientierte dynamische Makroökonomik. Es werden die wesentlichen im Rahmen der modernen Makroökonomik diskutierten Modelle behandelt und auch die Methoden vorgestellt, die bei der Analyse dynamischer					

Course ID	Course Type	Course Title			
117020	KL	Research Colloquium in Macroeconomics			
Lecturer		Day and Time	Frequency	Room	Start
Maik Heinemann		Tuesday 16:00	weekly	N N.	14/10/2025
Requirement					
empfohlen wird der vorherige Abschluss der Module aus dem Spezialisierungsbereich					

Course ID	Course Type	Course Title			
117037	V	Economics of Climate Change			
Lecturer		Day and Time	Frequency	Room	Start
Matthias Kalkuhl		Monday 10:00	weekly	3.06 S13	13/10/2025
Matthias Kalkuhl		Monday 10:00	single event	3.06 S21	27/10/2025

Learning content
The aim of this lecture is to provide basic economic knowledge and key tools for analyzing climate policy. The lecture will first give an overview on research methods and findings regarding climate impacts and mitigation options as well as key concepts for integrating climate change in economic welfare and policy analysis. Students apply these concepts and develop stylized climate-economy models to analyse future warming and climate damages. Finaly, implications for policy design (e.g. carbon pricing) for incentivizing emission reductions are discussed. Qualification goals: Knowing and understanding basic concepts and methods for quantifying and valuing economic climate impacts Understand and apply methods of static and (simple dynamic) optimization for welfare analyses Understand key normative aspects for welfare analysis and apply them in research (discounting, inequality aversion, risk aversion) Understand and applying the Social Cost of Carbon approach for policy analysis and cost-benefit analysis Understand and apply economic concepts for analyzing uncertainty with respect to climate change.

Course ID	Course Type	Course Title			
117038	VU	Climate Economics and Policy			
Lecturers		Day and Time	Frequency	Room	Start
Elmar Kriegler		Monday 12:00	weekly	3.06 S13	13/10/2025
N.N. (extern)		Thursday 10:00	weekly	3.06 S21	23/10/2025
N.N.		Thursday 12:00	weekly	3.06 S21	23/10/2025
Elmar Kriegler		Monday 12:00	single event	3.06 S26	27/10/2025

Comment
The course has 6 ECTS (credit points).

Literature
Suggested readings:: Perman, R.; Ma, Y; McGilvray, J; Common, M: Natural Resource and Environmental Economics (Pearson education, third edition): Chapters 2, 3, 11, 12

Learning content
How can we understand and model climate change as a global phenomenon? What are its impacts on economies worldwide? What levels of warming might we experience in the future? What are the benefits of reducing carbon emissions? How much should we reduce them and at what cost? Which role do specific technologies play? How does economic growth affect the environment? And how do normative considerations affect the actions we should take? All of these questions are essential to understand and cope with the phenomenon of anthropogenic climate change. The lecture provides an overview over the field of climate economics and introduces key economic concepts used to understand the challenges we face and to better inform and shape climate policy.

Course ID	Course Type	Course Title			
117041	S	Topics in Integrated Assessment of Climate Change			
Lecturer		Day and Time	Frequency	Room	Start
Elmar Kriegler		Thursday 11:00	single event	3.01 H10	16/10/2025
Elmar Kriegler		Friday 11:00	single event	3.06 S24	24/10/2025
Elmar Kriegler		Tuesday 11:00	single event	3.06 S16	13/01/2026
Elmar Kriegler		Wednesday 11:00	single event	3.06 S22	14/01/2026
Elmar Kriegler		Wednesday 11:00	single event	3.06 S22	21/01/2026

Learning content
In this course students will learn about the integrated assessment of climate change conducted with so-called integrated assessment models (IAMs). IAMs are trans-disciplinary models connecting economics with the natural and engineering sciences. In a nutshell, they are coupling economic growth models with climate, energy, and land use models to investigate economic policy instruments to combat climate change. After introducing the concept of IAMs and how they evolved in the context of international climate policy advice, the course will take an in-depth look at each of the four core components of IAMs: climate modelling, climate economics with a focus on economic growth and optimal climate policy, energy modelling, and land use modelling. Once students have gained an understanding of the individual components, we will explore how they connect to the integrated assessment of climate change, and how integrated assessment is used to provide information for climate change policy making. In this context, we will also take a look at scenario approaches to explore the range of climate change futures and response strategies. The course aims to provide students with knowledge on quantitative methods for economic analysis of co-evolving nature-society systems. Key methods explored in this course are related to economic policy analysis in dynamical systems, including elements of dynamical systems, optimal growth, and optimal control theory, with a focus on environmental pollution control. A second goal of the course is to provide students with knowledge on the current state of climate change, international climate policy and long-term global strategies to stop global warming. Syllabus: Introduction to integrated assessment of climate change International climate policy and climate targets Economic Growth I – Drivers of Growth and Solow-Swan Model Economic Growth II – Ramsey Growth Model and Limits to Growth Climate change physics and modelling Current state and projections of climate change Climate economics I – Optimal pollution control and cost-effectiveness analysis Climate economics II – Climate damages and climate policy optimization Integrated assessment model DICE for the analysis of optimal climate policy Exercise during 10-13 June (time tbd) Energy modelling Land use modelling Integrated assessment of climate change mitigation pathways I Integrated assessment of climate change mitigation pathways II Integrated assessment of climate change mitigation pathways III

Course ID	Course Type	Course Title			
117048	S	Forschungskolloquium Führung, Organisation und Personal			
Lecturer		Day and Time	Frequency	Room	Start
Martin Buss		Thursday 12:00	weekly	3.07 0.39	16/10/2025

Literature
Will be announced at the beginning of the semester.

Learning content
In this seminar, we will focus on the empirical research process in the academic field of leadership and organizational behavior. Specifically, students will learn how to analyze quantitative data and how to write an empirical research paper.

Course ID	Course Type	Course Title			
117053	VU	Team Management			
Lecturer		Day and Time	Frequency	Room	Start
Eric Kearney		Monday 10:00	weekly	3.06 S27	13/10/2025
Eric Kearney		Tuesday 14:00	weekly	3.06 S26	14/10/2025

Requirement
Hinweis: Die Veranstaltung findet in englischer Sprache statt.

Learning content
Knowing theories and methods to manage teams Planning, implementing, and evaluating management research projects Interpreting international research publications on teams and management Understanding and applying practical implications from team management research Carry out excellent team work by interacting with other students as teams

Course ID	Course Type	Course Title			
117055	VU	Advanced Research Methods			
Lecturer		Day and Time	Frequency	Room	Start
Hanna Krasnova		Friday 08:15	weekly	3.06 H06	17/10/2025
Hanna Krasnova		Friday 10:00	weekly	3.06 H06	31/10/2025

Course ID	Course Type	Course Title			
117056	VU	Social Media Research			
Lecturers		Day and Time	Frequency	Room	Start
Margarita Gladkaya, Hannes-Vincent Krause		Tuesday 10:00	weekly	3.06 S12	14/10/2025
Margarita Gladkaya, Hannes-Vincent Krause		Tuesday 12:00	weekly	3.06 S12	21/10/2025
Requirement					
Interest in research methods and Social Media. This class is limited to 50 students. The class will be held in English.					
Literature					
All materials will be provided via Moodle.					
Learning content					
As the adoption and usage of social applications is on the rise (e.g. Facebook, Airbnb, Twitter, PatientsLikeMe), there is a growing interest in understanding behavior and perceptions of users, as well as the impact of this use on businesses, public sector and society as a whole. Against this background, the goal of this class is to empower students with a set of research approaches and methods that can be used to understand this phenomenon. Among others, course participants will be trained to collect and analyze qualitative and quantitative data that reflects usage patterns and perceptions of users of various social applications. This course may serve as a sound methodological preparation for a master thesis or a seminar at the chair of Business Informatics, esp. Social Media and Society.					

Course ID	Course Type	Course Title			
117058	V	Entrepreneurship and Economic Development			
Lecturer		Day and Time	Frequency	Room	Start
Alexander Kritikos		Wednesday 14:00	bi-weekly	3.06 S13	15/10/2025

Course ID	Course Type	Course Title			
117059	S	Foundations of Public Management			
Lecturers		Day and Time	Frequency	Room	Start
Nicolas Drathschmidt, Daniela Großmann, Isabella Proeller, Luise Theresia Renneke		Wednesday 12:00	weekly	3.07 0.39	15/10/2025
Comment					
If you have any questions about the seminar, please contact Daniela Großmann. Moodle login will be provided on the first session.					
Requirement					
This course is designed for master students with or without extensive prior knowledge of the subject. Newcomers to the field are welcome to explore foundational concepts, while those with existing experience in public management research can refresh and deepen their understanding of the topic.					
Literature					
Mandatory and additional readings will be provided in Moodle. These are chapters from Hughes, Owen (2018): Public Administration and Management (5th ed.), Basingstoke etc.: Palgrave. In addition, it is recommended to read Pollitt, Christopher (2016): Advanced Introduction to Public Management and Administration, Cheltenham: Edgar Elgar. Furthermore several books can be recommended: Bovaird, Tony/Löffler, Elke (Hrsg.) (2015): Public Management and Governance (3rd ed.), London/New York: Routledge. Lynn, Lawrence/Hill, Caroline J. (2016): Public Management: A Three-DimensionalApproach, Washington (2nd. ed.), DC : CQ-Press. Pollitt, Christopher/ Bouckaert, Geert (2017): Public Management Reform. A Comparative Analysis (4th ed.), Oxford/New York: Oxford University Press. Rainey, Hal (2014): Understanding and Managing Public Organizations (5th ed.), San Francisco: Jossey-Bass.					
Learning content					
The course offers an advanced introduction to public management, covering its core functions and challenges. The first half focuses on foundational concepts, while the second examines specific public management functions. It explores the unique context of public sector organizations and their approaches to managing resources, leadership, organization, strategy, and performance. Key reform approaches and governance issues are also addressed. Based on the textbook by Owen Hughes (”Public Management & Administration. An Introduction”) , the class takes both theoretical perspectives and practical tools into account.					

Course ID	Course Type	Course Title			
117064	S	Budget consolidation strategies for local government			
Lecturers		Day and Time	Frequency	Room	Start
Nicolas Drathschmidt, Daniela Großmann, Isabella Proeller, Luise Theresia Renneke		Tuesday 14:00	weekly	3.01 H10	14/10/2025
Comment					
Course description will be added soon.					
Remark					

Course ID	Course Type	Course Title			
117071	S	The Algorithmic State: Current Research and Practice			
Lecturers		Day and Time	Frequency	Room	Start
Nicolas Drathschmidt, Isabella Proeller, Stefan Stieglitz		Tuesday 14:00	single event	N N.	14/10/2025
Nicolas Drathschmidt, Isabella Proeller, Stefan Stieglitz		Thursday 10:00	single event	3.06 S12	16/10/2025
Nicolas Drathschmidt, Daniela Großmann, Isabella Proeller, Luise Theresia Renneke		Thursday 10:00	weekly	3.06 S12	23/10/2025
Comment					
The rapid advancement of artificial intelligence (AI) and digital technologies is reshaping how public sector organizations deliver services, engage with citizens, and manage urban infrastructure. From smart traffic systems and predictive maintenance to AI-powered chatbots and data-driven policymaking, these innovations offer unprecedented opportunities to enhance efficiency, responsiveness, and transparency in public administration. Are you interested in the dynamics of digital transformation in its various facets and want to understand how public sector organizations are managing AI in order to provide better services to citizens? If so, come to our seminar, where you will have the opportunity to address these questions in a structured way. This advanced research methods course will provide an overview of to the 'world of possibilities' in systematic literature reviews. The seminar enables students to understand basic purposes and approaches of different types of systematic literature reviews and to apply them properly to their own individual research topics. While a literature review is part of any research project, including a master's thesis, systematic literature reviews have emerged as a form of scientific inquiry and a stand-alone research projects. They encompass "a class of research inquiries that employ scientific methods to analyse and synthesize prior research to develop new knowledge for academia, practice and policy-making" (Kunisch et al., 2023, p. 5). Thus, systematic literature reviews can play a crucial role in advancing scientific knowledge. Following the joint seminar sessions, which will provide you with the necessary theoretical and methodological knowledge, you will conduct your own literature review in small groups. The lecturer will support and assist you in this process. At the end of the semester, the results will be presented to the course in the form of an academic conference and summarized in a written report.					
Remark					
If you have any questions about the seminar, please contact Nicolas Drathschmidt or our student assistants .					

Course ID	Course Type	Course Title			
117078	KL	Research Colloqium Economic Policy			
Lecturer		Day and Time	Frequency	Room	Start
Thomas Siedler		Thursday 18:00	weekly	3.06 S12	23/10/2025

Course ID	Course Type	Course Title			
117079	FU	Regression Discontinuity Designs and Synthetic Control Method in Economics			
Lecturer		Day and Time	Frequency	Room	Start
Thomas Siedler		Thursday 15:45	weekly	3.06 S21	16/10/2025
Comment					
Further course information is available in Moodle. This course starts in the second week of lectures.					

Literature
Introduction: Lee, D. S. and Lemieux, T. 2010. Regression Discontinuity Designs in Economics, Journal of Economic Literature , 48, 281-355. Imbens, Guido W., and Thomas Lemieux. 2008. Regression Discontinuity Designs: A Guide to Practice. Journal of Econometrics , 142(2): 615–35. Economics of Education Angrist, Joshua D., and Victor Lavy. 1999. Using Maimonides' Rule to Estimate the Effect of Class Size on Scholastic Achievement, Quarterly Journal of Economics , 114(2): 533–75. Urquiola, Miguel, and Eric A. Verhoogen. 2009. Class-Size Caps, Sorting, and the Regression-Discontinuity Design. American Economic Review , 99(1): 179–215. van der Klaauw, Wilbert. 2002. Estimating the Effect of Financial Aid Offers on College Enrollment: A Regression-Discontinuity Approach. International Economic Review , 43(4): 1249–87. Cascio, Elizabeth U., and Ethan G. Lewis. 2006. Schooling and the Armed Forces Qualifying Test: Evidence from School-Entry Laws. Journal of Human Resources , 41(2): 294–318. Leuven, Edwin, Mikael Lindahl, Hessel Oosterbeek, and Dinand Webbink. 2007. The Effect of Extra Funding for Disadvantaged Pupils on Achievement. Review of Economics and Statistics , 89(4): 721–36. Health Economics Carpenter, Christopher, and Carlos Dobkin. 2009. The Effect of Alcohol Consumption on Mortality: Regression Discontinuity Evidence from the Minimum Drinking Age. American Economic Journal: Applied Economics , 1(1): 164–82. Card, David, Carlos Dobkin, and Nicole Maestas. 2009. Does Medicare Save Lives? Quarterly Journal of Economics , 124(2): 597–636. Davis, Lucas W. 2008. The Effect of Driving Restrictions on Air Quality in Mexico City. Journal of Political Economy , 116(1): 38–81. Bharadwaj, P.; Løken, K. and Neilson. C. (2012), Early Life Health Interventions and Academic Achievement. Working Paper. Forthcoming in the American Economic Review . Labor Economics DiNardo, John, and David S. Lee. 2004. Economic Impacts of New Unionization on Private Sector Employers: 1984–2001. Quarterly Journal of Economics , 119(4): 1383–1441. Edmonds, Eric V., Kristin Mammen, and Douglas L.Miller. 2005. Rearranging the Family? Income Support and Elderly Living Arrangements in a Low-Income Country. Journal of Human Resources , 40(1): 186–207. Political Economy Ferreira, Fernando, and Joseph Gyourko. 2009. Do Political Parties Matter? Evidence from U.S. Cities. Quarterly Journal of Economics , 124(1): 399–422. Lee, David S., Enrico Moretti, and Matthew J. Butler. 2004. Do Voters Affect or Elect Policies? Evidence from the U.S. House. Quarterly Journal of Economics , 119(3): 807–59. Pettersson-Lidbom, Per. 2008. Do Parties Matter for Economic Outcomes? A Regression-Discontinuity Approach. Journal of the European Economic Association , 6(5): 1037–56.
Learning content
The regression discontinuity design and the synthetic control method have become very important econometric methods in the empirical economic literature. In this course, we will discuss studies in the area of labour economics, economics of education, health economics and political economy which apply the synthetic control and regression discontinuity design methods. Students will learn both methods and get an overview about leading articles in various areas of applied economics.

Course ID	Course Type	Course Title			
117080	V	Regression Discontinuity Designs and Synthetic Control Method in Economics			
Lecturer		Day and Time	Frequency	Room	Start
Thomas Siedler		Thursday 14:15	weekly	3.06 S21	16/10/2025
Comment					
Further course information is available in Moodle. This course starts in the second week of lectures.					

Literature
Introduction: Lee, D. S. and Lemieux, T. 2010. Regression Discontinuity Designs in Economics, Journal of Economic Literature , 48, 281-355. Imbens, Guido W., and Thomas Lemieux. 2008. Regression Discontinuity Designs: A Guide to Practice. Journal of Econometrics , 142(2): 615–35. Economics of Education Angrist, Joshua D., and Victor Lavy. 1999. Using Maimonides' Rule to Estimate the Effect of Class Size on Scholastic Achievement, Quarterly Journal of Economics , 114(2): 533–75. Urquiola, Miguel, and Eric A. Verhoogen. 2009. Class-Size Caps, Sorting, and the Regression-Discontinuity Design. American Economic Review , 99(1): 179–215. van der Klaauw, Wilbert. 2002. Estimating the Effect of Financial Aid Offers on College Enrollment: A Regression-Discontinuity Approach. International Economic Review , 43(4): 1249–87. Cascio, Elizabeth U., and Ethan G. Lewis. 2006. Schooling and the Armed Forces Qualifying Test: Evidence from School-Entry Laws. Journal of Human Resources , 41(2): 294–318. Leuven, Edwin, Mikael Lindahl, Hessel Oosterbeek, and Dinand Webbink. 2007. The Effect of Extra Funding for Disadvantaged Pupils on Achievement. Review of Economics and Statistics , 89(4): 721–36. Health Economics Carpenter, Christopher, and Carlos Dobkin. 2009. The Effect of Alcohol Consumption on Mortality: Regression Discontinuity Evidence from the Minimum Drinking Age. American Economic Journal: Applied Economics , 1(1): 164–82. Card, David, Carlos Dobkin, and Nicole Maestas. 2009. Does Medicare Save Lives? Quarterly Journal of Economics , 124(2): 597–636. Davis, Lucas W. 2008. The Effect of Driving Restrictions on Air Quality in Mexico City. Journal of Political Economy , 116(1): 38–81. Bharadwaj, P.; Løken, K. and Neilson. C. (2012), Early Life Health Interventions and Academic Achievement. Working Paper. Forthcoming in the American Economic Review . Labor Economics DiNardo, John, and David S. Lee. 2004. Economic Impacts of New Unionization on Private Sector Employers: 1984–2001. Quarterly Journal of Economics , 119(4): 1383–1441. Edmonds, Eric V., Kristin Mammen, and Douglas L.Miller. 2005. Rearranging the Family? Income Support and Elderly Living Arrangements in a Low-Income Country. Journal of Human Resources , 40(1): 186–207. Political Economy Ferreira, Fernando, and Joseph Gyourko. 2009. Do Political Parties Matter? Evidence from U.S. Cities. Quarterly Journal of Economics , 124(1): 399–422. Lee, David S., Enrico Moretti, and Matthew J. Butler. 2004. Do Voters Affect or Elect Policies? Evidence from the U.S. House. Quarterly Journal of Economics , 119(3): 807–59. Pettersson-Lidbom, Per. 2008. Do Parties Matter for Economic Outcomes? A Regression-Discontinuity Approach. Journal of the European Economic Association , 6(5): 1037–56.
Learning content
The regression discontinuity design and the synthetic control method have become very important econometric methods in the empirical economic literature. In this course, we will discuss studies in the area of labour economics, economics of education, health economics and political economy which apply the synthetic control and regression discontinuity design methods. Students will learn both methods and get an overview about leading articles in various areas of applied economics.

Course ID	Course Type	Course Title			
117090	KL	Research Project on Digital Transformation			
Lecturers		Day and Time	Frequency	Room	Start
Stefan Stieglitz, Georg Voronin		Wednesday 09:00	single event	N N.	15/10/2025
Stefan Stieglitz, Georg Voronin		Wednesday 09:00	single event	N N.	10/12/2025
Stefan Stieglitz, Georg Voronin		Wednesday 09:00	single event	N N.	04/02/2026

Course ID	Course Type	Course Title			
117091	S	Research Project on Digital Transformation			
Lecturers		Day and Time	Frequency	Room	Start
Stefan Stieglitz, Georg Voronin		Wednesday 09:00	single event	N N.	15/10/2025
Stefan Stieglitz, Georg Voronin		Wednesday 09:00	single event	N N.	10/12/2025
Stefan Stieglitz, Georg Voronin		Wednesday 09:00	single event	N N.	04/02/2026

Course ID	Course Type	Course Title			
117099	VU	Fortgeschrittene KI-basierte Anwendungssysteme - Data Science und Business Analytics			
Lecturer		Day and Time	Frequency	Room	Start
Marcus Grum		Thursday 10:00	weekly	3.06 S13	16/10/2025
Marcus Grum		Thursday 12:00	weekly	3.06 S13	16/10/2025
Marcus Grum		Thursday 10:00	single event	3.06 H07	23/10/2025
Marcus Grum		Thursday 12:00	single event	3.01 H10	23/10/2025

Requirement

Basic knowledge of artificial intelligence and modeling of AI-based application systems is recommended - as it is provided by KIBAS course.

Literature

Grum, M. (2022). Construction of a concept of neuronal modeling. Springer Nature. https://doi.org/10.1007/978-3-658-35999-7 Weitere Literaturempfehlungen erfolgen themenspezifisch.

Learning content

This advanced course deepens the understanding of the impact of Artificial Intelligence (AI) and other intelligent devices on the collection, analysis, processing and use of data in novel application systems. These changes are shaping the relationship between organizations and end users at strategic, tactical and operational levels, especially in the context of commercial activities. The main objective of this course is to provide students with a comprehensive understanding of the technologies, concepts, methods, approaches and tools that lie within the data science, business analytics and AI context. Areas of focus include the following. First, an in-depth statistical study of the impact of AI at different levels, including individual users, companies, industries and economies in data-driven contexts. Second, the analysis of data science and machine learning techniques, especially neural networks, as well as big data techniques and the infrastructure of AI-enabled operating systems, system networks and organizations. Third, use and discussion of analytics frameworks (e.g. Python-based) and parallelization frameworks (e.g. TensorFlow, PyBrain, Spark) as well as expected strategies of leading companies in the virtual world such as Apple, Google, Facebook and Amazon as well as start-ups related to AI. Fourth, ethical issues will be addressed and emerging business models and their impact on the physical world will be examined. The course aims not only to impart knowledge and analytical skills, but also to develop judgment and design skills at all levels of sustainable management as well as software implementation. Students should be enabled to realize and design AI-based application systems in the field of business informatics as well as their exploration in a statistical experiment setting.

Social Sciences

Course ID	Course Type	Course Title			
115531	V	Applied Regression Analysis (using Stata)			
Lecturer		Day and Time	Frequency	Room	Start
Ulrich Kohler		Monday 10:00	weekly	3.01 H10	13/10/2025

Comment

The lecture has three major goals: First, it repeats materials on multiple linear regression analysis as provided in introductory lectures of sociological BA study paths. Secondly, it starts from that knowledge to introduce advanced topics such as non-parametric regression analysis, multiple regression in matrix terms, regression diagnostic, non-linear relationships, and regression analysis for hierarchical data structures. Finally it provides an introducion to the statistical software Stata, which is used to apply practical examples of the techniques discussed in the lecture.

Literature

Kohler, Ulrich and Frauke Kreuter (2012): Data Analysis Using Stata. College Station: Stata Press (deutsche Ausgabe: Datenanalyse mit Stata. München und Wien: Oldenbourg

Course ID	Course Type	Course Title			
115533	S	Research Design in the Social Sciences			
Lecturer		Day and Time	Frequency	Room	Start
Jasper Dag Tjaden		Wednesday 10:00	weekly	3.06 S24	15/10/2025

Course ID	Course Type	Course Title			
115534	S	Introduction to Sociology and Anthropology of Religion			
Lecturer		Day and Time	Frequency	Room	Start
Agnieszka Halemba		Monday 10:00	weekly	3.07 0.38	13/10/2025

Comment
How have the social sciences studied religions? What are the most important theoretical approaches? Can the study of religion contribute to a better understanding of social relations in a secularised society? We will explore these and other questions during the seminar.
Requirement
None

Course ID	Course Type	Course Title			
115535	LP	Soziale Medien und Wahlen – Angewandte quantitative Analyse (Teil 1)			
Lecturer		Day and Time	Frequency	Room	Start
N.N.			weekly		

Course ID	Course Type	Course Title			
115536	LP	Social Media and Elections – Applied quantitative analysis (Part 2)			
Lecturer		Day and Time	Frequency	Room	Start
Jasper Dag Tjaden		Thursday 12:00	weekly	3.07 0.38	16/10/2025

Comment
Social media is one of the dominant sources for young people to get information about politics – deliberately and incidentally. Many argue that biases in social media exposure to political content is related to recent voting trends of young people across Europe. In this research seminar, we are taking a deep dive into the state-of-the-art research on social media and elections, or more broadly, political communication on social media. Students will acquire a critical understanding of how digitalization of mass media affects democracy, how different actors use social media, how media affects political outcomes, whether algorithms are biased, whether populist parties are more successful on social media, and how political communication is currently regulated. Alongside thematic sessions focussed on discussion of current readings and student presentations, students will acquire based skills analysing real social media data (TikTok, YouTube, X, Instagram) using R (or Python in case of previous knowledge). In the third block, students will develop their own mini-research projects and execute these using methods they have learned in the course including text classification and statistical modelling.

Course ID	Course Type	Course Title			
115626	S	Erwerbsarbeitszeit in vergleichender Perspektive: Entwicklungen, Messung und Ungleichheiten			
Lecturer		Day and Time	Frequency	Room	Start
Magdalena Hipp		Wednesday 12:00	weekly	3.07 0.38	15/10/2025

Course ID	Course Type	Course Title			
116229	S	Feminism and Gender in the Information Age (AI)			
Lecturer		Day and Time	Frequency	Room	Start
Marina Christodoulou		Friday 10:00	single event	3.06 S28	17/10/2025
Marina Christodoulou		Friday 10:00	Block (inkl. Sa,So)	3.06 S28	21/11/2025
Marina Christodoulou		Friday 10:00	single event	3.06 S28	28/11/2025

Comment
This interdisciplinary seminar examines where technology and feminism converge, with a focus on how artificial intelligence (AI), and data science generally, affects gender norms, ethics, and relations of power throughout the Information Age. With digital technology increasingly pervasive, there is a necessity for examining their effects through feminist and ethical lenses. The seminar examines how AI systems can reinforce gendered biases, expand inequalities, and challenge traditional notions of agency and identity. Using foundational texts and case studies, the seminar introduces students to fundamental arguments within feminist theory, gender studies, and AI ethics. Students will analyze AI technology's design, implementation, and societal impact, including concerns regarding algorithmic bias, privacy, labor automation, surveillance, cyborg, theory, techno feminism, intersectionality, and gender representation within technological spaces. The seminar also emphasizes feminist strategies for reconceptualizing AI systems for equity, diversity, and inclusivity.
Remark
The sessions on the 17th of October and 28th of November will be held online via Zoom.

Course ID	Course Type	Course Title			
116617	LP	Social Media and Elections – Applied quantitative analysis (Part 1)			
Lecturer		Day and Time	Frequency	Room	Start
Jasper Dag Tjaden		Thursday 10:00	weekly	3.07 0.38	16/10/2025

Comment
Social media is one of the dominant sources for young people to get information about politics – deliberately and incidentally. Many argue that biases in social media exposure to political content is related to recent voting trends of young people across Europe. In this research seminar, we are taking a deep dive into the state-of-the-art research on social media and elections, or more broadly, political communication on social media. Students will acquire a critical understanding of how digitalization of mass media affects democracy, how different actors use social media, how media affects political outcomes, whether algorithms are biased, whether populist parties are more successful on social media, and how political communication is currently regulated. Alongside thematic sessions focussed on discussion of current readings and student presentations, students will acquire based skills analysing real social media data (TikTok, YouTube, X, Instagram) using R (or Python in case of previous knowledge). In the third block, students will develop their own mini-research projects and execute these using methods they have learned in the course including text classification and statistical modelling.
Requirement
Previous experience/skills (or at least high willingness to learn) either R, Python, or Stata.

Course ID	Course Type	Course Title			
116625	S	Structural Violence: The Making of Settler Colonial Impunity			
Lecturer		Day and Time	Frequency	Room	Start
Hilkje Charlotte Hänel		Tuesday 14:00	weekly	3.06 S12	14/10/2025

Course ID	Course Type	Course Title			
116636	S	Analysing Party(systems) with R			
Lecturer		Day and Time	Frequency	Room	Start
Jan Philipp Thomeczek		Friday 10:00	single event	3.06 S21	17/10/2025
Jan Philipp Thomeczek		Thursday 13:00	weekly	3.06 S15	06/11/2025
Jan Philipp Thomeczek		Friday 10:00	weekly	3.06 S21	07/11/2025

Comment
This course introduces the quantitative analysis of parties and party systems. It makes use of several secondary datasets such as the Chapel Hill Expert Survey. The course consists of a theoretical part, where students will get an overview of the most important publications of parties and party systems, and a practical part, which covers hands-on analyses. Basic knowledge in R is strongly recommended. There will be a mandatory self-studying session on DataCamp to determine and improve your knowledge. Please note the time slots - as the seminar will partly be held together with my colleague Tomas Dvorak (Charles University Prague), there will be several blocks. Participation in all blocks is mandatory; please do not book this course if you're not available for all dates.

Course ID	Course Type	Course Title			
116645	S	Democracy andamp; Human Rights after the Arab Uprisings			
Lecturer		Day and Time	Frequency	Room	Start
Ilyas Saliba		Friday 14:00	single event	3.06 S28	05/12/2025
Ilyas Saliba		Saturday 10:00	weekly	3.06 S28	06/12/2025
Ilyas Saliba		Sunday 10:00	single event	3.06 S28	14/12/2025

Comment
Many states and societies across the so-called Arab World witnessed protests, upheavals, and political violence since 2011. In this seminar we compare the developments across the region since 2011 and focus on a number of countries, exploring the relevant actor constellations and dynamics (domestic and international), to explain the various outcomes of transformation, military coup or restauration and civil war. The focus of the discussions will deal with the consequences for democracy and human rights in the region and beyond. The seminar will be based on academic literature but also include other sources such as films, speeches, or interviews to discuss the events and their consequences. For some of the sessions we will have guest speakers and witnesses to discuss the events during 2011 and developments since.
Learning content
The students will be familiar with the most important academic explanations for the various outcomes of the Arab Uprisings across the region based on the seminars literature and the discussions of these amongst the group as well as with experts and activists. The regional and comparative approach of the seminar provides students with the opportunity to identify different actor constellations and explain the various political outcomes with respect to political violence, governance, and the situation of human rights. After the active participation in this seminar students will have a differentiated picture of the political dynamics during the so-called Arab Spring and are aware of the consequences for the respect of human rights and the persistence of authoritarianism in the region.

Course ID	Course Type	Course Title			
116647	S	Modeling Political Decisions for Sustainability – Forecasting EU Climate Policy			
Lecturer		Day and Time	Frequency	Room	Start
Detlef Sprinz		Thursday 13:00	weekly	3.06 S19	16/10/2025
Detlef Sprinz		Thursday 13:00	single event	3.01 H09	23/10/2025
Detlef Sprinz		Thursday 13:00	weekly	3.06 S15	04/12/2025

Course ID	Course Type	Course Title			
116660	V	Theories of International Institutions			
Lecturer		Day and Time	Frequency	Room	Start
Thomas Sommerer		Thursday 10:00	weekly	3.01 H09	16/10/2025

Comment

This lecture for MA students provides an overview of contemporary mid-range theories on international institutions International institutions provide order and meaning; they structure and facilitate cooperation in world politics. This course introduces theoretical debates in international relations (IR) on international regimes and regime complexes, international organizations, and international norms. We compare how IR theories attempt to explain the emergence, shape, and consequences of international institutions, and what kind of answers they provide on a wide range of different phenomena, e.g, when do sovereign states delegate authority to international organisations? How do international regime complexes facilitate compliance? When do states leave international organizations, or why do they prefer informal arrangements? What explains the effectiveness and legitimacy of international institutions? Upon completing this course, students will be able to provide nuanced assessments of various theoretical approaches and identify relevant theoretical frameworks as a basis for the systematic empirical study of international institutions.

Requirement

Basic knowledge on IR theories (from BA)

Course ID	Course Type	Course Title			
116661	S	Legitimacy of International Organizatiomns			
Lecturer		Day and Time	Frequency	Room	Start
Thomas Sommerer		Wednesday 10:00	weekly	3.06 S28	15/10/2025

Course ID	Course Type	Course Title			
116662	S	Power dynamics in International Organizations			
Lecturer		Day and Time	Frequency	Room	Start
Andrea Knapp		Thursday 14:00	weekly	3.06 S28	16/10/2025

Comment

International Organizations (IOs) are central platforms for global cooperation, but their influence and effectiveness are shaped by power dynamics. Who holds power in IOs, how is it exercised and which (formal and informal) means does it take? This course offers a comprehensive introduction to the theoretical and empirical foundations needed to analyze power in global governance. In the first part, students will explore foundational concepts and competing theories of power in IR. The second part then focuses on the mechanisms through which power operates in IOs. We examine the formal institutional arrangements (e.g., voting rules, representation formulas or mandates) and the informal structures like bureaucratic influence. In the final section, we will apply the analytical tools to understand how different actors wield power in and through IOs (e.g., the United States as hegemonic power, China as rising power, Russia as revisionist power and regional coalitions such as the BRICS) for which participants prepare presentations. By the end of the course, students will be able to critically assess the structural conditions, strategic choices and normative claims shaping power dynamics in IOs. They will also be equipped to analyze current debates around institutional reform, legitimacy and the evolving role of multilateralism.

Course ID	Course Type	Course Title			
116664	S	Qualitative Data Analysis in IR: Methodologies and Techniques			
Lecturer		Day and Time	Frequency	Room	Start
Marina Vulovic		Wednesday 14:00	weekly	3.06 S24	15/10/2025

Course ID	Course Type	Course Title			
116666	S	Public Administration in the Central Eastern EU-member countries			
Lecturer		Day and Time	Frequency	Room	Start
Jochen Franzke		Monday 12:00	single event	3.06 S28	13/10/2025
Jochen Franzke		Monday 12:00	bi-weekly	3.06 S28	27/10/2025
Jochen Franzke		Monday 12:00	single event	3.06 S28	15/12/2025
Jochen Franzke		Monday 12:00	bi-weekly	3.06 S28	19/01/2026

Comment

This Master-Course in English language is specially designed for the MANIA-Modul ‘National and Comparative Public Administration’ and offered as a block seminar. It includes a comparison of the development of public administrations in Estonia, Latvia, Lithuania, Poland, Czech Republic, Slovakia, Hungary, Romania, Bulgaria, Slovenia and Croatia, grouped together as Central Eastern European Countries (CEEC), which became members of the European Union after the revolutions of 1989/1990. Based on the legacies of the communist state apparatus, the specific path of the public administrations of these countries to an administration based on the rule of law and oriented towards European standards is analysed. We will discuss the processes of transformation and Europeanization, the role of ministries and agencies in the policy process, the development of core executive structures and the public service. The aim of the course is to develop a more precise understanding of the specifics of the development of public administrations in these countries.

Course ID	Course Type	Course Title			
116667	S	Digital Transformation of Migration Administration: A Focus Group Approach			
Lecturer		Day and Time	Frequency	Room	Start
Liz Wehmeier		Friday 12:00	single event	3.07 0.39	17/10/2025
Liz Wehmeier		Monday 09:00	single event	3.07 0.39	27/10/2025
Liz Wehmeier		Friday 09:00	single event	3.07 0.39	05/12/2025

Comment

This block seminar combines substantive debates on the digitalization of migration administration (with a focus on Germany’s Central Register of Foreigners, AZR) with methodological training in focus group research. Students will design, conduct, and reflect on a simulated focus group in the first block session. In the second block session, students will analyse and compare both the simultaneous and a real focus group with practitioners.

Learning content

Course Objectives: Understand the role of Germany’s Central Register of Foreigners (AZR) in local migration administration and related debates on digital government Acquire hands-on experience in planning, moderating, and analysing focus groups Critically reflect on the potential and limits of focus groups in administrative research

Course ID	Course Type	Course Title			
116668	S	Public Sector Reforms			
Lecturer		Day and Time	Frequency	Room	Start
Geert Bouckaert		Thursday 09:00	Block	3.07 2.27	22/01/2026
Geert Bouckaert		Monday 09:00	Block	3.07 2.27	26/01/2026

Literature

Pollitt/Bouckaert: Public Management Reform. Oxford University Press, 2017 (compulsory, you will have access to he book via Moodle)

Learning content

Since the end of the 1970s public sector reforms have been permanent in OECD countries. It is important to understand the logics of these reforms, and also what is common, or not, and why. Managing performance is a common denominator in all reform models. This course is about understanding the content of managing performance as a driver for public sector reform. Three models of reform will be presented: New Public Management (a market based model), Neo Weberian State (a hierarchy based model), and New Public Governance (a network based model). The connection with performance implies its measurement, its incorporation, and its use. The models will be illustrated with examples from ‘pilot’ countries in the OECD. Students will be required to present texts, to critically assess these, and to implement them to their home country or their 'chosen country'. There will be exercises in class, including a role play of a performance budget and discussions on quality models in the public sector.

Course ID	Course Type	Course Title			
116670	S	Regions and Municipalities in EU governance			
Lecturer		Day and Time	Frequency	Room	Start
Peter Ulrich		Thursday 10:00	weekly	3.06 S28	16/10/2025

Comment

The Master seminar discusses theoretically and empirically the role, agency, competences and different ways of how regions and local actors are interwoven within the EU multilevel polity and governance. The political and administrative cooperation in Europe will be assessed by focusing on the interaction of different levels (supranational, national/ intergovernmental, regional, local) with regard to actor interaction, networking, governance and/or cooperation in the EU with its regions and municipalities. The seminar is built on paper readings and discussions, input presentations by the lecturer and the students and excursions.

Literature

Beck, Joachim (2022): Horizontal Integration, Baden-Baden: Nomos. Börzel, Tanja A. (2020): Multilevel governance or multilevel government?, in: The British Journal of Politics and International Relations, Vol. 22(4), S. 776–783. Crossey, Nora/Weber, Florian (2023): Borderlands of Governance – Multilevel Cross-border Governance and Trajectories of Local Cross-border Ties in the Franco-German Moselle-Saarland Region, Journal of Borderlands Studies. Diez, Thomas & Wiener, Antje (2018): Introducing the Mosaic of Integration Theory, in: Working Paper KFG – The Transformative Power of Europe. Hooghe, Liesbet & Marks, Gary (2019): Grand theories of European integration in the twenty-first century, in: Journal of European Public Policy, Vol. 26(8), S. 1113-1133. Kajta, Justyna/Makaro, Julita & Debicki, Marcin (2023): Divided Towns, Integration and Cross-border Cooperation. The Cases of Cieszyn/Ceský Tesín and Slubice/ Frankfurt (Oder), Journal of Contemporary European Studies, Vol. 31(4), S. 1164-1177. Kern, Kristine (2019): Cities as leaders in EU multilevel climate governance: embedded upscaling of local experiments in Europe, in: Environmental Politics, Vol. 28(1), S. 125-145. Kreienkamp, Julia/ Pegram, Tom & David Coen (2022): Explaining transformative change in EU climate policy: multilevel problems, policies, and politics, in: Journal of European Integration, Vol. 44(5), S. 731-748. Moodie, John R./Meijer, Mari Wøien/Salenius, Viktor & Kull, Michael (2023): Territorial governance and Smart Specialisation: empowering the subnational level in EU regional policy, Territory, Politics, Governance, Vol. 11(7), S. 1392-1412. Schakel, Arjan H. (2020): Multi-level governance in a 'Europe with the regions', in: The British Journal of Politics and International Relations, Vol. 22(4), S. 767–775. Ulrich, Peter (2021): Participatory Governance in the Europe of Cross-Border Regions. Cooperation – Boundaries – Civil Society. Baden-Baden: Nomos.

Remark

The seminar starts on October 30! One of the dates will be a full-day excursion. Dates: 30.10.25 6.11.25 20.11.25 27.11.25 4.12.25 11.12.25 18.12.25 8.1.26 15.1.26 29.1.26 5.2.26

Learning content

EU integration theories with the focus on the regional and local level Actors and relations within the EU from a regional and local perspectives Practical experiences by visiting political actors in Berlin and Brandenburg who work in EU affairs

Course ID	Course Type	Course Title			
116672	PR	Internship			
Lecturer		Day and Time	Frequency	Room	Start
Fabian Schuppert			single event		

Course ID	Course Type	Course Title			
116673	S	Utopia, Retrotopia, Dystopia. Political imaginaries of the future			
Lecturer		Day and Time	Frequency	Room	Start
Börries Erek Nehe		Monday 12:00	weekly	3.06 S25	13/10/2025

Course ID	Course Type	Course Title			
117769	S	Sport Politics in Germany: Actors, Institutions, and Policy Dynamics			
Lecturer		Day and Time	Frequency	Room	Start
Camilla Wanckel		Friday 10:00	weekly	3.06 S23	17/10/2025
Camilla Wanckel		Friday 10:00	weekly	3.06 S26	31/10/2025
Camilla Wanckel		Friday 10:00	weekly	3.06 S15	21/11/2025

Faculty of Science

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Karl-Liebknecht-Str. 24-25
14476 Potsdam

https://www.uni-potsdam.de/en/mnfakul

Institute of Computer Science and Computational Science

Course ID	Course Type	Course Title
117147	VU	Grundlagen der Informatik

Lecturer	Day and Time	Frequency	Room	Start
Henning Bordihn	Thursday 16:00	weekly	2.70 0.08	16/10/2025
Henning Bordihn		weekly		

Comment

The content is taught with the help of appropriate video lectures as they can be found, e.g., on Coursera, Stanford Online or MIT OpenCourseWare. The meetings in presence are used for discussing questions and assignments.

Learning content

Algorithms and Data Structures: Growth of functions and O-notation; Divide and conquer; Dynamic Programming; Sorting and searching; Elementary data structures; Elementary algorithms on graphs Formal Languages: Regular languages and finite automata; Context-free languages and pushdown automata; Recursively enumerable languages and Turing maschines Theoretical Foundations: Decidability and computability; Halting problem; Non-determinism; Complexity classes P and NP; Rekursion; Inductive definitions

Course ID	Course Type	Course Title
117110	VU	Advanced Problem Solving Techniques

Lecturers	Day and Time	Frequency	Room	Start
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub	Thursday 12:00	weekly	2.70 0.10	16/10/2025
Torsten Schaub	Friday 12:00	weekly	2.06 1.01	17/10/2025
Torsten Schaub	Friday 12:00	single event	2.70 0.09	23/01/2026

Comment

Answer Set Programming (ASP) is a prime approach to declarative problem solving. Although initially tailored to modeling problems in the area of Knowledge Representation and Reasoning (KRR), its attractive combination of a rich yet simple modeling language with high-performance solving capacities has sparked interests in academia and industry way beyond KRR. This course presents a detailed introduction to ASP, aiming at using ASP languages and systems for solving application problems. Starting from the essential formal foundations, it introduces ASP's solving technology, modeling language and methodology, while illustrating the overall solving process by practical examples.

Requirement

Motivation.

Literature

Answer Set Solving in Practice by Martin Gebser, Roland Kaminski, Benjamin Kaufmann, and Torsten Schaub. Synthesis Lectures on Artificial Intelligence and Machine Learning, Morgan and Claypool Potassco User Guide by the Potassco team, https://github.com/potassco/guide/releases Answer Set Programming by Vladimir Lifschitz. Springer Knowledge Representation, Reasoning, and the Design of Intelligent Agents: The Answer-Set Programming Approach by Michael Gelfond and Yulia Kahl. Cambridge University Press

Remark

Offline communication is conducted primarily via the associated moodle page. Announcements are also made through the email list of registered students in puls. Questions can be addressed to asp@lists.cs.uni-potsdam.de A tutorial introduction to answer set programming, used in the projects, is given separately.

Learning content

Motivation Introduction Modeling Language Grounding Foundations Solving Advanced modeling

Course ID	Course Type	Course Title			
117111	PJ	Advanced Problem Solving Techniques			
Lecturers		Day and Time	Frequency	Room	Start
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub			weekly		
Comment					
Medium practical assignment accompanying the course, and preferably accomplished in a small group of preferably two persons					

Course ID	Course Type	Course Title			
117112	PR	Advanced Problem Solving Techniques			
Lecturers		Day and Time	Frequency	Room	Start
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub			weekly		
Comment					
Suite of usually practical assigments accompanying the course					

Course ID	Course Type	Course Title			
117114	VU	Applied Causal Inference			
Lecturers		Day and Time	Frequency	Room	Start
Jakob Runge		Thursday 10:00	weekly	2.70 0.08	16/10/2025
Jakob Runge		Thursday 12:00	weekly	2.70 0.08	16/10/2025
Sofia Faltenbacher		Thursday 12:00	weekly	2.70 0.09	16/10/2025
Learning content					

Course ID	Course Type	Course Title			
117116	VU	Artificial Intelligence			
Lecturers		Day and Time	Frequency	Room	Start
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub		Monday 14:00	weekly	2.70 0.08	13/10/2025
Torsten Schaub		Monday 14:00	weekly	2.70 0.10	13/10/2025
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub		Monday 16:00	weekly	2.70 0.10	13/10/2025
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub		Monday 16:00	weekly	2.70 0.08	13/10/2025
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub			weekly		
Comment					
This course gives a gentle introduction to basic techniques used in intelligent systems.					
Requirement					
Motivation.					

Literature
D. Poole, A. Mackworth and R. Goebel. Computational Intelligence: A Logical Approach. Oxford University Press, New York, 1998. M. Gelfond and Y. Kahl. Knowledge Representation, Reasoning, and the Design of Intelligent Agents . Cambridge University Press, 2014. C. Baral. Knowledge Representation, Reasoning and Declarative Problem Solving. Cambridge University Press, 2003. V. Lifschitz. Answer Set Programming. Springer, 2019. W. Bibel, S. Hölldobler, and T. Schaub. Wissensrepräsentation und Inferenz. Vieweg Verlag, Braunschweig, 1993. T. Dean, J. Allen and Y. Aloimonos. Artificial Intelligence. Theory and Practice. Addison-Wesley, 1995. N. J. Nilsson. Artificial Intelligence: A new Synthesis. Morgan Kaufmann, 1998. St. Russell and P. Norvig. Artificial Intelligence: A Modern Approach. Prentice Hall, Englewood Cliffs,NJ, 1994. Y. Shoham. Artificial Intelligence Techniques in Prolog. Morgan Kaufmann, 1994.
Remark
Offline communication is conducted primarily via the associated moodle page. Announcements are also made through the email list of registered students in puls. Questions can be address to ci@lists.cs.uni-potsdam.de An introduction to answer set programming, used in the projects, is given separately.
Learning content
Introduction Artificial Intelligence and Agents Searching for Solutions Reasoning with Constraints Propositions and Inference Boolean Constraint Solving Planning

Course ID	Course Type	Course Title			
117126	VU	Correct-by-Construction Software Engineering			
Lecturers		Day and Time	Frequency	Room	Start
Mario Frank, Anna-Lena Lamprecht		Tuesday 10:00	weekly	2.70 0.11	14/10/2025
Mario Frank, Anna-Lena Lamprecht		Tuesday 12:00	weekly	2.70 0.11	14/10/2025

Requirement
Participants should have at least basic knowledge of Logics and the C programming language. Helpful, but not necessary, is experience with functional programming languages (as OCaml).
Learning content
Bugs in Software Correctness of Software Functional Properties of Software (Specification) Working with the proof assistant Rocq (Coq) Data types in Rocq Defining programs in Rocq (functional model) Proving properties of programs Synthesising correct-by-construction programs from specifications Performance of synthesised programs Extracting programs into functional (OCaml) and imperative languages (C) Interfacing extracted C-Code and OCaml-Code with handwritten code

Course ID	Course Type	Course Title			
117130	PJ	Declarative Problem Solving			
Lecturers		Day and Time	Frequency	Room	Start
Ryan Murphy, Torsten Schaub			weekly		

Comment
In this project, student teams build software systems whose core consists of problem solvers for combinatorial (optimization) problems, like answer set programming
Requirement
Good knowledge in ASP and/or SAT.
Remark
Offline communication is conducted primarily via the associated moodle page. Announcements are also made through the email list of registered students in puls. Questions can be address to krprojects@lists.cs.uni-potsdam.de. krprojects@lists.cs.uni-potsdam.de
Learning content
On individual basis

Course ID	Course Type	Course Title			
117133	S	Digital Twins and Their Use Cases			
Lecturers		Day and Time	Frequency	Room	Start
Sukanya Bhowmik, Philipp Ungrund		Wednesday 14:00	weekly	2.70 0.10	15/10/2025

Course ID	Course Type	Course Title			
117134	VU	Distributed Algorithms and Middleware Systems			
Lecturers		Day and Time	Frequency	Room	Start
Sukanya Bhowmik		Tuesday 12:00	weekly	2.70 0.08	14/10/2025
Sukanya Bhowmik, Philipp Ungrund		Wednesday 12:00	weekly	2.70 0.09	15/10/2025
Comment					
TODO					

Course ID	Course Type	Course Title			
117139	FS	Forschungsseminar Software Engineering			
Lecturer		Day and Time	Frequency	Room	Start
Anna-Lena Lamprecht		Thursday 16:00	weekly	2.70 0.10	16/10/2025
Comment					
This seminar deals with current research in the field of software engineering, discussing recent publications as well as participants' own research projects.					

Course ID	Course Type	Course Title			
117140	FS	FS Causal Inference			
Lecturer		Day and Time	Frequency	Room	Start
Jakob Runge		Monday 12:00	weekly	2.70 0.08	13/10/2025
Learning content					
This seminar explores advanced aspects of causal inference and is ideally taken in after an introductory or advanced lecture on causal inference. Topics can be flexibly chosen and include theoretical, methodological, and practical challenges in causal discovery and effect estimation, such as developing a new method or theoretical result addressing a specific challenge in causal inference, conducting a numerical benchmark, or implementing and testing a new feature in the Tigramite Python causal inference package.					

Course ID	Course Type	Course Title			
117151	VU	Introduction to Causal Inference			
Lecturers		Day and Time	Frequency	Room	Start
N.N.		Monday 12:00	weekly	2.70 0.09	13/10/2025
Sofia Faltenbacher		Thursday 16:00	weekly	2.70 0.09	16/10/2025
Learning content					
Basic concepts of causality according to Pearl and Spirtes are introduced, and the corresponding mathematical apparatus is developed. Learning algorithms based on the concept of graphical models and conditional independence are discussed. An important part is the practical estimation problem of learning causal graphs and statistical methods for estimating conditional independence. Since time series data are present in many applied sciences, special emphasis is placed on the challenges characteristic of time series. The course concludes with exemplary applications of methods to real data.					

Course ID	Course Type	Course Title			
117190	PJ	Parallel Computing in Computational Science			
Lecturers		Day and Time	Frequency	Room	Start
Max Lübke, Bettina Schnor		Tuesday 14:00	weekly	2.70 0.05	14/10/2025
Comment					
Die Lehrveranstaltung bietet verschiedene Praktikums- und Projektthemen aus dem Bereich des High Performance Computings an. Der Schwerpunkt liegt dabei auf geowissenschaftlichen Anwendungen. Die Themen werden in Kooperation mit dem GeoForschungszentrum Potsdam (GFZ) und dem Potsdamer Institut für Klimafolgenforschung (PIK) gestellt. Die Bearbeitung erfolgt selbstständig in Absprache mit den Betreuern.					
Requirement					
Eine erfolgreiche Teilnahme an der Veranstaltung ”Konzepte paralleler Programmierung” wird vorausgesetzt.					

Course ID	Course Type	Course Title			
117199	PJ	Railway Scheduling			
Lecturers		Day and Time	Frequency	Room	Start
Ryan Murphy, Torsten Schaub		Monday 12:00	weekly	2.70 0.10	13/10/2025

Comment
In this project, student teams build software systems addressing problems in railway scheduling using problem solvers for answer set programming. More information can be found at Moodle .
Requirement
Knowledge in answer set programming
Remark
Offline communication is conducted primarily via the associated moodle page. Announcements are also made through the email list of registered students in puls. Questions can be address to flatland@lists.cs.uni-potsdam.de .
Learning content
On individual basis

Course ID	Course Type	Course Title			
117203	DF	Reasoning with Large Language Models			
Lecturers		Day and Time	Frequency	Room	Start
Torsten Schaub, Balázs Amadé Nemes		Friday 10:00	weekly	2.70 0.09	17/10/2025

Course ID	Course Type	Course Title			
117205	PJ	Research Module B			
Lecturer		Day and Time	Frequency	Room	Start
Tobias Scheffer			Block		

Course ID	Course Type	Course Title			
117206	PJ	Research Module A			
Lecturer		Day and Time	Frequency	Room	Start
Tobias Scheffer			Block		

Course ID	Course Type	Course Title			
117208	S	From Machine Learning Theory to Practice on a Physical Testbed			
Lecturer		Day and Time	Frequency	Room	Start
Simon Bing		Monday 16:00	weekly	2.70 0.09	13/10/2025
Learning content					
Students learn about the mathematical theory that underlies modern machine learning systems in hands-on projects on a physical testbed/mini-lab. The seminar covers topics such as regression, conformal prediction, causal inference and time series analysis. The focus of this seminar is to highlight challenges that arise when theoretical foundations meet data collected from physical systems and how to deal with these challenges from both a theoretical and practical point of view. Students conduct multiple mini-projects regarding each concept and present one these projects for grading.					

Course ID	Course Type	Course Title			
117210	VU	Softwarequalität			
Lecturers		Day and Time	Frequency	Room	Start
Sebastian Müller		Wednesday 10:00	weekly	2.70 0.09	15/10/2025
Sebastian Müller		Wednesday 12:00	weekly	2.70 0.11	15/10/2025
Anna-Lena Lamprecht		Thursday 14:00	weekly	2.70 0.09	16/10/2025
Comment					
This course takes a closer look at software quality criteria, and methods and techniques for software quality control and software quality assurance. The concepts discussed in the lecture will be applied to different real software projects to deepen students' understanding.					
Requirement					
We expect solid basic programming skills and common knowledge of software engineering terms and concepts, as for example taught in "Software Engineerig I".					

Course ID	Course Type	Course Title			
117366	VU	Transfer and Innovation Management			
Lecturer		Day and Time	Frequency	Room	Start
Hans-Hennig von Grünberg			weekly		
Hans-Hennig von Grünberg			weekly		

Comment
The courses take place on Monday 14:00-16:00 (lecture) and Monday 16:00-18:00 (seminar/exercise) on the Griebnitzsee campus . Room: 3.06.H08, Hauptgebäude auf dem Campus Griebnitzsee: START: 21. Oktober *** Die Veranstaltungen finden Montag 14:00-16:00 Uhr (Vorlesung) und Montag 16:00-18:00 Uhr (Seminar/Übung) auf dem Campus Griebnitzsee statt. Der Raum 3.06.H08, Hauptgebäude auf dem Campus Griebnitzsee: START: 21. Oktober
Learning content
How do you get from ideas to products? How do research results from the academic world find their way into a company's product portfolio? How do innovations emerge and how do you manage them? So far, the modules "MMBBWL410: Innovationsmanagement" (Prof. Julia Brennecke) at the WISO Faculty and "Knowledge and Technology Transfer" at the Mat. Nat. Faculty have been held separately. With this joint module we now want to think and teach transfer and innovation together, because the underlying concepts are intimately related to each other. Innovations do not arise by themselves, but are often based on research results. In order to provide as many practical references as possible, we base the accompanying coursework on concrete research projects from practice. These cases will refer to projects from the innoFSPEC-Transfer-Lab of the University Potsdam. Your task is to develop for these use cases a technology-related transfer concept. Drawing on models and theories discussed in the module as well as on relevant academic literature, your concept should take the technology to the market and raise it to TRL 8 or 9. To this end, identify and evaluate potential avenues for commercialization of your technology (for instance by engaging in market and competitor analysis). The accompanying lecture will also include talks by guests that will provide vivid examples from their everyday life to explain how to move from the results of applied research to innovations with and for companies. For example, we will invite a patent attorney, employees of a young start-up company and project managers from the Potsdam institutes of the Fraunhofer Gesellschaft. Week Date Type Topic Initials 0 14-Oct Lecture Kick-off session - Introduction to the course JB/HHvG Tutorial -- 1 Lecture Introduction to innovation management JB Tutorial Tutorial 1: Orga, assignment, get to know each other AH/RS 2 Lecture Technology transfer: How to get from research to innovation HHvG Tutorial Tutorial 2: Team building and presentation of cases AH/RS 3 Lecture Transfer at work: product-readiness-level, customer interaction level, technology readiness level and from prototype to product HHvG Tutorial Tutorial 3: On the use of ChatGPT in this course AH/RS 4 13-Nov Guest lecture Transfer everyday (Fraunhofer) FH Tutorial Tutorial 4: Identification of transfer challenges + research exercise AH/RS 5 20-Nov Lecture Market and competitor analysis JB Tutorial Tutorial 5: Exercise (market research) AH/RS 6 27-Nov Lecture Innovation strategies: Open innovation JB Tutorial Tutorial 6: Interview preparation AH/RS 7 04-Dec Guest lecture Innovation protection strategies – (PT: Sascha Gohlke + Hertin & Partner) HHvG Tutorial Tutorial 7: IP consideration exercise and prep. for presentations AH/RS 8 11-Dec Lecture Developing new business models JB Tutorial Tutorial 8: BM exercise (create a BM for your technology) 9 18-Dec Lecture Midterm presentations all Tutorial Midterm presentations all Christmas break 10 08-Jan Lecture The science behind our use cases HHvG Tutorial Tutorial 9: Recap midterms AH/RS 11 15-Jan Lecture Managing innovation through networks JB Tutorial Tutorial 10: Preparation presentation and report AH/RS 12 22-Jan Lecture Panel discussion start-ups Fraunhofer / Start up / Transfer expert all Tutorial all 13 29-Jan Lecture Final presentations all Tutorial Final presentations all 14 05-Feb Lecture Recap and Q&A JB Tutorial --

Course ID	Course Type	Course Title			
117478	PR	Declarative Problem Solving and Optimization			
Lecturers		Day and Time	Frequency	Room	Start
Ryan Murphy, Balázs Amadé Nemes, Javier Romero Davila, Torsten Schaub			weekly		
Comment					
Suite of usually practical assigments accompanying the course					

Course ID	Course Type	Course Title			
117107	VU	Advanced Causal Inference			
Lecturer		Day and Time	Frequency	Room	Start
Martin Rabel		Monday 10:00	weekly	2.70 0.09	13/10/2025
Martin Rabel		Monday 14:00	weekly	2.70 0.09	13/10/2025

Learning content
This advanced course builds on the basic causal inference class by extending theory and tackling real-world data complexities with modern methods. It deepens understanding of conditional independence testing (CIT) and develops causal discovery (CD), focusing on hidden confounders, cycles, non-stationarity, multiple datasets, and high-dimensional variables. While emphasizing constraint-based CD, score-based algorithms are also covered within a broader framework. We address methodological advances, benchmarking, and inductive biases. Beyond CD as a first stage, the course studies causal effect identification, estimation under finite samples, counterfactuals, and mediation. Connections to potential outcomes, dynamic systems, and representation learning are drawn. Theory is paired with applications, proofs, and real data examples across scientific fields.

Course ID	Course Type	Course Title			
117479	VU	Declarative Problem Solving and Optimization			
Lecturers		Day and Time	Frequency	Room	Start
Ryan Murphy, Javier Romero Davila, Torsten Schaub		Thursday 12:00	weekly	2.70 0.10	16/10/2025
Torsten Schaub		Friday 12:00	weekly	2.06 1.01	17/10/2025
Torsten Schaub		Friday 12:00	single event	2.70 0.09	23/01/2026

Comment
Answer Set Programming (ASP) is a prime approach to declarative problem solving. Although initially tailored to modeling problems in the area of Knowledge Representation and Reasoning (KRR), its attractive combination of a rich yet simple modeling language with high-performance solving capacities has sparked interests in academia and industry way beyond KRR. This course presents a detailed introduction to ASP, aiming at using ASP languages and systems for solving application problems. Starting from the essential formal foundations, it introduces ASP's solving technology, modeling language and methodology, while illustrating the overall solving process by practical examples.
Requirement
Motivation.
Literature
Answer Set Solving in Practice by Martin Gebser, Roland Kaminski, Benjamin Kaufmann, and Torsten Schaub. Synthesis Lectures on Artificial Intelligence and Machine Learning, Morgan and Claypool Potassco User Guide by the Potassco team, https://github.com/potassco/guide/releases Answer Set Programming by Vladimir Lifschitz. Springer Knowledge Representation, Reasoning, and the Design of Intelligent Agents: The Answer-Set Programming Approach by Michael Gelfond and Yulia Kahl. Cambridge University Press
Remark
Offline communication is conducted primarily via the associated moodle page. Announcements are also made through the email list of registered students in puls. Questions can be addressed to asp@lists.cs.uni-potsdam.de A tutorial introduction to answer set programming, used in the projects, is given separately.
Learning content
Motivation Introduction Modeling Language Grounding Foundations Solving Advanced modeling

Institute of Mathematics

Course ID	Course Type	Course Title			
117338	VU	Applied Stochastic Processes			
Lecturer		Day and Time	Frequency	Room	Start
Sebastian Reich		Wednesday 08:00	weekly	N N.	15/10/2025
Sebastian Reich		Wednesday 12:00	weekly	N N.	15/10/2025
Sebastian Reich		Thursday 08:00	weekly	2.09 1.10	16/10/2025

Course ID	Course Type	Course Title			
117341	VU	Algebraic Topology			
Lecturers		Day and Time	Frequency	Room	Start
Rebecca Roero		Monday 16:00	weekly	N N.	13/10/2025
Christian Bär		Tuesday 16:00	weekly	N N.	14/10/2025
Christian Bär		Friday 16:00	weekly	2.09 0.14	17/10/2025

Course ID	Course Type	Course Title			
117428	VU	Systems biology in drug development			
Lecturer		Day and Time	Frequency	Room	Start
Wilhelm Huisinga			Block		
Wilhelm Huisinga			Block		

Comment

The course will be tought in a blended format, with self-lerning theoretical parts, Q&A sessions/discussion and hands-on exercises. All relevant course material is provided on Moodle.

Requirement

PharMetrX A1-A3 modules "Introduction to pharmacokinetics and pharmacodynamics", "Introduction to physiologically based pharmacokinetics" and "Introduction to population analysis".

Literature

A list of references is provided via Moodle.

Remark

There is a Moodle page for this course. All further information (slidecasts, PDF of slides, Zoom dial-in details, hands-on exercises etc) will be provided on the Moodle page.

Learning content

Theory of deterministic and stochastic biochemical reaction networks, integration of systems biology models into PK models, HIV disease modelling, network motifs anlaysis

Course ID	Course Type	Course Title			
117414	VU	Partial Differential Equations I			
Lecturer		Day and Time	Frequency	Room	Start
Christian Rose		Tuesday 12:00	weekly	N N.	14/10/2025
Christian Rose		Wednesday 14:00	weekly	2.09 0.12	15/10/2025
Christian Rose		Thursday 10:00	weekly	N N.	16/10/2025

Comment

May laws of nature can be cast in the form of an equation for the partial derivatives of an unknown function. In this lecture we consider such equations in a systematic way. A large part of the lecture is devoted to studying the classical examples for the three main types of equations. The Poisson equation as an elliptic equation describing static configurations of the, the het equation which is a parabolic equation, and the wave equation as a hyperbolic equation. The remaining part of the lecture considers the theory of existence and uniqueness of solutions to elliptic equations.

Requirement

Material from Courses Analysis 1-3 and Linear Algebra 1 and 2.

Literature

Literature on Partial Differential Equations: L. C. Evans: Partial Differential Equations, Second Edition, Graduate Studies in Mathematics, American Mathematical Society (2010). D. Gilbarg and N. Trudinger: Elliptic Partial Differential Equations of Second Order, Second Edition, Grundlehren der mathematiscehn Wissenschaften, Springer (1998). (Electronic Version.) Michael E. Taylor: Partial Differential Equations I, Basic Theory, Applied Mathematical Sciences, Springer (1996). Interesting complements: J. Jost: Postmodern Analysis, Second Edition, Universitext, Springer (2003)

Course ID	Course Type	Course Title			
117361	VU	Funktionalanalysis 1 (Functional Analysis 1)			
Lecturer		Day and Time	Frequency	Room	Start
Elke Rosenberger		Monday 08:00	weekly	2.09 0.12	13/10/2025
Elke Rosenberger		Wednesday 10:00	weekly	2.09 0.12	15/10/2025
Elke Rosenberger		Thursday 12:00	weekly	N N.	16/10/2025

Comment

https://moodle2.uni-potsdam.de/course/view.php?id=42546

Course ID	Course Type	Course Title			
117411	VU	Statistical Data Analysis			
Lecturers		Day and Time	Frequency	Room	Start
Chloé Rouyer		Tuesday 16:00	weekly	2.09 0.14	14/10/2025
Alexandra Carpentier		Thursday 10:00	weekly	2.27 1.01	16/10/2025
Chloé Rouyer		Thursday 14:00	weekly	2.09 0.14	16/10/2025
Alexandra Carpentier		Friday 12:00	weekly	2.28 0.108	17/10/2025

Comment

Welcome to the Statistical Data Analysis Lecture. In this lecture, we will study together the foundations of statistical Data Analysis. The first lecture is on Thursday 16.10 at 10:15, in Room 2.27.1.01 as announced in PULS. During this session, we will discuss about the organisation of the lecture. Please attend this session if you want to join the lecture, so that we can organise. For those of you who cannot attend in person, we will also provide a zoom link in the Moodle (see course organisation) , this lecture will be hybrid. Important information: the exercise sessions will take place during the first week of lecture, as announced on PULS (you do not need to prepare an exercise sheet for it, please come with a computer or a tablet). Note that the first exercise session is on Tuesday 14.10 at 16:15 as announced in PULS, ie before the first lecture. For more information, please register to the Moodle of the lecture. For those of you who will also follow the bridge lecture Foundation of Stochastics (FoS) in this semester: it is advisable to first follow FoS in the coming semester, and to postpone your enrollment in Statistical Data Analysis (SDA) to next year. It is indeed very challenging to follow SDA if you do not have the mathematical background from FoS.

Course ID	Course Type	Course Title			
117360	VU	Foundations of Stochastics			
Lecturer		Day and Time	Frequency	Room	Start
Gregor Pasemann		Monday 14:00	weekly	2.09 1.10	13/10/2025
Gregor Pasemann		Wednesday 12:00	weekly	2.09 1.10	15/10/2025
Gregor Pasemann		Friday 10:00	weekly	2.09 0.14	17/10/2025

Requirement

Participants in this course are expected to already know the following concepts: Basic mathematical analysis: inequalities, limits, sequences, series, factorials, etc. Differential and integral calculus: computing derivatives and integrals of scalar- and vector-valued functions, maxima or minima or saddle points of functions, etc.

Remark

To participate in this course, you must register for this course on the PULS page and you must provide proof that you are required to take this course, in the form of the admissions letter from the Master of Data Science program.

Course ID	Course Type	Course Title			
117421	FS	Wahrscheinlichkeitstheorie			
Lecturers		Day and Time	Frequency	Room	Start
Peter Nejjar, Kevin Jacob Kurien		Monday 08:00	weekly	2.09 0.14	13/10/2025

Course ID	Course Type	Course Title			
117187	S	Academic Reading and Writing			
Lecturer		Day and Time	Frequency	Room	Start
Han Cheng Lie			Block		

Course ID	Course Type	Course Title			
117429	S	Seminar Eichtheorie			
Lecturer		Day and Time	Frequency	Room	Start
Sylvie Paycha		Friday 08:00	weekly	2.05 1.06	17/10/2025
Sylvie Paycha		Friday 14:00	weekly	2.09 0.14	17/10/2025

Course ID	Course Type	Course Title			
117413	VU	Model reduction			
Lecturer		Day and Time	Frequency	Room	Start
Philipp Schulze		Monday 10:00	weekly	2.09 0.13	13/10/2025
Philipp Schulze		Friday 10:00	weekly	N N.	17/10/2025
Philipp Schulze		Friday 14:00	weekly	N N.	17/10/2025

Course ID	Course Type	Course Title			
117415	FS	Forschungsseminar Gruppen und Operatoralgebren			
Lecturers		Day and Time	Frequency	Room	Start
Sven Raum, Jonathan Taylor		Wednesday 10:00	weekly	N N.	15/10/2025
Comment					
We have a moodle where more info will be available: https://moodle2.uni-potsdam.de/course/view.php?id=46203					

Course ID	Course Type	Course Title			
117419	FS	Forschungsseminar Differentialgeometrie			
Lecturer		Day and Time	Frequency	Room	Start
Christian Bär		Thursday 16:00	weekly	N N.	16/10/2025

Course ID	Course Type	Course Title			
117422	FS	Forschungsseminar Uncertainty Quantification			
Lecturer		Day and Time	Frequency	Room	Start
Han Cheng Lie		Tuesday 12:00	weekly	2.09 0.12	14/10/2025

Course ID	Course Type	Course Title			
117424	S	Seminar Informationstheorie			
Lecturer		Day and Time	Frequency	Room	Start
Gregor Pasemann		Friday 08:00	weekly	2.09 0.14	17/10/2025
Comment					
In this seminar, we study different aspects of information theory. Based on ideas from statistical mechanics and developed in order to describe efficient coding and signal transmission in noisy channels, information theory has connections to different branches of mathematics such as statistical inference, portfolio theory and large deviation theory.					
Requirement					
A solid background in probability theory and analysis is required.					
Literature					
The program and material for the seminar will be announced at the first meeting.					
Remark					
If you are interested in participating (with or without credit), please sign up on PULS. If you cannot sign up on PULS, please contact the instructor by e-mail.					

Course ID	Course Type	Course Title			
117425	S	Seminar Neuronale Netzwerke			
Lecturer		Day and Time	Frequency	Room	Start
Wilhelm Huisinga		Monday 12:15	weekly	2.09 1.10	13/10/2025

Course ID	Course Type	Course Title			
117426	S	Seminar Topics in Numerical Analysis			
Lecturer		Day and Time	Frequency	Room	Start
Philipp Schulze		Friday 08:00	weekly	N N.	17/10/2025

Institute of Physics and Astronomy					
Course ID	Course Type	Course Title			
115281	VU	Fluid Dynamics			
Lecturer		Day and Time	Frequency	Room	Start
Achim Feldmeier		Tuesday 19:15	bi-weekly	2.28 2.080	14/10/2025
Achim Feldmeier		Wednesday 10:15	weekly	2.28 2.080	15/10/2025
Achim Feldmeier		Wednesday 19:15	weekly	2.28 2.080	15/10/2025
Course ID	Course Type	Course Title			
115362	S	Staying up-to-date: recent developments in astrophysics			
Lecturers		Day and Time	Frequency	Room	Start
Tim Dietrich, Rohan Srikanth		Thursday 14:15	weekly	2.28 2.011	16/10/2025
Tim Dietrich, Rohan Srikanth			weekly		
Course ID	Course Type	Course Title			
115383	OS	Research Seminar: Experimental Astroparticle Physics			
Lecturer		Day and Time	Frequency	Room	Start
Kathrin Egberts		Friday 16:15	weekly	2.28 2.011	17/10/2025
Course ID	Course Type	Course Title			
115298	PR	Lab course Astrophysics: Praktikum			
Lecturer		Day and Time	Frequency	Room	Start
Lida Oskinova			weekly		
Lida Oskinova			weekly		
Lida Oskinova			weekly		
Course ID	Course Type	Course Title			
115346	VU	Particle Physics			
Lecturer		Day and Time	Frequency	Room	Start
Kathrin Egberts		Monday 10:15	weekly	2.05 1.12	13/10/2025
Kathrin Egberts		Monday 12:15	bi-weekly	2.05 1.12	13/10/2025
Kathrin Egberts		Monday 12:15	weekly	2.05 1.12	13/10/2025
Course ID	Course Type	Course Title			
115303	VU	Introduction to General Relativity and Cosmology			
Lecturer		Day and Time	Frequency	Room	Start
Martin Wilkens		Monday 16:15	weekly	2.28 0.108	13/10/2025
Martin Wilkens		Friday 16:15	weekly	2.28 0.108	17/10/2025
Martin Wilkens		Friday 17:00	weekly	2.28 0.108	17/10/2025
Course ID	Course Type	Course Title			
115393	V	Radioastronomy			
Lecturer		Day and Time	Frequency	Room	Start
Christian Vocks		Thursday 14:15	weekly	2.24 0.29	16/10/2025
Course ID	Course Type	Course Title			
115282	V	Extrasolar planets and Astrobiology			
Lecturer		Day and Time	Frequency	Room	Start
Werner von Bloh		Tuesday 08:15	weekly	2.28 2.011	14/10/2025

Course ID	Course Type	Course Title			
115236	S	Computational Astrophysics			
Lecturers		Day and Time	Frequency	Room	Start
Christoph Pfrommer, Timon Thomas		Wednesday 14:15	bi-weekly	2.28 2.011	15/10/2025

Course ID	Course Type	Course Title			
115357	V	Natural Philosophy			
Lecturer		Day and Time	Frequency	Room	Start
Achim Feldmeier		Tuesday 14:15	weekly	2.28 2.080	14/10/2025

Course ID	Course Type	Course Title			
115260	S	Astrophysical Seminar/PhD seminar			
Lecturer		Day and Time	Frequency	Room	Start
Philipp Richter		Tuesday 14:15	weekly	2.28 2.011	14/10/2025

Course ID	Course Type	Course Title			
115378	FP	Research training Astrophysics			
Lecturers		Day and Time	Frequency	Room	Start
Philipp Richter, Stephan Geier, Carsten Denker, Achim Feldmeier, Christian Stegmann, Huirong Yan, Matthias Steinmetz, Klaus G. Strassmeier, Lutz Wisotzki, Maria-Rosa Cioni, Christoph Pfrommer, Katja Poppenhäger, Martin Roth, Tim Dietrich, Martin Pohl, Lida Oskinova		Friday 10:00	weekly	2.28 2.011	17/10/2025

Course ID	Course Type	Course Title			
115297	VU	Höhere Theoretische Physik -- Quantenmechanik II			
Lecturers		Day and Time	Frequency	Room	Start
Janet Anders, Karen Hovhannisyan, Sofia Sevitz		Tuesday 12:15	weekly	2.27 0.01	14/10/2025
Janet Anders, Karen Hovhannisyan, Sofia Sevitz		Thursday 14:15	weekly	2.28 0.102	16/10/2025
Janet Anders, Karen Hovhannisyan, Sofia Sevitz		Friday 10:15	weekly	2.28 0.104	17/10/2025
Comment					
Please all subscribe to Group 1, with the Tuesday and Thursday slots. Thanks! Janet Anders Also, please subscribe to the Moodle page: https://moodle2.uni-potsdam.de/course/view.php?id=30915					

Course ID	Course Type	Course Title			
115302	VU	Machine Learning for Physicists			
Lecturer		Day and Time	Frequency	Room	Start
Markus Abel		Monday 10:15	weekly	2.28 0.087	13/10/2025
Markus Abel		Wednesday 14:15	weekly	2.28 0.087	15/10/2025

Course ID	Course Type	Course Title			
115307	VU	Mathematics and Physics for Earth Sciences			
Lecturers		Day and Time	Frequency	Room	Start
Nicolas Da Silva, Katya Dimitrova Petrova		Monday 10:15	weekly	2.05 1.06	13/10/2025
Nicolas Da Silva, Katya Dimitrova Petrova		Monday 11:00	weekly	2.05 1.06	13/10/2025
Sabine Attinger, Nicolas Da Silva		Friday 12:15	weekly	2.05 1.06	17/10/2025

Course ID	Course Type	Course Title			
115310	VU	Höhere Festkörperphysik			
Lecturers		Day and Time	Frequency	Room	Start
Oliver Rader		Thursday 12:15	weekly	2.28 0.104	16/10/2025
Samanwita Biswas, Oliver Rader		Friday 16:15	weekly	2.05 1.12	17/10/2025

Course ID	Course Type	Course Title			
115323	VU	Ice dynamics in Greenland and Antarctica			
Lecturer		Day and Time	Frequency	Room	Start
Hilke Ricarda Winkelmann			Block		
Hilke Ricarda Winkelmann			Block		

Course ID	Course Type	Course Title			
115329	VS	Numerical Relativity: Simulating Black Holes			
Lecturers		Day and Time	Frequency	Room	Start
Tim Dietrich, Rohan Srikanth		Thursday 12:15	weekly	2.28 2.011	16/10/2025
Tim Dietrich, Rohan Srikanth		Thursday 13:00	weekly	2.28 2.011	16/10/2025

Course ID	Course Type	Course Title			
115333	U	Numerical methods (Programming)			
Lecturers		Day and Time	Frequency	Room	Start
Jan Härter, Eloise Moore		Wednesday 10:15	bi-weekly	2.28 0.102	15/10/2025

Course ID	Course Type	Course Title			
115342	VU	Physics of Solar Cells			
Lecturers		Day and Time	Frequency	Room	Start
Felix Lang, Dieter Neher		Tuesday 14:15	weekly	2.28 1.026	14/10/2025
Manasi Pranav Ram		Tuesday 16:15	weekly	2.28 1.026	14/10/2025
Manasi Pranav Ram		Tuesday 16:15	weekly	2.28 1.026	14/10/2025

Course ID	Course Type	Course Title			
115345	OS	Oberseminar Theory of complex and biological systems			
Lecturer		Day and Time	Frequency	Room	Start
Ralf Metzler		Wednesday 14:15	single event	2.28 2.123	15/10/2025
Ralf Metzler		Friday 14:15	weekly	2.28 2.123	24/10/2025

Course ID	Course Type	Course Title			
115348	OS	Oberseminar Complexity Science			
Lecturer		Day and Time	Frequency	Room	Start
Karoline Wiesner		Wednesday 12:15	weekly	2.28 1.084	15/10/2025

Course ID	Course Type	Course Title			
115353	VU	Interstellar plasma			
Lecturer		Day and Time	Frequency	Room	Start
Huirong Yan		Tuesday 14:15	weekly	2.28 0.104	14/10/2025
Huirong Yan			bi-weekly		

Course ID	Course Type	Course Title			
115358	U	Natural Philosophy			
Lecturer		Day and Time	Frequency	Room	Start
Achim Feldmeier		Thursday 19:15	weekly	2.28 2.080	16/10/2025

Course ID	Course Type	Course Title			
115365	VU	Compact Objects: White Dwarfs, Neutron Stars, and Black Holes			
Lecturers		Day and Time	Frequency	Room	Start
Guilherme Grams		Thursday 08:15	bi-weekly	2.28 0.034	16/10/2025
Tim Dietrich, Guilherme Grams		Thursday 16:15	weekly	2.28 0.104	16/10/2025

Course ID	Course Type	Course Title			
115371	OS	Research Seminar Theoretical Astrophysics			
Lecturer		Day and Time	Frequency	Room	Start
Tim Dietrich		Wednesday 10:15	weekly	2.28 0.034	15/10/2025

Course ID	Course Type	Course Title			
115373	VU	Stars and stellar evolution			
Lecturer		Day and Time	Frequency	Room	Start
Carsten Denker		Wednesday 10:15	weekly	2.28 2.011	15/10/2025
Carsten Denker		Wednesday 12:15	bi-weekly	2.28 2.011	22/10/2025
Carsten Denker		Wednesday 16:15	bi-weekly	2.28 2.011	22/10/2025

Course ID	Course Type	Course Title			
115380	OS	Research Seminar: Late Stages of Stellar Evolution			
Lecturer		Day and Time	Frequency	Room	Start
Matti Dorsch		Tuesday 12:15	weekly	2.28 2.011	14/10/2025

Course ID	Course Type	Course Title			
115382	OS	Research Seminar: Recent results in theoretical astroparticle physics			
Lecturers		Day and Time	Frequency	Room	Start
Martin Pohl, Robert Brose		Monday 14:15	weekly	2.28 2.080	13/10/2025

Course ID	Course Type	Course Title			
115384	OS	Research Seminar: Plasma Astrophysics			
Lecturer		Day and Time	Frequency	Room	Start
Huirong Yan		Thursday 16:15	weekly	2.24 0.29	16/10/2025

Course ID	Course Type	Course Title			
115387	FP	Research Training "Quantentheorie"			
Lecturers		Day and Time	Frequency	Room	Start
Janet Anders, Karen Hovhannisyan		Wednesday 16:15	weekly	2.28 2.080	15/10/2025

Course ID	Course Type	Course Title			
115388	V	Software Tools for Astronomers			
Lecturers		Day and Time	Frequency	Room	Start
Martin Wendt, Philipp Richter		Friday 10:15	weekly	2.28 0.087	17/10/2025

Course ID	Course Type	Course Title			
115390	VS	Multimessenger Astrophysics: Overview and Basics			
Lecturers		Day and Time	Frequency	Room	Start
Tim Dietrich, Guilherme Grams		Tuesday 10:15	weekly	2.28 1.026	14/10/2025
Tim Dietrich, Guilherme Grams		Tuesday 11:00	weekly	2.28 1.026	14/10/2025

Course ID	Course Type	Course Title			
115392	VU	Nonlinear dynamics			
Lecturer		Day and Time	Frequency	Room	Start
Oleh Omelchenko		Monday 10:15	weekly	2.28 2.123	13/10/2025
Oleh Omelchenko		Monday 12:15	weekly	2.28 2.123	13/10/2025
Oleh Omelchenko		Monday 12:15	weekly	2.28 2.123	13/10/2025

Course ID	Course Type	Course Title			
115403	VS	High-redshift galaxies			
Lecturer		Day and Time	Frequency	Room	Start
Lutz Wisotzki		Friday 14:15	weekly	2.28 2.011	17/10/2025
Lutz Wisotzki		Friday 15:00	weekly	2.28 2.011	17/10/2025

Course ID	Course Type	Course Title			
117541	VS	Strong Gravity: From Theory to Observations			
Lecturer		Day and Time	Frequency	Room	Start
Sebastian Völkel		Wednesday 08:15	weekly	2.28 2.011	15/10/2025
Sebastian Völkel		Wednesday 09:00	weekly	2.28 2.011	15/10/2025

Course ID	Course Type	Course Title			
115235	V	Astronomical Spectroscopy			
Lecturer		Day and Time	Frequency	Room	Start
Lida Oskinova		Thursday 16:15	weekly	2.28 2.011	16/10/2025

Course ID	Course Type	Course Title			
117755	VS	Cosmic Magnetic Fields			
Lecturer		Day and Time	Frequency	Room	Start
Oliver Lothar Gressel		Thursday 08:15	weekly	2.28 2.011	16/10/2025
Oliver Lothar Gressel		Thursday 09:00	weekly	2.28 2.011	16/10/2025

Course ID	Course Type	Course Title			
115241	VU	Dynamics of the climate system			
Lecturer		Day and Time	Frequency	Room	Start
Anders Levermann			Block		
Anders Levermann			Block		

Course ID	Course Type	Course Title			
115242	V	Science Communication for Astrophysics			
Lecturers		Day and Time	Frequency	Room	Start
Tim Dietrich, Natalie Sarah Williams		Tuesday 12:15	weekly	2.28 0.034	14/10/2025

Course ID	Course Type	Course Title			
115244	S	Colloquium on Complex and Biological Systems			
Lecturers		Day and Time	Frequency	Room	Start
Carsten Beta, Ralf Metzler, Karoline Wiesner		Friday 10:15	weekly	2.28 0.108	17/10/2025

Course ID	Course Type	Course Title			
115259	S	Astrophysical Seminar for Master of Science Astrophysics			
Lecturer		Day and Time	Frequency	Room	Start
Philipp Richter		Tuesday 16:15	weekly	2.28 2.011	14/10/2025

Course ID	Course Type	Course Title			
115261	VU	Atmospheric chemistry and the ozone layer			
Lecturer		Day and Time	Frequency	Room	Start
Markus Rex			Block		
Markus Rex			Block		
Markus Rex			Block		

Course ID	Course Type	Course Title			
115264	VU	Advanced Computational Astrophysics: Concepts and Applications			
Lecturers		Day and Time	Frequency	Room	Start
Oliver Lothar Gressel, Christoph Pfrommer		Wednesday 08:15	bi-weekly	2.28 0.087	15/10/2025
Christoph Pfrommer, Oliver Lothar Gressel		Thursday 10:15	weekly	2.28 0.102	16/10/2025

Course ID	Course Type	Course Title			
115270	VU	Experimentalphysik V: Molekülphysik			
Lecturers		Day and Time	Frequency	Room	Start
Oliver Henneberg, Dieter Neher		Wednesday 14:15	weekly	2.27 0.01	15/10/2025
Wouter Koopman		Thursday 08:15	weekly	2.28 0.102	16/10/2025
Wouter Koopman		Thursday 09:00	weekly	2.28 0.102	16/10/2025

Course ID	Course Type	Course Title			
115271	PR	Einführungsprojekt Oberflächenkräfte			
Lecturer		Day and Time	Frequency	Room	Start
Svetlana Santer			weekly		

Course ID	Course Type	Course Title			
115289	V	The Hubble Tension			
Lecturers		Day and Time	Frequency	Room	Start
Matthias Steinmetz, Marica Valentini		Tuesday 10:15	weekly	2.28 2.011	14/10/2025

Course ID	Course Type	Course Title			
115293	KU	Kurs zu Computational Physics (Methoden der Höheren Physik)			
Lecturers		Day and Time	Frequency	Room	Start
Nicolas Da Silva, Jan Härter		Friday 09:00	weekly	2.05 1.12	17/10/2025

Course ID	Course Type	Course Title			
115294	PJ	Introductory Project Astrophysics			
Lecturers		Day and Time	Frequency	Room	Start
Philipp Richter, Stephan Geier, Carsten Denker, Achim Feldmeier, Martin Pohl, Christian Stegmann, Matthias Steinmetz, Klaus G. Strassmeier, Martin Roth, Christoph Pfrommer, Maria-Rosa Cioni, Katja Poppenhäger, Huirong Yan, Lutz Wisotzki, Tim Dietrich, Lida Oskinova		Monday 16:00	weekly	2.28 2.011	13/10/2025

Institute of Chemistry					
Course ID	Course Type	Course Title			
116576	PR	Materials and Interfaces - Lab Course			
Lecturers		Day and Time	Frequency	Room	Start
Ilko Bald, Henrike Müller-Werkmeister, N.N., Helmut Schlaad, Andreas Taubert		Monday 09:00	Block	2.26 1.25/26	23/02/2026
Course ID	Course Type	Course Title			
116577	S	Solid State Syntheses and Advanced Characterization			
Lecturers		Day and Time	Frequency	Room	Start
Ilko Bald, Judith Schicks, Andreas Taubert		Thursday 12:15	weekly	2.25 F0.15	16/10/2025
Ilko Bald, Judith Schicks, Andreas Taubert		Friday 12:15	weekly	2.25 D1.02	17/10/2025
Course ID	Course Type	Course Title			
116623	S	Advanced Bioinorganic Chemistry			
Lecturer		Day and Time	Frequency	Room	Start
Nora Kulak		Monday 10:15	weekly	N N.	13/10/2025
Nora Kulak		Monday 12:00	weekly	N N.	13/10/2025
Course ID	Course Type	Course Title			
116624	PR	Advanced Bioinorganic Chemistry (Lab Course)			
Lecturer		Day and Time	Frequency	Room	Start
Nora Kulak			Block		
Course ID	Course Type	Course Title			
116695	AG	Advanced Topics in Ultrafast Spectroscopy			
Lecturer		Day and Time	Frequency	Room	Start
Henrike Müller-Werkmeister			weekly		
Course ID	Course Type	Course Title			
116698	AG	Aktuelle Fragen der Photochemie			
Lecturer		Day and Time	Frequency	Room	Start
Michael Kumke		Thursday 10:00	weekly	N N.	16/10/2025
Course ID	Course Type	Course Title			
116702	S1	Seminar/Praktikum zum Vertiefungsfach Physikalische Chemie (BWP)			
Lecturers		Day and Time	Frequency	Room	Start
Michael Kumke, Henrike Müller-Werkmeister			weekly		
Michael Kumke, Henrike Müller-Werkmeister			weekly		
Course ID	Course Type	Course Title			
116704	V	Biorefinery to Green Polymers			
Lecturer		Day and Time	Frequency	Room	Start
Helmut Schlaad		Wednesday 16:15	weekly	2.25 B1.01	15/10/2025

Course ID	Course Type	Course Title			
116708	S	Functional Polymer Systems			
Lecturers		Day and Time	Frequency	Room	Start
Alexander Böker, Matthias Hartlieb, Helmut Schlaad		Wednesday 14:15	weekly	2.25 F0.15	15/10/2025
Alexander Böker, Matthias Hartlieb, Helmut Schlaad		Friday 14:15	weekly	2.25 D1.02	17/10/2025
Course ID	Course Type	Course Title			
116709	V	Polymer Syntheses			
Lecturer		Day and Time	Frequency	Room	Start
Helmut Schlaad		Monday 14:15	weekly	2.28 0.108	13/10/2025
Course ID	Course Type	Course Title			
116710	V	Analytical Methods			
Lecturer		Day and Time	Frequency	Room	Start
Alexander Böker		Monday 08:15	weekly	2.25 F0.01	13/10/2025
Course ID	Course Type	Course Title			
116711	S	Materials and Interfaces - Polymers			
Lecturers		Day and Time	Frequency	Room	Start
Alexander Böker, Helmut Schlaad		Wednesday 08:15	weekly	2.25 B1.01	15/10/2025
Course ID	Course Type	Course Title			
116714	VS	Vertiefungsfach Kolloidchemie - Modern Aspects of Colloid Science			
Lecturer		Day and Time	Frequency	Room	Start
Ilko Bald		Friday 14:15	weekly	2.25 B1.01	17/10/2025
Ilko Bald			Block		
Course ID	Course Type	Course Title			
116715	VS	Light and Matter			
Lecturers		Day and Time	Frequency	Room	Start
Ilko Bald, Peter Saalfrank		Tuesday 12:15	weekly	2.25 F0.15	14/10/2025
Ilko Bald, Peter Saalfrank		Tuesday 13:15	weekly	2.25 F0.15	14/10/2025
Ilko Bald, Peter Saalfrank		Wednesday 12:15	weekly	2.25 F0.15	15/10/2025
Course ID	Course Type	Course Title			
116716	VS	Materials and Interfaces - Solid State Systems			
Lecturers		Day and Time	Frequency	Room	Start
Ilko Bald, Peter Saalfrank		Tuesday 08:15	weekly	2.25 F1.01	14/10/2025
Ilko Bald, Peter Saalfrank		Wednesday 10:00	weekly	2.25 F0.15	15/10/2025
Ilko Bald, Peter Saalfrank		Friday 08:15	weekly	2.25 F1.01	17/10/2025
Course ID	Course Type	Course Title			
116727	VS	Quantum Chemistry			
Lecturers		Day and Time	Frequency	Room	Start
Tillmann Klamroth		Wednesday 16:15	weekly	2.25 D1.02	15/10/2025
Tillmann Klamroth, Peter Saalfrank		Thursday 08:15	weekly	2.25 F0.15	16/10/2025
N.N., Peter Saalfrank		Thursday 14:15	weekly	2.25 D2.01	16/10/2025

Institute of Biochemistry and Biology					
Course ID	Course Type	Course Title			
115687	PR	Specialisation module: Methods in Conservation Genetics			
Lecturer		Day and Time	Frequency	Room	Start
Jörns Fickel			Block		
Course ID	Course Type	Course Title			
115827	FP	Pflanzlicher Primärstoffwechsel			
Lecturer		Day and Time	Frequency	Room	Start
Jörg Fettke			Block		
Comment					
6-week practical					
Course ID	Course Type	Course Title			
115830	PR	Advanced Research Practical Biopolymeranalytics			
Lecturer		Day and Time	Frequency	Room	Start
Jörg Fettke			Block		
Comment					
Blockveranstaltung, Termin nach Vereinbarung(fettke@uni-potsdam.de) Ort: 2.20					
Course ID	Course Type	Course Title			
115831	B	Current Aspects of Plant Metabolism			
Lecturer		Day and Time	Frequency	Room	Start
Jörg Fettke			Block		
Comment					
Termin nach Vereinbarung(fettke@uni-potsdam.de)					
Course ID	Course Type	Course Title			
115835	PR	Cellular Signal Transduction 6-week practical			
Lecturers		Day and Time	Frequency	Room	Start
Gaby-Fleur Böl, Francisco Garcia, Meriem Ouni			Block		
Course ID	Course Type	Course Title			
115836	V	Cellular Signal Transduction			
Lecturers		Day and Time	Frequency	Room	Start
Gaby-Fleur Böl, Francisco Garcia, Meriem Ouni		Thursday 16:15	weekly	2.25 B0.01	16/10/2025
Comment					
The corresponding seminar takes place during summer term. For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course. For the 8LP Modules (WM4,5,6) 2-week practicals are offered.					
Course ID	Course Type	Course Title			
115837	PR	Specialisation module: Modelling in Plant Ecology and Nature Conservation			
Lecturer		Day and Time	Frequency	Room	Start
Florian Jeltsch			Block		
Comment					
Requires individual arrangement. Please conatct Prof. Jeltsch.					
Course ID	Course Type	Course Title			
115838	OS	Group seminar - Current research in plant ecology and conservation biology			
Lecturer		Day and Time	Frequency	Room	Start
Florian Jeltsch		Monday 14:15	bi-weekly	N N. (AG Räume)	13/10/2025
Comment					
Please note: this seminar will take place every second Monday, alternating with the joint ecological colloqium of all ecology groups. Location: working group Plant Ecology and Conservation Biology, Zeppelinstrasse 48a.					

Remark					
Every second Monday at 2:15 p.m.					
Course ID	Course Type	Course Title			
115839	V	Plant Ecology			
Lecturer		Day and Time	Frequency	Room	Start
Florian Jeltsch		Tuesday 12:15	weekly	5.03 1.04	14/10/2025
Comment					
Please note: In addition to this lecture the EEC Module Plant Ecology requires the additional block course 'Population biology of plants' that takes place in the summer semester.					
Remark					
Students registered in PULS will be informed about possible updates before the lecture starts.					
Course ID	Course Type	Course Title			
115842	VU	Regional and applied nature conservation			
Lecturer		Day and Time	Frequency	Room	Start
Florian Jeltsch		Monday 08:15	weekly	5.02 1.01	13/10/2025
Florian Jeltsch			Block		
Comment					
Knowledge in German language will most likely be required for most (but not all) internships! Please note: because of the high number of presentations from successful earlier internships we will have 4 initial lecture dates: 13.10., 20.10., 27.10., and 3.11. Please note: the four initial lecture dates and the presentation workshop (beginning of next semester) are obligatory for this module!					
Remark					
MS-EEC module Regional and Applied Nature Conservation 4 intro lecture dates at semester start + external internship + final presentation seminar; can extend into summer semester 2026					
Course ID	Course Type	Course Title			
115844	PR	Specialisation module: Methods in Conservation Biology			
Lecturer		Day and Time	Frequency	Room	Start
Florian Jeltsch			Block		
Comment					
Requires individual arrangement. Please contact Prof. Jeltsch, Dr. Blaum or Dr. Bergholz.					
Course ID	Course Type	Course Title			
115845	VU	Ecological Modelling with Computer Simulations			
Lecturers		Day and Time	Frequency	Room	Start
Volker Grimm, Florian Jeltsch		Wednesday 14:30	weekly	N N. (AG Räume)	15/10/2025
Florian Jeltsch			Block		
Comment					
MS-EEC course packet: Ecol.Modeling with Computer Simulations (1 st and 2 nd part in winter semester). 2 SWS during the lecture period of the current semester plus a one-week block course (09.-13.03.2026)) during the lecture-free period. Maximum number of participants: 8					
Requirement					
No prerequisite, but some experience in the field of computer programming is an advantage					
Course ID	Course Type	Course Title			
116042	S	Forschungsseminar - Current Research in Evolutionary Biology			
Lecturers		Day and Time	Frequency	Room	Start
Ralph Tiedemann, Kirsten Boysen, Feng Cheng, Marisol Dominguez, Maxi Tomowski		Friday 09:00	weekly	N N. (AG Räume)	17/10/2025

Course ID	Course Type	Course Title			
116048	U	Molecular Population Genetics			
Lecturers		Day and Time	Frequency	Room	Start
Feng Cheng, Marisol Dominguez, Maxi Tomowski			Block		
Remark					
Blockveranstaltung vom 2.-13. März 2026, ganztägig.					

Course ID	Course Type	Course Title			
116049	V	Molecular Population Genetics			
Lecturers		Day and Time	Frequency	Room	Start
Marisol Dominguez, Maxi Tomowski		Tuesday 12:15	weekly	N N. (AG Räume)	14/10/2025

Course ID	Course Type	Course Title			
116059	V	State of the Art Evolutionary Biology			
Lecturers		Day and Time	Frequency	Room	Start
Jana Eccard, Michael Hofreiter, Anja Linstädter, Ralph Tiedemann		Monday 12:15	weekly	5.03 1.04	13/10/2025

Course ID	Course Type	Course Title			
116062	S	How much conservation is needed in evolution?			
Lecturer		Day and Time	Frequency	Room	Start
Marisol Dominguez		Tuesday 13:15	weekly	N N. (AG Räume)	14/10/2025

Course ID	Course Type	Course Title			
116064	KL	Evolutionsbiologisches / Genetisches Kolloquium			
Lecturers		Day and Time	Frequency	Room	Start
Ralph Tiedemann, Michael Lenhard, Michael Hofreiter, Marisol Dominguez		Monday 16:00	weekly	2.25 B0.01	13/10/2025

Course ID	Course Type	Course Title			
116065	B	Advanced Research Practical - Evolutionary Biology			
Lecturers		Day and Time	Frequency	Room	Start
Ralph Tiedemann, Kirsten Boysen, Feng Cheng, Marisol Dominguez, Maxi Tomowski			Block		
Remark					
Blockveranstaltung, Zeit nach Vereinbarung.					

Course ID	Course Type	Course Title			
116166	PR	Advanced Research Practical Enzymology			
Lecturer		Day and Time	Frequency	Room	Start
Silke Leimkühler			Block		

Course ID	Course Type	Course Title			
116194	VU	Bioinformatics of Biological Sequences / Evolutionary Genomics			
Lecturer		Day and Time	Frequency	Room	Start
Stefanie Hartmann		Tuesday 08:15	weekly	2.70 0.11	14/10/2025
Stefanie Hartmann		Tuesday 10:15	weekly	2.70 0.01	14/10/2025

Comment
This course does not have an online option, you will need to be present for the lectures and computer labs. For the computer labs of this course, you will need an account on the university's HPC cluster. This account is tied to your university account, so you can only apply for the cluster account once you are enrolled and have your university ID. Please generate and activate your ssh key-pair as described here: https://docs.hpc.uni-potsdam.de/overview/getting_access.html (Note: this site is only available from within the university's network. From anywhere and to get started, see https://www.uni-potsdam.de/de/zim/angebote-loesungen/hpc). Please accept the default names for the keys (i.e., id_ed25519 and id_ed25519.pub)! Copy the key-pair to a USB flash drive and bring it to the first computer lab. Note: the USB drive with your ssh keys, the folder(s) in which you're storing them, and the files of the keys should not have spaces in them. Special symbols and umlauts are a bad idea as well. Please rename files and folders accordingly. To activate your account and join the "seqbioinf" group on the cluster, you'll need a password; this will be announced during the first computer lab.

Course ID	Course Type	Course Title			
116219	PR	Cryo Electron Microscopy in Structural Biology - 6 week practical			
Lecturers		Day and Time	Frequency	Room	Start
Petra Wendler, Jakob Ruickoldt, Thomas Bick			Block		

Comment
This course should be combined with the lecture and seminar "Cryo Electron Microscopy in Strcutural biology" to obtain 11 CP. Content of lecture and seminar: Structual biology is the study of how biological molecules are built. Only if we know their structure, we can deduce important information on their function, their assembly and their ability to interact. Cryo electron microscopy has revolutionised structural biology in the recent years (https://www.nature.com/articles/d41586-020-00341-9) The course covers theory and advanced image analysis techniques in transmission electron microscopy (TEM). In the lecture the following topics are explained: - buildup of a TEM, electron guns, holders and detectors - theory of diffraction, image formation, how electrons interact with material; contrast transfer function - theory behind high resolution cryo TEM - sample preparation and image acquisition in (single particle) TEM - 2D and 3D image analysis - point group symmetries - refinement and validation of 3D reconstructions - visualisation and interpretation of TEM results During the seminar the students will analyse current TEM results from subject-specific English literature, summarize the key aspects of the work and discuss the research outcome critically. The practical course will cover hands-on practical work on the transmission electron microscope as well as single-particle image processing of a high-resolution cryo EM data set. The TEM work will include - negative staining of a protein complex - loading of the grid into the NS holder - setting up a negative stain data collection in the data acquisition software - freezing of a cryo EM grid - demonstration of the entire cryo EM workflow The image processing will be undertaken on the teaching server of the IBB using the computer pools in building 25 (Campus Golm). Students will learn how to work with the linux based server system and the EM processing software Relion. Students will learn how to assess the quality of the data and how to get from individual images to a high-resolution 3D model of the protein complex. Learning outcomes: 1. Subject-specific competences: At the end of the course the students will have learned and understood the underlying theory in transmission electron microscopy and single particle image analysis. They will be able to identify suitable TEM applications to a biological question and will have gained insight into the current state of the art in cryo electron microscopy. They will also have analysed the structure and function of diverse biological complexes. 2. Methods-specific competences: The students learn to interpret, analyse and present results derived from subject-specific, English literature. They will also learn how to prepare a TEM sample, how to operate a TEM, how to analyse TEM images and how to interpret TEM data. 3. Action competence: The students present and defend scientific work in a public seminar using suitable presentation media. The students learn to work in a team, give constructive feedback and assess each other in a public seminar. When participating in the practical course students will learn to collect and assess scientific data. Furthermore they will summarize experimental data in a detailed protocol and evaluate their results.

Course ID	Course Type	Course Title			
116221	PR	Advanced Research Practical Biochemistry			
Lecturer		Day and Time	Frequency	Room	Start
Petra Wendler			Block		

Course ID	Course Type	Course Title			
116223	PR	Cryo Electron Microscopy in Structural Biology - practical			
Lecturers		Day and Time	Frequency	Room	Start
Petra Wendler, Jakob Ruickoldt, Thomas Bick		Tuesday 12:30	weekly	2.25 D0.02	14/10/2025

Comment
This course should be combined with the lecture and seminar "Cryo Electron Microscopy in Strcutural biology" to obtain 8 CP. Content of lecture and seminar: Structual biology is the study of how biological molecules are built. Only if we know their structure, we can deduce important information on their function, their assembly and their ability to interact. Cryo electron microscopy has revolutionised structural biology in the recent years (https://www.nature.com/articles/d41586-020-00341-9) The course covers theory and advanced image analysis techniques in transmission electron microscopy (TEM). In the lecture the following topics are explained: - buildup of a TEM, electron guns, holders and detectors - theory of diffraction, image formation, how electrons interact with material; contrast transfer function - theory behind high resolution cryo TEM - sample preparation and image acquisition in (single particle) TEM - 2D and 3D image analysis - point group symmetries - refinement and validation of 3D reconstructions - visualisation and interpretation of TEM results During the seminar the students will analyse current TEM results from subject-specific English literature, summarize the key aspects of the work and discuss the research outcome critically. The practical course will cover hands-on practical work on the transmission electron microscope as well as single-particle image processing of a high-resolution cryo EM data set. The TEM work will include - negative staining of a protein complex - loading of the grid into the NS holder - setting up a negative stain data collection in the data acquisition software - freezing of a cryo EM grid - demonstration of the entire cryo EM workflow The image processing will be undertaken on the teaching server of the IBB using the computer pools in building 25 (Campus Golm). Students will learn how to work with the linux based server system and the EM processing software Relion. Students will learn how to assess the quality of the data and how to get from individual images to a high-resolution 3D model of the protein complex. Learning outcomes: 1. Subject-specific competences: At the end of the course the students will have learned and understood the underlying theory in transmission electron microscopy and single particle image analysis. They will be able to identify suitable TEM applications to a biological question and will have gained insight into the current state of the art in cryo electron microscopy. They will also have analysed the structure and function of diverse biological complexes. 2. Methods-specific competences: The students learn to interpret, analyse and present results derived from subject-specific, English literature. They will also learn how to prepare a TEM sample, how to operate a TEM, how to analyse TEM images and how to interpret TEM data. 3. Action competence: The students present and defend scientific work in a public seminar using suitable presentation media. The students learn to work in a team, give constructive feedback and assess each other in a public seminar. When participating in the practical course students will learn to collect and assess scientific data. Furthermore they will summarize experimental data in a detailed protocol and evaluate their results.

Course ID	Course Type	Course Title			
116224	VS	Cryo Electron Microscopy in Structural Biology			
Lecturer		Day and Time	Frequency	Room	Start
Petra Wendler		Monday 08:15	weekly	2.25 B2.01	13/10/2025
Petra Wendler		Monday 10:15	weekly	2.25 B2.01	13/10/2025

Comment
Content: Structual biology is the study of how biological molecules are built. Only if we know their structure, we can deduce important information on their function, their assembly and their ability to interact. Cryo electron microscopy has revolutionised structural biology in the recent years (https://www.nature.com/articles/d41586-020-00341-9) The course covers theory and advanced image analysis techniques in transmission electron microscopy (TEM). In the lecture the following topics are explained: - buildup of a TEM, electron guns, holders and detectors - theory of diffraction, image formation, how electrons interact with material; contrast transfer function - theory behind high resolution cryo TEM - sample preparation and image acquisition in (single particle) TEM - 2D and 3D image analysis - point group symmetries - refinement and validation of 3D reconstructions - visualisation and interpretation of TEM results During the seminar the students will analyse current TEM results from subject-specific English literature, summarize the key aspects of the work and discuss the research outcome critically. The practical course will cover hands-on practical work on the transmission electron microscope as well as single-particle image processing of a high-resolution cryo EM data set. The TEM work will include - negative staining of a protein complex - loading of the grid into the NS holder - setting up a negative stain data collection in the data acquisition software - freezing of a cryo EM grid - demonstration of the entire cryo EM workflow The image processing will be undertaken on the teaching server of the IBB using the computer pools in building 25 (Campus Golm). Students will learn how to work with the linux based server system and the EM processing software Relion. Students will learn how to assess the quality of the data and how to get from individual images to a high-resolution 3D model of the protein complex. Learning outcomes: 1. Subject-specific competences: At the end of the course the students will have learned and understood the underlying theory in transmission electron microscopy and single particle image analysis. They will be able to identify suitable TEM applications to a biological question and will have gained insight into the current state of the art in cryo electron microscopy. They will also have analysed the structure and function of diverse biological complexes. 2. Methods-specific competences: The students learn to interpret, analyse and present results derived from subject-specific, English literature. They will also learn how to prepare a TEM sample, how to operate a TEM, how to analyse TEM images and how to interpret TEM data. 3. Action competence: The students present and defend scientific work in a public seminar using suitable presentation media. The students learn to work in a team, give constructive feedback and assess each other in a public seminar. When participating in the practical course students will learn to collect and assess scientific data. Furthermore they will summarize experimental data in a detailed protocol and evaluate their results. This course can be taken as a 6CP, 8CP or 11CP module: 6CP: Lecture and seminar 8CP: Lecture, seminar and 2 week practical course 11CP: Lecture seminar and 6 week practical course Moodle Page: https://moodle2.uni-potsdam.de/course/view.php?id=18544
Literature
The course will go through the online resources on the Caltech webpage: http://cryo-em-course.caltech.edu/ videos interesting review articles: https://www.sciencedirect.com/science/article/pii/S0304416517302374 https://dasher.wustl.edu/bio5357/readings/molcell-58-677-15.pdf interesting short youtube videos: https://www.youtube.com/watch?v=BJKkC0W-6Qk https://www.youtube.com/watch?v=026rzTXb1zw&t=16s https://www.youtube.com/watch?v=Qq8DO-4BnIY

Course ID	Course Type	Course Title			
116225	RV	Ringvorlesungen - Kernmodul - State Of The Art			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Katja Arndt, Salvatore Chiantia, Elke Dittmann-Thünemann, Silke Leimkühler, Petra Wendler		Wednesday 16:15	weekly	2.25 F0.01	15/10/2025
Isabel Bäurle, Michael Lenhard, George Soultoukis		Thursday 14:15	weekly	2.25 F0.01	16/10/2025
Jörg Fettke, Ralph Gräf, Markus Grebe, Michael Sauer, Salim Seyfried		Friday 14:15	weekly	2.25 F0.01	17/10/2025

Course ID	Course Type	Course Title			
116238	PR	Advanced Research Practical Plant Genetics			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Michael Lenhard			Block		

Course ID	Course Type	Course Title			
116241	VS	Presentation skills for life scientists			
Lecturers		Day and Time	Frequency	Room	Start
Michael Lenhard		Friday 08:15	weekly	2.25 B0.01	17/10/2025
Isabel Bäurle, Michael Lenhard		Friday 10:15	weekly	2.25 B0.01	17/10/2025

Course ID	Course Type	Course Title			
116242	VS	Current Problems and Modern Methods in Plant Genetics and Epigenetics			
Lecturers		Day and Time	Frequency	Room	Start
Michael Lenhard, Isabel Bäurle, Tim Crawford, Duarte Dionisio Figueiredo, Antoine Nicolas		Tuesday 08:15	weekly	2.25 B0.01	14/10/2025
Michael Lenhard, Isabel Bäurle, Tim Crawford, Duarte Dionisio Figueiredo, Antoine Nicolas		Tuesday 10:15	weekly	2.25 B0.01	14/10/2025
Comment					
2-week research practical are offered as part of the 8-LP Wahlpflichtmodule; date to be agreed on					

Course ID	Course Type	Course Title			
116243	PR	Current Problems and Modern Methods in Plant Genetics and Epigenetics - 6-week practical			
Lecturers		Day and Time	Frequency	Room	Start
Michael Lenhard, Isabel Bäurle, Tim Crawford, Duarte Dionisio Figueiredo, Antoine Nicolas			Block		
Comment					
6-week research practical as part of the Richtungsmodul; date to be agreed on					

Course ID	Course Type	Course Title			
116245	VS	Current Aspects of Plant Physiology			
Lecturers		Day and Time	Frequency	Room	Start
Michael Lenhard, Ivan Acosta, Fayezeh Arabi, Marion Clavel, Daniel Dunkelmann, Duarte Dionisio Figueiredo, Joachim Forner, Yang Gao, Enrique Gonzalez Duran, Matthijs Hölscher, Marco Incarbone, Claudia Köhler, Joachim Kopka, Riikka Maekilae, Leah Rosental, Arun Sampathkumar		Thursday 09:15	weekly	N N. (extern)	16/10/2025
Michael Lenhard, Riikka Maekilae, Ivan Acosta, Fayezeh Arabi, Marion Clavel, Daniel Dunkelmann, Duarte Dionisio Figueiredo, Joachim Forner, Yang Gao, Enrique Gonzalez Duran, Matthijs Hölscher, Marco Incarbone, Claudia Köhler, Joachim Kopka,		Thursday 11:00	weekly	N N. (extern)	16/10/2025

Leah Rosental, Arun Sampathkumar				
Comment				
For the 8LP Modules (WM4,5,6) 2-week practicals are offered.				

Course ID	Course Type	Course Title			
116246	PR	Current Aspects of Plant Physiology - 6-week Practical			
Lecturers		Day and Time	Frequency	Room	Start
Michael Lenhard, Ivan Acosta, Fayezeh Arabi, Marion Clavel, Daniel Dunkelmann, Duarte Dionisio Figueiredo, Joachim Forner, Yang Gao, Enrique Gonzalez Duran, Matthijs Hölscher, Marco Incarbone, Claudia Köhler, Joachim Kopka, Riikka Maekilae, Leah Rosental, Arun Sampathkumar			Block		
Comment					
6-week research project as part of the Richtungsmodul; date to be agreed on with lecturer					

Course ID	Course Type	Course Title			
116250	PR	Advanced Research Practical Epigenetics			
Lecturers		Day and Time	Frequency	Room	Start
Isabel Bäurle, Tim Crawford			Block		

Course ID	Course Type	Course Title			
116251	DF	Bioimage Analysis and Extended Phenotyping			
Lecturer		Day and Time	Frequency	Room	Start
Christian Kappel		Friday 09:15	weekly	2.25 B2.01	17/10/2025
Christian Kappel		Friday 11:00	weekly	2.25 B2.01	17/10/2025
Christian Kappel			Block		
Comment					
1) This will be a hybrid course. Online participation will be via Zoom (Meeting ID: 655 4521 3465; Passcode: 06185980), with exercise sessions included. 2) There will be one week of practical work after the lecture period. We will meet regularly (online or in person) during that time, and you are encouraged to work in groups. Details will be discussed in the first session and later on, if necessary. 3) There is a Moodle.UP course where you will find all materials and discussion forums: https://moodle2.uni-potsdam.de/course/view.php?id=42751 . For the 8LP Modules (WM4,5,6), 2-week practicals are offered. This may be an extension of the practical work or something entirely different. We will discuss this together to find the best fit for you. Please contact christian.kappel@uni-potsdam.de if you have any questions.					

Course ID	Course Type	Course Title			
116252	B	Analysis of high-throughput sequencing data			
Lecturer		Day and Time	Frequency	Room	Start
Christian Kappel		Monday 09:00	Block	2.25 D0.01	23/02/2026
Christian Kappel		Monday 09:00	Block	2.25 D0.02	23/02/2026

Remark
High-Throughput Sequencing (HTS) – Block Course 2026 This block course combines lectures with hands-on exercises and will take place from 23 February to 6 March 2026, daily from 9:00 am to 5:00 pm. The course will be offered in hybrid format: On-site: Computer pools D0.01 and D0.02, House 25, University of Potsdam (Golm Campus) Online: via Zoom (Meeting ID: 686 6154 6081, Passcode: 06444769) Information & Discussion Meetings You are welcome to join any of the following online meetings if you would like to learn more about the course. Attendance is optional. 2 October 2025, 12:00–1:00 pm 14 October 2025, 12:00–1:00 pm 10 November 2025, 12:00–1:00 pm If you cannot attend but would like an additional session, please contact the lecturer. Technical Requirements If you participate online, you will only need a standard PC with internet access. The main tools required are: Web browser Linux terminal (on Windows you may use tools such as PuTTY or MobaXTerm, Home Edition). Some prior familiarity with the Linux command line will be helpful. A good beginner-friendly introduction can be found here: Software Carpentry – The Unix Shell . Background Knowledge A basic understanding of biology is recommended to benefit fully from the course. Attending the Evolutionary Genomics course taught by Stefanie Hartmann is also highly recommended. Further Information A rough course description can be found in the Bioinformatics Module Guide (BIO-MBIW08): PDF link Moodle course page: HTS2026 [LINK] Contact For questions or special arrangements, please contact: christian.kappel@uni-potsdam.de

Course ID	Course Type	Course Title			
116291	B	Terrestrial Palaeoecology			
Lecturers		Day and Time	Frequency	Room	Start
Ulrike Herzschuh, Kathleen Stoof-Leichsenring			Block		
Comment					
Hinweis für GEE: Diese LV deckt das gesamte Modul GEE-M-V13 ab, also Vorlesung+Seminar und Übung. Es muss keine weitere LV belegt werden, um das Modul abschließen zu können.					

Course ID	Course Type	Course Title			
116371	PR	Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies Practical			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116372	VS	Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116373	VU	Biochemistry and Molecular Biology in Practice A			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116374	VU	Biochemistry and Molecular Biology as Reflected in other Sciences A			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116375	V	Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies B Lecture			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116376	S	Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies B Seminar			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116377	VU	Biochemistry and Molecular Biology in Practice B			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116378	VU	Biochemistry and Molecular Biology as Reflected in other Sciences B			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, N.N.			Block		

Course ID	Course Type	Course Title			
116379	FP	6-week practical: Cell Biology Of Centrosomes And The Nuclear Envelope			
Lecturers		Day and Time	Frequency	Room	Start
Ralph Gräf, Marianne Grafe, Irene Meyer			Block		

Course ID	Course Type	Course Title			
116380	VS	Cell Biology for Life Scientists (Lecture plus Seminar)			
Lecturers		Day and Time	Frequency	Room	Start
Ralph Gräf		Monday 16:00	weekly	2.26 0.66	13/10/2025
Ralph Gräf, Marianne Grafe, Irene Meyer		Tuesday 16:00	weekly	2.26 0.53	14/10/2025
Comment					
The contents of the lecture „Cell Biology for Life Scientists” held in English partially overlaps with Zellbiologie (Tiere) (in German, SoSe). Both lectures can be combined with the seminar within our 6 LP, 8 LP, 11 LP elective modules.					
Remark					
Please register for the Moodle courses, all information is spread via Moodle! Lecture: Gräf,R.: Cell Biology for Life Scientists Seminar: Gräf,R.: Wahlpflichtmodul - Zelldynamik und Cytoskelett/Cell Biology of Centrosomes and the Nuclear Envelope					

Course ID	Course Type	Course Title			
116382	V	Cell Biology for Life Scientists (Lecture only)			
Lecturer		Day and Time	Frequency	Room	Start
Ralph Gräf		Monday 16:00	weekly	2.26 0.66	13/10/2025
Comment					
The contents of the lecture „Cell Biology for Life Scientists” held in English partially overlaps with Zellbiologie (Tiere) (in German, SoSe). Both lectures can be combined with the seminar within our 6 LP, 8 LP, 11 LP elective modules.					

Course ID	Course Type	Course Title			
116383	PR	Advanced Research Practical Cell Biology			
Lecturers		Day and Time	Frequency	Room	Start
Irene Meyer			Block		
Marianne Grafe			Block		

Course ID	Course Type	Course Title			
116400	PR	Physiology of Microorganisms - practical			
Lecturers		Day and Time	Frequency	Room	Start
Elke Dittmann-Thünemann, Susanne Liebner			Block		

Course ID	Course Type	Course Title			
116401	VS	Physiology of Microorganisms			
Lecturers		Day and Time	Frequency	Room	Start
Elke Dittmann-Thünemann, Susanne Liebner		Thursday 08:15	weekly	2.25 B2.01	16/10/2025
Elke Dittmann-Thünemann		Thursday 10:15	weekly	2.25 B2.01	16/10/2025

Course ID	Course Type	Course Title			
116404	PR	Advanced Research Practical Microbiology			
Lecturer		Day and Time	Frequency	Room	Start
Elke Dittmann-Thünemann			Block		

Course ID	Course Type	Course Title			
116407	PR	Advanced Research Practical Physical Biochemistry			
Lecturers		Day and Time	Frequency	Room	Start
Salvatore Chiantia, Anja Thalhammer			Block		

Course ID	Course Type	Course Title			
116460	VS	Astrobiology			
Lecturer		Day and Time	Frequency	Room	Start
Jean-Pierre Paul de Vera		Monday 09:00	Block	5.02 1.01	23/02/2026

Comment

Der Kurs richtet sich an alle, die sich für die Biologie und den Weltraum interessieren und gerne in Zukunft in diesem Forschungsfeld aktiv werden wollen. Wer immer schon einmal: die Grenzen des Lebens studieren wollte, die Möglichkeiten des Lebens auf anderen Planeten (oder generell im All) zu überleben oder gar zu leben auch experimentell erfahren wollte und sich auch nicht scheut, in Zukunft neue Weltraumexperimente zu ersinnen, oder die Kombination von Feld-, Labor- und Weltraumforschung kennenlernen möchte, ist in diesem Kurs richtig und kann erste direkte Kontakte auch zum Deutschen Zentrum für Luft- und Raumfahrt (DLR) knüpfen! The course is addressed to all who are interested in Biology and Space Research topics and would like to be active in this research field in future. Who ever wanted to...: study the limits of life know experimentally more about the likelyhood of life to live or survive on other planets (or in space) not be shy to invent new space experiments in future get to know about combining field site studies, lab investigations with space research is ready for this course and could get first contacts also to the German Aerospace Center (DLR).

Requirement

Valid at beginning of 3rd semester / Ab 3. Semester Master Studium der Biologie, Ökologie, Evolution, Naturschutz Vorlesung und Kurs (je 2 SWS) in Astrobiologie Recommended is knowledge on BIOLOGY, GEOMICROBIOLOGY, ECOLOGY, EVOLUTION AND NATURE CONSERVATION e.g. from module MS ÖEN, EEC, GEE,

Literature

Horneck, G. and Rettberg, P. (2007). Complete Course in Astrobiology, WILEY-VCH Rothery, D.A., Gilmour, I., Sephton, M.A. (2011). An Introduction to Astrobiology, Cambridge University Press Irwin, L.N. and Schulze-Makuch, D. (2011). Cosmic Biology, Springer Seckbach, J. (2006). Life as we know it, in Series of "Cellular origin, life in extreme habitats and Astrobiology", Springer de Vera, J.-P., Seckbach, J. (2013). Habitability of other planets and satellites, Springer de Vera, J.-P. (2020). Astrobiology on the International Space Station, Springer Briefs in Space Life Sciences, Springer Cavalazzi, B., Westall, F. (2018). Biosígnatures for Astrobiology, in series Advances in Astrobiology and Biogeophysics, Springer

Remark

Block-Kurs: ASTROBIOLOGY (Lecutre and Afternoon-Course / Vorlesung + Nachmittagskurs) Time / Zeit: 24.02. bis 07.03.2025 09:00 – 12:00, 13:00 – 16:00 Where / Wo: Maulbeerallee, Universität Potsdam Building / Gebäude 5.02.1.01 Final Examen with final Presentation and paper draft /Abschlußprüfung im Rahmen eines Abschlußvortrags und Paper-Draft am letzten Kurstag 08.03.2024 Die Teilnehmeranzahl ist auf maximal 18 + 2 (20) begrenzt.

Learning content
Content Astrobiology: a general overview; habitability of planets from geologic/biologic/ecophysiologic and ecological point of view; guidelines of planetary simulation experiments with microorganisms in the lab; planetary analogue field site experiments in Polar Regions/Deserts/ at high altitudes; space experiments on satellites and the International Space Station (ISS); Planetary Protection; Research on Biosignatures/Bio-Traces; space mission concepts Qualification goals: - Efficient and successful literature research - Team work on a selected astrobiological topic - Oral Presentation and ability to write a paper - develop innovative new ideas for astrobiological experiments (in space, in the lab and in the field) Im Rahmen der Vorlesung: 1.Eine allgemeine Übersicht über das breite Feld der Astrobiologie/Weltraumbiologie 2.Habitabilität von Planeten aus geobiologischer, ökologischer, ökophysiologischer und generell biologischer Sicht 3.Aufbau und Durchführung von Planeten-Simulationsexperimenten mit Mikroorganismen 4.Planeten-analoge Feldstudien im Hochgebirge, in den Wüsten, der Arktis + Antarktis 5.Weltraumexperimente auf Satelliten und der Internationalen Weltraumstation ISS 6.Was versteht man unter „Planetary Protection" 7.Erforschung von Biosignaturen für die Suche nach Leben im All 8.Weltraum-Missionskonzepte Im Rahmen eines am Nachmittag durchgeführten Arbeitskurses: 1.Auswahl von Themen aus der Astrobiologie soll in Gruppen bearbeitet werden 2.Vorbereitung eines abschließenden Vortrags, der am letzten Kurstag vorgetragen werden soll 3.Besuch der Marssimulationskammer und des Raman-Biosignaturen Labors im Institut für Planetenforschung am Zentrum für Deutsche Luft- und Raumfahrt (DLR) in Adlershof Berlin

Course ID	Course Type	Course Title			
116467	OS	Current topics of Animal Ecology and Human Biology			
Lecturers		Day and Time	Frequency	Room	Start
Jana Eccard, Christiane Scheffler, Jonas Stiegler		Monday 14:15	weekly	5.03 2.02	13/10/2025
Remark					
The seminar takes place three mondays a months, the last monday of the months it will be replaced the "Ecological Colloquium"					

Course ID	Course Type	Course Title			
116468	VS	Behavioural ecology			
Lecturers		Day and Time	Frequency	Room	Start
Jana Eccard, Christiane Scheffler, Jonas Stiegler		Monday 14:15	weekly	5.03 2.02	13/10/2025
Jana Eccard, Jonas Stiegler			Block		
Comment					
The seminar takes place three mondays a months, the last monday it will be replaced the "Ecological Colloquium"					

Course ID	Course Type	Course Title			
116475	VU	Humanethology			
Lecturer		Day and Time	Frequency	Room	Start
Christiane Scheffler			weekly		

Course ID	Course Type	Course Title			
116476	FP	Animal Ecology (Advanced modul)			
Lecturers		Day and Time	Frequency	Room	Start
Jana Eccard, Jonas Stiegler			Block		
Comment					
By arrangement, Visit of LV Scientific work in Animal Ecology and Human Biology mandator.					

Course ID	Course Type	Course Title			
116526	PR	Spezialisation module: Arid Zone Research			
Lecturer		Day and Time	Frequency	Room	Start
Niels Blaum			Block		
Comment					
The specialisation module can take place after individual consultaiton via E-mail. Please contact Nies Blaum.					

Course ID	Course Type	Course Title			
116538	EX	Tagesexkursionen			
Lecturer		Day and Time	Frequency	Room	Start
N.N.			single event		

Course ID	Course Type	Course Title			
116559	PR	Geobotany			
Lecturer		Day and Time	Frequency	Room	Start
Thilo Heinken			Block		

Course ID	Course Type	Course Title			
116564	PR	Animal Models in Developmental Biology and Cell Physiology - P			
Lecturers		Day and Time	Frequency	Room	Start
Salim Seyfried, Claudia Rödel, Payel Chatterjee, Juliane Münch			Block		

Course ID	Course Type	Course Title			
116565	VS	Animal Models in Developmental Biology and Cell Physiology			
Lecturers		Day and Time	Frequency	Room	Start
Salim Seyfried, Claudia Rödel, Payel Chatterjee, Juliane Münch		Thursday 10:15	weekly	N N. (AG Räume)	16/10/2025
Salim Seyfried, Claudia Rödel, Payel Chatterjee, Juliane Münch		Thursday 12:15	weekly	N N. (AG Räume)	16/10/2025

Course ID	Course Type	Course Title			
116566	AG	Aktuelle Probleme der Tierphysiologie			
Lecturer		Day and Time	Frequency	Room	Start
Salim Seyfried		Monday 10:00	weekly	2.26 0.53	13/10/2025
Comment					
Für Doktoranden, Masterkandidaten, Bachelorkandidaten und Mitarbeiter der AG Zoophysiologie					

Course ID	Course Type	Course Title			
116568	PR	Advanced Research Practical Animal Physiology			
Lecturers		Day and Time	Frequency	Room	Start
Salim Seyfried, Claudia Rödel, N.N.			Block		

Course ID	Course Type	Course Title			
116571	V	Molecular Biotechnology and Advanced Immunology			
Lecturers		Day and Time	Frequency	Room	Start
Olaf Behrsing		Wednesday 08:15	weekly	2.25 F0.01	15/10/2025
Katja Arndt		Thursday 12:15	weekly	2.28 0.108	16/10/2025
Comment					
Unterrichtssprache Englisch					

Course ID	Course Type	Course Title			
116573	S	Immuntechnologie			
Lecturer		Day and Time	Frequency	Room	Start
Olaf Behrsing		Friday 12:15	bi-weekly	2.25 B2.01	17/10/2025

Course ID	Course Type	Course Title			
116578	VS	Statistical Bioinformatics for MS-BAM			
Lecturers		Day and Time	Frequency	Room	Start
Detlef Groth, Dirk Walther		Wednesday 10:15	weekly	2.70 0.01	15/10/2025
Detlef Groth, Dirk Walther		Wednesday 12:15	weekly	2.70 0.01	15/10/2025
Comment					
Number of participants limited to 50 including students of the MS-BIS.					

Course ID	Course Type	Course Title			
116579	V	Statistical Bioinformatics (V)			
Lecturers		Day and Time	Frequency	Room	Start
Detlef Groth, Dirk Walther		Wednesday 10:15	weekly	2.70 0.01	15/10/2025
Comment					
Dear students, for those students which does not yet have the Moodle course link, here it is: https://moodle2.uni-potsdam.de/course/view.php?id=35053 The course key is: Potsdam-Golm-X7 There will be a parallel Zoom session mainly for students not yet in Germany or students feeling not good. Here is the Zoom link: https://uni-potsdam.zoom.us/j/94438873701 (Password: 21955051) Wed 10:15-13:45 See you on Wednesday. Have a nice weekend. Detlef Groth					

Course ID	Course Type	Course Title			
116580	U	Statistical Bioinformatics (Ü)			
Lecturers		Day and Time	Frequency	Room	Start
Detlef Groth, Dirk Walther		Wednesday 12:15	weekly	2.70 0.01	15/10/2025

Course ID	Course Type	Course Title			
116581	DF	Introduction to databases and practical programming			
Lecturer		Day and Time	Frequency	Room	Start
Detlef Groth		Friday 08:15	weekly	2.70 0.01	17/10/2025
Detlef Groth		Friday 09:45	weekly	2.70 0.01	17/10/2025
Comment					
Dear students, for those students which does not yet have the Moodle course link, here it is: https://moodle2.uni-potsdam.de/course/view.php?id=39233 The course key is: Golm2324X There will be a parallel Zoom session mainly for students not yet in Germany or in caseyour arenot fit. Here is the Zoom link: https://uni-potsdam.zoom.us/j/94438873701 (Password: 21955051) Fri 08:15-11:45 Detlef Groth					

Course ID	Course Type	Course Title			
116587	U	Constraint-based Modeling of Cellular Networks (Ü)			
Lecturers		Day and Time	Frequency	Room	Start
Zoran Nikoloski, Zahra Razaghimoghadamkashani		Thursday 12:15	weekly	2.70 0.01	16/10/2025

Course ID	Course Type	Course Title			
116588	V	Constraint-based Modeling of Cellular Networks (V)			
Lecturers		Day and Time	Frequency	Room	Start
Zoran Nikoloski, Zahra Razaghimoghadamkashani		Thursday 10:15	weekly	2.70 0.01	16/10/2025

Course ID	Course Type	Course Title			
116589	V	Algorithmic and Mathematical Bioinformatics (V)			
Lecturer		Day and Time	Frequency	Room	Start
Zoran Nikoloski		Monday 12:15	weekly	2.25 B2.01	13/10/2025

Course ID	Course Type	Course Title			
116590	U	Algorithmic and Mathematical Bioinformatics (Ü)			
Lecturers		Day and Time	Frequency	Room	Start
Mahdis Habibpourfatideh, Zoran Nikoloski		Monday 14:15	weekly	2.25 B2.01	13/10/2025

Course ID	Course Type	Course Title			
116591	U	Exercise Project Work			
Lecturers		Day and Time	Frequency	Room	Start
Zoran Nikoloski, N.N.			Block		

Course ID	Course Type	Course Title			
116634	PR	Current Aspects and Methods of Plant Cell Biology RM - practical			
Lecturers		Day and Time	Frequency	Room	Start
Markus Grebe, Andres Eduardo Rodriguez Cubillos, Michael Sauer, René Schneider			Block		
Comment					
This winter term there will be NO POSSIBILITY to do this 6-weeks practical and use it in combination with a 11 LP/ ECTS orientation module!!! Only seminar and lecture can be offered in a combination of a 6 ECTS elective module. The 11 LP modules will be offered in the summer term, again, due to the larger number of students who took the course as an 11 CP and 8 CP course in the summer term. A 6 CP elective B-module with lecture and seminar can be offered, only, if three or more people register. Please, contact Prof. Grebe under markus.grebe@uni-potsdam.de in case of further queries.					

Course ID	Course Type	Course Title			
116637	VS	Current Aspects and Methods of Plant Cell Biology WPM			
Lecturer		Day and Time	Frequency	Room	Start
Markus Grebe		Monday 12:15	weekly	2.25 B0.01	13/10/2025
Markus Grebe		Monday 14:15	weekly	2.25 B0.01	13/10/2025
Comment					
FIRST MEETING AS INDICATED 14.10.2024 in room 2.25.B0.01 at 12.15 h. This winter term there will be NO POSSIBILITY to do this as an 11 LP/ECTS orientation module or 8 ECTS elective module!!! Only seminar and lecture can be offered in a combination of a 6 ECTS elective module. The 11 LP modules will be offered in the summer term, again, due to the larger number of students who took the course as an 11 CP and 8 CP course in the summer term. The course can be offered as a 6 CP elective B-module with lecture and seminar, only, if three or more people register. Please, contact Prof. Grebe under markus.grebe@uni-potsdam.de in case of further queries.					

Course ID	Course Type	Course Title			
116639	VS	Current Aspects and Methods of Plant Cell Biology RM			
Lecturer		Day and Time	Frequency	Room	Start
Markus Grebe		Monday 12:15	weekly	2.25 B0.01	13/10/2025
Markus Grebe		Monday 14:15	weekly	2.25 B0.01	13/10/2025
Comment					
This winter term there will be NO POSSIBILITY to do this as an 11 LP/ECTS orientation module or 8 ECTS elective module!!! Only seminar and lecture can be offered in a combination of a 6 ECTS elective module. FIRST MEETING AS INDICATED 14.10.2024 in room 2.25.B0.01 at 12.15 h. Please, register under the elective module for 6 ECTS, in case of interest. he 11 LP modules will be offered in the summer term, again, due to the larger number of students who took the course as an 11 CP and 8 CP course in the summer term. The course can be offered as a 6 CP elective B-module with lecture and seminar, only, if three or more people register. Please, contact Prof. Grebe under markus.grebe@uni-potsdam.de in case of further queries.					

Course ID	Course Type	Course Title			
116642	PR	Advanced Research Practical Plant Cell Biology			
Lecturers		Day and Time	Frequency	Room	Start
Markus Grebe, Michael Sauer, René Schneider, Matija Stanic			Block		

Course ID	Course Type	Course Title			
116652	VU	Macroecology and global change			
Lecturers		Day and Time	Frequency	Room	Start
Damaris Zurell, N.N.		Tuesday 14:15	weekly	5.02 1.01	14/10/2025
Damaris Zurell, N.N.		Thursday 08:15	weekly	5.02 1.01	16/10/2025
Damaris Zurell, N.N.		Thursday 10:15	weekly	5.02 1.01	16/10/2025
Comment					
Maximum 15 participants. The course requires previous R experience or prior participation in the MS-EEC R preparatory course. Participants need to bring their own computer with R installed.					

Course ID	Course Type	Course Title			
116656	PR	Advanced module Data analysis and modelling ecology and macroecology			
Lecturer		Day and Time	Frequency	Room	Start
Damaris Zurell			Block		
Comment					
Working rooms of the working group, 9 weeks full-time or by arrangement.					

Course ID	Course Type	Course Title			
116657	VU	Experimental design and data analysis			
Lecturers		Day and Time	Frequency	Room	Start
Damaris Zurell		Monday 10:15	weekly	5.03 1.04	13/10/2025
Damaris Zurell		Wednesday 10:15	weekly	5.03 1.04	15/10/2025
Juliane Wolter		Wednesday 10:15	weekly	5.03 1.04	15/10/2025
Comment					
The practical elements of this course will be taught using the statistical modelling platform R. If you have no prior R experience, we recommend prior participation in the MS-EEC R preparatory course. You need to bring your own computer with R installed.					

Course ID	Course Type	Course Title			
116763	PR	Advanced Research Practical Evolutionäre Genomik			
Lecturers		Day and Time	Frequency	Room	Start
Michael Hofreiter, Stefanie Hartmann, Patrick Arnold			Block		

Course ID	Course Type	Course Title			
116767	PU	Vergleichende Genomanalyse			
Lecturers		Day and Time	Frequency	Room	Start
Stefanie Hartmann, Flora Sophie Uesseler			Block		
Comment					
Blockpraktikum in der vorlesungsfreien Zeit: 16.03.-10.04.2026					

Course ID	Course Type	Course Title			
116774	PR	Advanced Module Data Analysis and Modeling in Aquatic Ecology			
Lecturers		Day and Time	Frequency	Room	Start
Ursula Gaedke, Christian Guill, Toni Klauschies			Block		
Comment					
Working rooms of the working group, 9 weeks all day or by arrangement					

Course ID	Course Type	Course Title			
116778	V	Aquatic Ecology II			
Lecturer		Day and Time	Frequency	Room	Start
Guntram Weithoff		Tuesday 10:15	weekly	5.03 1.04	09/12/2025
Guntram Weithoff		Thursday 12:15	weekly	5.03 1.04	11/12/2025
Comment					
Die VL Aquatic Ecology I +II ersetzen die VL Limnoökologie aus dem MOEN Als Ergänzung wird das Oberseminar „Actual topics in aquatic ecology” angeboten, zu finden im Vorlesungsverzeichnis unter den fakultativen Lehrveranstaltungen des Instituts für Biochemie und Biologie.					

Course ID	Course Type	Course Title			
116781	VU	Basics in limnoecology			
Lecturer		Day and Time	Frequency	Room	Start
Guntram Weithoff		Tuesday 10:15	weekly	5.03 1.04	14/10/2025
Guntram Weithoff		Thursday 12:15	weekly	5.03 1.04	16/10/2025
Guntram Weithoff			Block		

Comment
Als Ergänzung wird das Oberseminar „Actual topics in aquatic ecology” angeboten, zu finden im Vorlesungsverzeichnis unter den fakultativen Lehrveranstaltungen des Instituts für Biochemie und Biologie.

Course ID	Course Type	Course Title			
116782	B	Plankton Ecology			
Lecturer		Day and Time	Frequency	Room	Start
Guntram Weithoff			Block		
Comment					
Two weeks, full days, 23. Feb.- 06. March 2026					
Remark					
Students with documented knowledge in aquatic ecology will be given priority.					

Course ID	Course Type	Course Title			
116783	PR	Advanced Module Theoretical Ecology			
Lecturers		Day and Time	Frequency	Room	Start
Christian Guill, Toni Klauschies			Block		
Comment					
Working rooms of the working group, 9 weeks all day or by arrangement					

Course ID	Course Type	Course Title			
116784	VU	Basic theoretical ecology			
Lecturers		Day and Time	Frequency	Room	Start
Toni Klauschies		Friday 12:15	weekly	5.02 2.01	17/10/2025
Christian Guill			Block		
Comment					
In addition the Seminar theoretical ecology (Seminar zur Theoretischen Ökologie) is offered.					

Course ID	Course Type	Course Title			
116786	PR	Vertiefungsmodul Aquatische Ökosysteme und Naturschutz - Datenauswertung, Modellierung und Managementprozesse			
Lecturer		Day and Time	Frequency	Room	Start
Elias Ehrlich			Block		

Course ID	Course Type	Course Title			
116811	V	Quantitative Genetics (V)			
Lecturers		Day and Time	Frequency	Room	Start
Zoran Nikoloski, Michael Lenhard		Wednesday 12:15	weekly	2.25 B0.01	15/10/2025

Course ID	Course Type	Course Title			
116812	B	Advanced methods for Analysis of Biochemical networks			
Lecturers		Day and Time	Frequency	Room	Start
Zoran Nikoloski, Alain Mbebi, Zahra Razaghimoghadamkashani			Block		

Course ID	Course Type	Course Title			
116823	PR	Synthetic Biology (Practical)			
Lecturer		Day and Time	Frequency	Room	Start
Katja Arndt			Block		
Comment					
internal or external practical, can be done any time practical should focus on topics/techniques in synthetic biology, molecular biology, biotechnology, biochemistry or related disciplines practical without labwork (e.g. in bioinformatics) is also possible further information can be found in the moodle course "Synthetic Biology"					

Course ID	Course Type	Course Title			
116825	PR	Advanced Research Practical Molecular Biotechnology / Immunology			
Lecturer		Day and Time	Frequency	Room	Start
Katja Arndt			Block		

Course ID	Course Type	Course Title			
116828	PR	Praktikum im Bereich Immunologie oder Biotechnologie			
Lecturer		Day and Time	Frequency	Room	Start
Katja Arndt			Block		

Course ID	Course Type	Course Title			
117191	VS	Molecular Biology and Genome Research			
Lecturer		Day and Time	Frequency	Room	Start
Bernd Müller-Röber		Tuesday 14:15	weekly	2.25 B0.01	14/10/2025
Bernd Müller-Röber		Tuesday 16:15	weekly	2.25 B0.01	14/10/2025
Bernd Müller-Röber		Wednesday 08:15	weekly	2.25 B0.01	15/10/2025

Comment

Introduction with all necessary information to the module structure (lecture, seminar, internships, exams) will be provided during the 1st date of the seminar (18.10.2023 and 19.10.2023) , pdf file of slides also provided in the Moodle course. (Molecular Biology and Genome Research) Changed max number for participants per seminar group: 10. Assigment to seminar groups can be changed due to student participant number or other necessities. The seminar will discuss review and research papers within the topic frame Read Genomes, Understand Genomes, Write Genomes, and Manipulate Genomes . The seminar is designed as a Scientific Meeting based on active participation of students taking certain roles within different seminars. Each student has to pick the role of a Speaker on one date and of an Expert Panelist at another date. Please enter your name for a certain role and seminar date in the table provided in the link . Your role: •´ Speaker ´: The Speaker will present a research paper with emphasis on results, discussion and outlook for this research approach and participate in the panel discussion. •´ Expert Panelist ´: There will be an additional panelist, who will discuss questions. Being Speaker or Expert Panelist: you should be able to discuss the contents and to evaluate the quality of the presented paper, you should be able to answer the questions given by the lecturer and to raise own questions, and participate actively in the discussion. Audience : All other participating students will actively participate in the discussion with questions and remarks on the relevant paper and research topic. At the end of the seminar, the audience will give feedback to the presenter and the expert panelists. All papers will be available in the Moodle course as pdf.

Course ID	Course Type	Course Title			
117195	PR	Advanced Research Practical Synthetic Biology			
Lecturer		Day and Time	Frequency	Room	Start
Lena Hochrein			Block		

Course ID	Course Type	Course Title			
117197	PR	Molecular Biology and Genome Research - 6 week practical in research groups			
Lecturer		Day and Time	Frequency	Room	Start
N.N.			Block		

Comment

6-week research project as part of the Intensive Module Molecular Biology and Genome Research: students search by themselves for possible internship places and working groups. Instructions will be provided during the seminar.

Course ID	Course Type	Course Title			
117202	PR	Advanced Research Practical Plant Molecular Biology			
Lecturer		Day and Time	Frequency	Room	Start
N.N.			Block		

Course ID	Course Type	Course Title			
117207	PR	Molecular Biology research internship - 6 week practical			
Lecturers		Day and Time	Frequency	Room	Start
Lena Hochrein, Omid Karami			Block		

Comment
6-week research project as part of the Intensive Module - in the Department of Molecular Biology. Instructions will be provided during the seminar.

Course ID	Course Type	Course Title			
117613	VU	Stable Isotopes in Conservation Ecology			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Christian Voigt			Block		

Course ID	Course Type	Course Title			
117714	VS	Climate-resilient cropping systems			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Ehsan Eyshi Rezaei		Friday 12:15	weekly	5.03 2.02	17/10/2025
Ehsan Eyshi Rezaei		Friday 14:15	weekly	5.03 2.02	17/10/2025

Institute of Nutritional Sciences

Course ID	Course Type	Course Title			
116432	V	Applied Toxicology, Regulatory Toxicology and Risk Assessment - Lecture			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
N.N., Franziska Ebert, Aswin Mangerich, Tanja Schwerdtle		Monday 08:15	Block	IEW Hans-Adolf-Krebs-Hörsaal	13/10/2025
Franziska Ebert, Aswin Mangerich, N.N., Tanja Schwerdtle		Tuesday 08:15	weekly	DIfE Fritz-Lipmann-Hörsaal	14/10/2025
Franziska Ebert, Aswin Mangerich, N.N., Tanja Schwerdtle		Friday 08:15	weekly	N N.	17/10/2025

Course ID	Course Type	Course Title			
116433	PR	Practical Toxicology - Applied Research - Advanced Internship			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Franziska Ebert, Aswin Mangerich, Tanja Schwerdtle, N.N.		Monday 08:15	Block	N N.	05/01/2026

Course ID	Course Type	Course Title			
116434	S	Practical Toxicology - Applied Research - Seminar			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Franziska Ebert, Aswin Mangerich, Tanja Schwerdtle			single event		

Course ID	Course Type	Course Title			
116435	PR	Practical Toxicology - Authorities - Advanced internship at a regulatory agency			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
N.N.		Monday 08:15	Block	N N.	05/01/2026

Course ID	Course Type	Course Title			
116436	S	Applied Toxicology, Regulatory Toxicology and Risk Assessment - Seminar			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Franziska Ebert, Aswin Mangerich, N.N.		Thursday 10:15	weekly	2.25 B0.01	04/12/2025
Franziska Ebert, Aswin Mangerich, N.N.			single event		

Course ID	Course Type	Course Title			
116437	S	Practical Toxicology - Industry - Seminar			
Lecturers		Day and Time	Frequency	Room	Start
Franziska Ebert, Aswin Mangerich, Tanja Schwerdtle			single event		

Course ID	Course Type	Course Title			
116439	PR	Applied Toxicology, Regulatory Toxicology and Risk Assessment - Research Internship			
Lecturers		Day and Time	Frequency	Room	Start
Franziska Ebert, Aswin Mangerich, N.N.		Monday 08:15	Block	IEW Abteilung	27/10/2025

Course ID	Course Type	Course Title			
116440	S	Practical Toxicology - Authorities - Seminar			
Lecturers		Day and Time	Frequency	Room	Start
Franziska Ebert, Aswin Mangerich, Tanja Schwerdtle			single event		

Course ID	Course Type	Course Title			
116441	PR	Practical Toxicology - Industry - Advanced internship			
Lecturer		Day and Time	Frequency	Room	Start
N.N.		Monday 08:15	Block	N N.	05/01/2026

Course ID	Course Type	Course Title			
116444	PR	Microscopy and Histopathology - lab course			
Lecturers		Day and Time	Frequency	Room	Start
Claudia Matthäus, N.N.		Monday 09:00	Block	N N.	08/12/2025

Course ID	Course Type	Course Title			
116446	V	Physiology and pathophysiology of nutrition			
Lecturers		Day and Time	Frequency	Room	Start
André Kleinridders, Tim Julius Schulz		Friday 10:00	weekly	DIfE Fritz-Lipmann-Hörsaal	17/10/2025

Course ID	Course Type	Course Title			
116447	V	Organ toxicology, pathological anatomy and histopathology			
Lecturers		Day and Time	Frequency	Room	Start
Franziska Ebert, N.N.		Thursday 12:15	weekly	2.25 B0.01	16/10/2025
Franziska Ebert, N.N.		Thursday 10:15	weekly	2.25 B0.01	08/01/2026

Course ID	Course Type	Course Title			
116448	S	Toxicology I - seminar			
Lecturers		Day and Time	Frequency	Room	Start
Franziska Ebert, Aswin Mangerich, Tanja Schwerdtle			single event		

Course ID	Course Type	Course Title			
116450	V	Statistics, biometry, epidemiology			
Lecturers		Day and Time	Frequency	Room	Start
Fabian Eichelmann, André Kleinridders		Friday 08:15	weekly	DIfE Fritz-Lipmann-Hörsaal	17/10/2025

Course ID	Course Type	Course Title			
116451	PR	Laboratory animal science - lab course			
Lecturers		Day and Time	Frequency	Room	Start
Jens Raila, N.N.		Monday 08:15	Block	N N.	09/02/2026

Course ID	Course Type	Course Title			
116453	V	Foundations of toxicology			
Lecturers		Day and Time	Frequency	Room	Start
Aswin Mangerich, N.N.		Wednesday 08:15	weekly	2.05 1.03	15/10/2025
Aswin Mangerich, N.N.		Thursday 10:15	weekly	2.25 B0.01	16/10/2025

Course ID	Course Type	Course Title			
116454	V	Foundations of pharmacology			
Lecturers		Day and Time	Frequency	Room	Start
André Kleinridders, Aswin Mangerich		Wednesday 12:15	weekly	2.05 1.06	15/10/2025
André Kleinridders, Aswin Mangerich			weekly		

Course ID	Course Type	Course Title			
116456	V	Laboratory animal science - lecture			
Lecturers		Day and Time	Frequency	Room	Start
Jens Raila, Claudia Matthäus		Wednesday 10:15	weekly	2.25 B1.01	15/10/2025
Jens Raila, Denise Bloch, Aswin Mangerich, Claudia Matthäus, Merle Marie Nicolai			weekly		
Jens Raila, Claudia Matthäus			weekly		

Course ID	Course Type	Course Title			
116478	PR	IEW-PEN-21 Forschungspraktikum			
Lecturer		Day and Time	Frequency	Room	Start
N.N.			Block		

Course ID	Course Type	Course Title			
116479	SU	IEW-PEN-21 Spezifische Forschungsmethoden der Ernährungswissenschaft			
Lecturer		Day and Time	Frequency	Room	Start
N.N.			weekly		

Institute of Earth and Environmental Science-Geoecology

Course ID	Course Type	Course Title			
114797	VS	Climate Change Adaptation			
Lecturers		Day and Time	Frequency	Room	Start
Katja Frieler		Monday 14:15	weekly	2.05 1.08	13/10/2025
Katja Frieler		Monday 16:00	weekly	2.05 1.08	13/10/2025
Katja Frieler, Christian Otto		Monday 14:15	weekly	2.05 1.08	01/12/2025
Katja Frieler, Christian Otto		Monday 16:00	weekly	2.05 1.08	01/12/2025
Comment					
This lecture/seminar and seminar/exercise are part of the CLEWS module "GEE-M-V03: Climate Change Adaptation". Module description (German) | Module description (English)					

Course ID	Course Type	Course Title			
114801	VS	Atmospheric Science in the Anthropocene			
Lecturer		Day and Time	Frequency	Room	Start
Mark Lawrence		Thursday 14:00	weekly	2.05 1.08	16/10/2025
Mark Lawrence		Thursday 15:45	weekly	2.05 1.08	16/10/2025
Comment					
This lecture and exercise are part of the module "GEE-M-V02: Atmospheric Science in the Anthropocene". Module description (in German) | Module description (in English) The course provides an overview of the main topics of atmospheric sciences in the context of global change will include: Basic principles of meteorology (meteorological elements, primitive equation theorem, horizontal and vertical structure of the atmosphere); atmospheric dynamics; weather systems; atmospheric composition and atmospheric chemistry; chemistry-climate interactions; and broader topics such as extreme air pollution, climate engineering, and the link between atmospheric science and society. Seminar presentations will refer to the IPCC WG-1 report. Recommended textbook: "Atmospheric Science, an Introductory Survey", by Wallace and Hobbs. (The book will be used mainly for the first half of the lecture, after which more specialised literature will be used).					

Course ID	Course Type	Course Title			
114809	SU	Uncertainty and Sensitivity			
Lecturer		Day and Time	Frequency	Room	Start
Till Francke			weekly		

Course ID	Course Type	Course Title			
114813	V	Earth system science and management			
Lecturer		Day and Time	Frequency	Room	Start
Jürgen Kropp		Wednesday 12:15	weekly	2.05 1.08	15/10/2025

Course ID	Course Type	Course Title			
114819	V	Global sustainability in the Anthropocene			
Lecturers		Day and Time	Frequency	Room	Start
Jonathan Donges, Johan Rockström, Nico Wunderling		Thursday 14:15	bi-weekly	2.25 F1.01	23/10/2025

Course ID	Course Type	Course Title			
114823	S	Landschaftsökologie			
Lecturer		Day and Time	Frequency	Room	Start
Bertrand Fournier		Friday 08:30	weekly	2.05 1.03	17/10/2025

Course ID	Course Type	Course Title			
114840	EX	Earth's Climate History - Geological field trip			
Lecturer		Day and Time	Frequency	Room	Start
Bernhard Diekmann			Block		
Comment					
The excursion (field trip) will be about 2 days in February in Brandenburg. The specific date will be announced during the semester. This course is part of the CLEWS module "GEW-SC02: Earth's Climate History". For the module description click here .					

Course ID	Course Type	Course Title			
114842	VS	Earth's Climate History - Lecture Series andamp; Seminar			
Lecturers		Day and Time	Frequency	Room	Start
Bernhard Diekmann, Georg Feulner		Friday 12:15	weekly	2.05 1.08	17/10/2025
Bernhard Diekmann, Georg Feulner		Friday 14:00	weekly	2.05 1.08	17/10/2025
Comment					
This lecture and exercise are part of the CLEWS module "GEW-SC02: Earth's Climate History". For the module description click here .					

Course ID	Course Type	Course Title			
114843	VS	Measurement and observation techniques			
Lecturer		Day and Time	Frequency	Room	Start
Alban Doko		Monday 10:15	bi-weekly	2.05 1.08	20/10/2025
Comment					
This lecture/Seminar is part of the CLEWS module "GEE-CE01: Introduction to the Earth System". For the module description click here .					

Course ID	Course Type	Course Title			
114846	V	Introduction to Climate, Earth, Water, Sustainability			
Lecturer		Day and Time	Frequency	Room	Start
Andreas Kubatzki		Tuesday 16:15	weekly	2.25 F0.01	14/10/2025
Comment					
This lecture series is part of the CLEWS module "CM02: Numerical methods (Programming) and Introduction: Climate, Earth, Water, Sustainability". For the module description click here .					

Course ID	Course Type	Course Title			
114847	SU	Data Analysis and Management in Earth System Science			
Lecturer		Day and Time	Frequency	Room	Start
Oliver Korup		Tuesday 12:15	weekly	2.05 1.08	14/10/2025
Oliver Korup		Tuesday 14:15	weekly	2.05 1.08	14/10/2025
Comment					
The seminar and exercise are part of the CLEWS module "CM01: Data Analysis and Management in Earth System Science". For the module description click here . Note: This course is only open to CLEWS students.					

Course ID	Course Type	Course Title			
114849	SU	Debating club (student seminars)			
Lecturer		Day and Time	Frequency	Room	Start
Jan Härter		Monday 10:00	Block	N N.	16/02/2026
Jan Härter			single event		
Comment					
The seminar and individual training are part of the CLEWS module "CM03: Debating club (student seminars) and Research training (traineeship)". For the module description click here . Note: Places are limited to a maximum of 18! This block course will take place from 16 to 19 February 2026 in Room 0.102 of House 28 in the Physics Building at Campus Golm. The next block course for the Debating Club is planned to start in October 2026.					

Course ID	Course Type	Course Title			
114851	S	Recent Advances in ClEWS			
Lecturer		Day and Time	Frequency	Room	Start
Jan Härter			Block		

Course ID	Course Type	Course Title			
117393	S	Introductory Research Project			
Lecturer		Day and Time	Frequency	Room	Start
Jan Härter			single event		
Comment					
This seminar is part of the CLEWS module "S01: Introductory Research Project". For the module description click here .					

Course ID	Course Type	Course Title			
117395	V	Methods of Risk Analysis and Risk Assessment			
Lecturers		Day and Time	Frequency	Room	Start
Bruno Merz, Annegret Thieken		Friday 10:15	weekly	2.05 1.10	17/10/2025
Comment					
This lecture is part of the Geoecology & CLEWS module "GEE-M-V06: Risk Analysis, -Assessment and -Reduction". |					

Course ID	Course Type	Course Title			
117396	P	Case study on disaster risk reduction			
Lecturer		Day and Time	Frequency	Room	Start
Philip Bubeck		Friday 12:15	weekly	2.05 1.10	17/10/2025
Comment					
Participants should have basic experience with Geographical Information Systems (GIS). The number of participants is restricted to 15 students.					
Remark					
The seminar takes place in the PC-Pool 0.02 in House 1.					

Course ID	Course Type	Course Title			
117397	U	Variables and modelling approaches of Earth-Sub-System-Dynamics			
Lecturer		Day and Time	Frequency	Room	Start
Deva Charan Jarajapu		Monday 12:15	bi-weekly	2.05 1.08	20/10/2025
Comment					
This exercise is part of the CLEWS module "CE01: Introduction to the Earth System". For the module description click here .					

Course ID	Course Type	Course Title			
117398	V	Understanding the Earth System and most important subsystems			
Lecturers		Day and Time	Frequency	Room	Start
Axel Bronstert, Bernhard Diekmann		Monday 10:15	bi-weekly	2.05 1.08	13/10/2025
Axel Bronstert, Bernhard Diekmann		Monday 12:15	bi-weekly	2.05 1.08	13/10/2025
Comment					
This lecture is part of the CLEWS module "GEE-CE01: Introduction to the Earth System". For the module description click here .					

Course ID	Course Type	Course Title			
117399	VU	The Environmental Modelling Process			
Lecturer		Day and Time	Frequency	Room	Start
Thorsten Wagener		Thursday 10:15	weekly	2.05 0.05	16/10/2025
Thorsten Wagener		Thursday 12:15	weekly	2.05 0.11	16/10/2025
Comment					
This lecture and exercise are part of the CLEWS module "GEE-SE03: The Environmental Modelling Process". For the module description click here .					

Course ID	Course Type	Course Title			
117400	VU	Land Use - a key control of earth system processes			
Lecturer		Day and Time	Frequency	Room	Start
Bertrand Fournier		Wednesday 12:15	weekly	2.05 0.11	15/10/2025
Bertrand Fournier		Wednesday 12:15	weekly	2.25 D0.02	15/10/2025
Bertrand Fournier		Wednesday 12:15	weekly	2.25 D0.01	15/10/2025
Bertrand Fournier		Wednesday 14:15	weekly	2.25 D0.02	15/10/2025
Bertrand Fournier		Wednesday 14:15	weekly	2.25 D0.01	15/10/2025
Bertrand Fournier		Wednesday 12:15	weekly	2.25 D2.01	22/10/2025
Comment					
This lecture and exercise are part of the CLEWS module "SE01: Land Use - a key control of earth system processes". For the module description click here .					
Remark					
Note: The first introduction on 15th of October will take place in Golm Campus, House 25, Room F0.15 (2.25.F0.15). From the 22nd until the end of the semester, all lectures will be held in room 2.25.D1.02.					

Institute of Geosciences					
Course ID	Course Type	Course Title			
115775	SK	Kolloquium / Topics in Earth System Science			
Lecturers		Day and Time	Frequency	Room	Start
Bodo Bookhagen, Eva Eibl, Maria Mutti, Patrick O'Brien, Edward Sobel, Martin Trauth, Jens Tronicke, Pieter van der Beek, Max Wilke		Monday 16:15	weekly	2.27 1.10	13/10/2025
Course ID	Course Type	Course Title			
115776	S	Seminar / Topics in Earth System Science			
Lecturers		Day and Time	Frequency	Room	Start
Laura Henrika Bührig, Maria Mutti, N.N., Thomas Teillet		Monday 10:15	weekly	2.27 2.24	13/10/2025
Bodo Bookhagen		Tuesday 08:30	weekly	2.27 2.36	14/10/2025
Markus Lothar Fischer, Manfred Mudelsee, Martin Trauth		Tuesday 12:30	weekly	2.27 2.24	14/10/2025
Matthias Ohrnberger, Eva Eibl, Alea Joachim		Tuesday 14:15	weekly	2.27 2.24	14/10/2025
Jens Tronicke, Julien Guillemoteau, Philipp Koyan, Sophie Stephan		Thursday 12:30	weekly	2.27 2.24	16/10/2025
Pieter van der Beek		Thursday 14:15	weekly	2.27 2.24	16/10/2025
Max Wilke, Patrick O'Brien, Martin Jan Timmerman, Dirk Spengler		Friday 12:30	weekly	2.27 2.07	17/10/2025
Bodo Bookhagen		Tuesday 08:30	weekly	2.27 2.24	21/10/2025
Course ID	Course Type	Course Title			
115777	S	Project Practical or Research Internship (Seminar)			
Lecturers		Day and Time	Frequency	Room	Start
Max Wilke, Martin Trauth, Jens Tronicke		Thursday 16:15	bi-weekly	2.27 2.36	23/10/2025
Comment					
In dem Seminar zu diesem Modul muss der Vortrag über das geleistete Praktikum gehalten werden. Dieser ist neben dem erfolgreichen Bericht nötig, um das Modul abzuschliessen. Er kann nicht durch einen Vortrag in der Praktikumsinstitution ersetzt werden. Das Seminar startet am 24.10.24 und findet 14-tägig statt. Bitte melden Sie sich per e-mail bei Frau Heidemann, um einen Vortragstermin zu reservieren (sekretariat@geo.uni-potsdam.de). Der Vortrag ist nach dem Praktikum zu halten. Der Bericht sollte am Tag des Vortrags abgegeben und durch den Betreuer akzepiert sein (Bestätigung des Betreuers durch e-mail), kann aber auch vor Abgabe des Berichtes geahlten werden. Der Vortrag sollte eine Länge von ca. 10 min haben, danach können Fragen gestellt werden. Bitte melden Sie sich nur zum Modul an, wenn Sie den Vortrag in diesem Semester halten wollen. Weitere Infos zum Projektpraktikum auf der Webseite des Prüfungsausschuss. In this Seminar of the module a talk has to be given about the internship. This talk and a successful report is needed to finalize the module. The talk cannot be replaced by one given at the institution of internship. Seminar will start on 24.10.24 and takes place every other week. Please, register by e-mail with Mrs. Heidemann to reserve a slot for your talk (sekretariat@geo.uni-potsdam.de). The talk needs to be given after the internship. The report should be submitted by the date of the talk and it should be accepted by the internship's supervisor (confirmation e-mail by supervisor). The talk can be also given before submission of the report. The talk should be 10 min long, afterwards questions can be posed. Please, only register for the module and seminar if you are determined to give the talk in the current term. Further info on the "project practical research internship" can be found on the webpage of the examination board.					

Course ID	Course Type	Course Title			
115778	FP	Project Practical or Research Internship			
Lecturers		Day and Time	Frequency	Room	Start
Martin Trauth, Jens Tronicke, Max Wilke			Block		
Comment					
Project practicals or internships have to be organized individually. Once, you found a place you need to register it with the examination board to have it approved. see: https://www.uni-potsdam.de/en/geo/study/examinationcommittee-1-1					

Course ID	Course Type	Course Title			
115779	PU	Sedimentary Earth System Record (field practicals)			
Lecturers		Day and Time	Frequency	Room	Start
Maria Mutti, Laura Henrika Bühring, Thomas Teillet			Block		

Course ID	Course Type	Course Title			
115780	VU	Sedimentary Earth System Record			
Lecturers		Day and Time	Frequency	Room	Start
Maria Mutti, Laura Henrika Bühring, Thomas Teillet		Wednesday 08:30	weekly	2.27 1.10	15/10/2025
Maria Mutti		Wednesday 10:15	weekly	2.27 1.10	15/10/2025

Course ID	Course Type	Course Title			
115781	VU	Tectonics and Geodynamics			
Lecturers		Day and Time	Frequency	Room	Start
Pieter van der Beek, Sascha Brune		Monday 08:30	weekly	2.27 2.07	13/10/2025
Pieter van der Beek, Sascha Brune		Monday 10:15	weekly	2.27 2.07	13/10/2025
Comment					
Contents This module aims to familiarize students with current concepts concerning the structure and mechanical behavior of the lithosphere, in relation to its thermal structure and rheology. Covered subjects include: the forces driving plate tectonics, the rheology of the lithosphere, the dynamics of orogenic processes, numerical modeling of lithospheric deformation, and the couplings of mantle dynamics and surface processes. Qualification goals Students: - gain an understanding of the structure and dynamics of the lithosphere and the forces that drive its deformation - gain familiarity with modern quantitative methods for observing and modeling the deformation of the lithosphere and its driving forces. - learn to analyze modern research questions in tectonics and geodynamics by studying the literature on a chosen topic.					
Literature					
Textbooks:C.M.R. Fowler, The Solid Earth: An Introduction to Global Geophysics (2nd Ed.). . D. Turcotte & G. Schubert, Geodynamics (3rd Ed.). . Additional background papers (available on Moodle)					

Course ID	Course Type	Course Title			
115782	VU	Data Analysis and Statistics (MS GSC)			
Lecturer		Day and Time	Frequency	Room	Start
Martin Trauth			weekly		
Martin Trauth			Block		
Comment					
This is course includes an introduction to a higher-level programming languages such as MATLAB, Python and Julia; overview of data types and methods; one-, two-, and multi-variable statistics; time series analysis; statistics for spatial and directional data; numerical procedures; image processing and analysis. The course is based on the instructor's textbooks available for free.					
Literature					
Trauth, M.H. (2024) MATLAB Recipes for Earth Sciences – 6th Edition. Springer International Publishing. Trauth, M.H. (2024) Python Recipes for Earth Sciences – 2nd Edition. Springer International Publishing.					

Remark
The course has two parts: weekly Zoom lectures and demonstrations on Fridays 9:15-11:30 am. I will send the Zoom link to those who are registered. a one-week practical in person after after the term, date to be determined. You can also study the course at any time using my books and the recorded lectures. Please write me an email if you prefer asynchronous learning and we will find a way.

Course ID	Course Type	Course Title			
115783	VU	Data Analysis and Statistics (MS RGV)			
Lecturer		Day and Time	Frequency	Room	Start
Aljoscha Rheinwalt		Friday 08:30	bi-weekly	2.27 0.29/30	24/10/2025
Aljoscha Rheinwalt			Block		

Course ID	Course Type	Course Title			
115784	VU	Theory of elastic seismic waves			
Lecturer		Day and Time	Frequency	Room	Start
Torsten Dahm		Thursday 08:30	weekly	2.27 2.36	16/10/2025
Torsten Dahm		Thursday 10:15	weekly	2.27 2.36	16/10/2025

Comment
The course Theory of Seismic Waves provides a basic introduction to the theory of wave propagation needed to understand observations and to interpret seismological data. Emphasis is placed on the mode description of body and surface waves. Fundamentals of elasticity theory and elementary solutions of the wave equation are presented in detail. I start with a one-dimensional description of waves on a string to explain key features of free oscillation and wave modes on "membranes" (layers). Basic mathematical approaches and representation theorems are introduced. Later, reflection and refraction of seismic plane waves at plane boundary layers, guided waves and seismic surface waves are discussed. The theory of seismic sources will be covered in brief, but will be discussed in more detail in my course Rupture Processes in Seismology and Volcanology . The theory of wave propagation is made understandable by calculating and discussing synthetic seismograms for a realistic Earth in practical courses. Students will learn how to use the latest seismogram calculation software and will be able to understand seismological analysis methods using examples they have generated themselves. The application of the analysis methods to observed data can be deepened in the following semester in the course Advanced Methods in Observational Seismology , which can contribute to finding a desired topic for a Master's thesis. Potsdam, 15 October 2024, Torsten Dahm

Requirement
- Bachelor in Geophysics / Physics / Geosciences - Basics in physics, math and programming

Literature
Dahm, T. Seismology II: body and surface waves. Lecture notes, ca. pp. 230. (will be provided as pdf) Müller, G. (2007): Theory of elastic waves, (Scientific Technical Report STR ; 07/03), 228 S. https://doi.org/10.2312/GFZ.b103-07037 Aki, K.; Richards, P. (2002). Quantitative Seismology. University Science Books Lay, Th.; Wallace, T.C. (1995). Modern Global Seismology. Academic Press

Course ID	Course Type	Course Title			
115785	VU	Geophysical Inversion			
Lecturer		Day and Time	Frequency	Room	Start
Matthias Ohrnberger		Tuesday 12:15	weekly	2.27 2.37/38	14/10/2025
Matthias Ohrnberger		Wednesday 12:15	weekly	2.27 2.37/38	15/10/2025

Comment
Inverse theory can be seen as the mathematical formalisation of the process of data interpretation. It is about the inference of properties (parameters) of a (hypothesized) physical system (model) from observed data. We know what we (believe to) know about the Earth (and other physical systems) applying inverse problem techniques to those system observables we are capable to measure and quantify. Unfortunately, observations in earth sciences are often noisy, spatially or temporally sparse and sometimes even contradictory or inconsistent. Further, the physical systems we want to describe are often not well understood and thus simplified models are often used to allow quantification at all. It is therefore clear that within inverse problem theory model parameter uncertainty estimates are also of key interest as well as techniques allowing for selecting reasonable/appropriate models from a number of hypothesis regarding the physical system. In the course, students will be introduced to the principal ideas of the formal treatment of inverse problems and will learn the application of inversion techniques to problems in geophysics and geosciences with hands-on examples.

Literature
1) William Menke, Geophysical data analysis, discrete inverse theory 2) Andreas Fichter, Lecture notes on inverse theory (doi: 10.33774/coe-2021-qpq2j)

Course ID	Course Type	Course Title			
115786	U	Geophysical Laboratory			
Lecturers		Day and Time	Frequency	Room	Start
Julien Guillemoteau, Jürgen Matzka, Jens Tronicke		Monday 12:30	weekly	2.27 2.36	13/10/2025
Comment					
This course is a core module of the programe MSc Geosciences and is obligatory for students with a specialization/ major in Geophysics. As an elective module it is opened for all MSc students in Geisciences. This course includes a series of six lab experiments covering selected fundamental topics of applied and general geophysics (e.g., gravity, magnetics, electrical and wave propagation methods). In addition to the actual experiments and experimental methods, the course conveys basic aspects of analyzing, interpreting, and presenting experimental data and also recaps and deepens some fundamentals of geophysics (additional lectures and exercises offered in a weekly fashion at the beginning of the semester). The first meeting with an introduction, a detailed overview and time schedule will be on Monday, Oct 13 at 12:30 (room 2.27.2.36) .					

Course ID	Course Type	Course Title			
115787	VU	Advanced Geochemistry			
Lecturer		Day and Time	Frequency	Room	Start
Martin Jan Timmerman		Friday 08:30	weekly	2.27 2.49	17/10/2025
Comment					
Content Whereas the geological evolutions of most other stony planets in our solar system have come to a halt billions of years ago, planet Earth, after 4,5 billion years, is still a dynamic system due to a vigorous mantle convection. Moreover, Earth is first and foremost a chemical system and using the tools of geochemistry to solve geological problems, we can understand Earth and how it works. This course will focus on fundamental processes that gave rise to the characteristic geochemical features of the oceanic and continental crust, and the mantle. It will provide essential insights into magmatic processes (differentiation, assimilation and contamination, partial melting), role and use of major and trace elements, geochemical classification of magmatic rocks, variation diagrams, element behaviour during melting and fractionation, simple fractionation and melting models, selected phase diagrams, the structure and mineralogy of the shallow and deep mantle, generation of basaltic magmas at oceanic spreading ridges, oceanic intraplate magmatism, plume magmatism, continental flood basalts, layered mafic intrusions, magmatism in subduction settings (island arcs and continental arcs), granitoids, continental alkaline magmatism, anorthosites. Furthermore, alkaline vs. sub-alkaline rocks: classification, AFM diagram, alumina saturation index. Introduction to dating methods (Rb-Sr, Sm-Nd), isochrons, introduction to the U-Th-Pb system (decay equations, Concordia diagram), the Lu-Hf system in zircon, the geochemical and Sr-Nd-Pb(-Hf) isotope composition of the continental crust and the different mantle reservoirs. The geochemical evolution of the Earth since Precambrian times will be addressed, and standard analytical techniques will be explained. Similar to studying mathematics or a foreign language, it is no use studying geochemistry without practicing. For this reason, several carefully prepared home works will be offered, which you can solve alone or in a group. Pitfalls and solutions will be jointly discussed in the lecture of the ensuing week. This home work is not compulsory, but it is nevertheless highly recommended to participate. The students: - gain an understanding of the chemical composition of the Earth and other planets, and the chemical processes that affect them - gain familiarity with analytical methods used for geochemical analyses - learn to analyse modern research questions in geochemistry by studying the literature on a chosen topic - are able to critically analyze scientific literature containing geochemical data - acquire the ability to critically analyse, interpret and present data.					

Course ID	Course Type	Course Title			
115788	VU	Basics of Thermodynamics			
Lecturer		Day and Time	Frequency	Room	Start
Max Wilke		Friday 10:15	weekly	2.27 2.36	17/10/2025
Comment					
This course will introduce to the principles of thermodynamics and how they can be used for understanding geological processes. You will learn about the thermodynamical state functions and how they can be determined. We will discuss what controls mineral stability, how mineral reactions can be used to deduce formation conditions of mineral assemblages. All topics will be associated by exercises to enhance understanding. The course will start on Fr, Oct 18. Moodlepage: https://moodle2.uni-potsdam.de/course/view.php?id=35856					

Course ID	Course Type	Course Title			
115789	VU	Micro-analytical Methods and X-ray Powder Diffraction			
Lecturers		Day and Time	Frequency	Room	Start
Georgii Kovalskii, Dirk Spengler		Monday 10:15	weekly	2.27 2.49	13/10/2025
Wolfgang Morgenroth		Thursday 16:15	weekly	2.27 2.37/38	16/10/2025
Christina Günter, Martin Jan Timmerman			single event		

Comment

This module ‘Micro-analytical Methods and X-ray Powder Diffraction’ consists of two courses in the winter semester: ‘Micro-analytical Methods’ and ‘X-ray Powder Diffraction’. You must attend one of the safety instructions for working in the labs, which is given in English by Ed Sobel and in German by Christina Günter at the beginning of the winter term. On Monday, October 13, we meet at 10:15 in room 2.49 for an overview of the module including a lab tour. All students interested in this module are asked to attend this meeting as we will also arrange times for the practical hands-on training!!! ‘Micro-analytical Methods’ consists of a lecture and practical hands-on training on the Electron Microscope, Scanning Electron Microscope and Raman. The lecture will be held xxx at xx:xx in room x.xx (building 27). ‘X-ray Powder Diffraction’ will start on Thursday , October 16th , in room 2.37/38, 16:15 h. Learning goals ‘X-ray Powder Diffraction’: refresher in crystallography data collection methods in powder diffraction information content of a diffraction pattern (profile parameters, structure factors, background) least squares method and software for Le Bail- and Rietveld-refinement data treatment (data from software tutorials, data collected in practical part) practical part: X-ray Powder Diffraction (together with Christina Günter, guenter@geo.uni-potsdam.de) At the end of the course, you will be able to refine an X-ray powder diffractogram and discuss your results. Learning goals ‘Micro-analytical Methods’: introduction to the following micro - analytical methods: Scanning Electron Microscopy (SEM), Electron Probe Micro Analysis (EPMA, Cathodoluminescence (CL) and Raman phase identification, qualitative and quantitative chemical analyses understanding limitations, uncertainties, detection limits and errors independent interpretation of (mineral) analyses

Requirement

There are no prerequisites for this course. Nevertheless, you should have refreshed your knowledge in crystallography on a BSc level before the course starts. Recommended reading: F. Donald Bloss 'Crystallography and Crystal Chemistry'.

Literature

For the PXRD part, be familiar with the basics of crystallography on a BSc level. Recommended reading: F. Donald Bloss 'Crystallography and Crystal Chemistry'. Additionally, at the beginning of the course, we will refresh our knowledge of crystallography.

Remark

Students who would like to participate in 'Micro-analytical Methods' are asked to join us on xxx, October xx, at xx:xx a.m. in room x.xx for an introduction and lab tour.

Course ID	Course Type	Course Title			
115790	VU	Earth Surface Processes			
Lecturers		Day and Time	Frequency	Room	Start
Taylor Schildgen, Pieter van der Beek		Tuesday 12:30	weekly	2.27 2.36	14/10/2025
Taylor Schildgen, Pieter van der Beek		Tuesday 14:15	weekly	2.27 2.36	14/10/2025

Comment

Contents This course deals with the dynamics of Earth-surface processes: erosion, transport and deposition on slopes, by rivers and glaciers. Physical and mathematical models describing these processes are presented and analyzed using available field observations. In addition, the course examines the couplings between tectonics and climate-driven surface processes in landscape evolution. Topics are explored in depth through the reading of scientific papers, followed by group discussion and presentation of research topics to groups of students. Qualification goals Students: acquire an understanding of the processes that drive erosion and sediment transport at the Earth’s surface, as well as tectonically controlled landscape genesis at plate boundaries and tectonically active regions within continents. become familiar with modern quantitative methods for observing and modeling Earth-surface processes and their controlling factors. Learn to analyze and synthesize modern research questions in surface processes and their couplings through literature review, presentations, and group discussions.

Literature
Textbooks : R.S. Anderson & S.P. Anderson, Geomorphology: The Mechanics and Chemistry of Landscapes. . D. Burbank & R.S. Anderson, Tectonic Geomorphology (2nd Ed.), . P.R. Bierman & D.R. Montgomery, Key Concepts in Geomorphology (2nd Ed.), . Additional background papers available on Moodle.

Course ID	Course Type	Course Title			
115791	VU	Modern Carbonates			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Jens Kallmeyer, Maria Mutti, N.N. (Mitarbeiter)		Thursday 10:15	weekly	2.27 2.07	16/10/2025
Jens Kallmeyer, Maria Mutti, N.N. (Mitarbeiter), Benjamin Rendall			Block		

Course ID	Course Type	Course Title			
115792	VU	Remote Sensing of the Environment			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Bodo Bookhagen		Monday 12:15	weekly	2.27 1.10	13/10/2025
Bodo Bookhagen		Monday 14:15	weekly	2.27 1.10	13/10/2025

Course ID	Course Type	Course Title			
115793	VU	Mapping and Geoinformation Systems			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Gerold Zeilinger		Friday 10:15	weekly	2.25 D0.01	17/10/2025
Gerold Zeilinger		Friday 11:15	weekly	2.25 D0.01	17/10/2025
Gerold Zeilinger		Friday 12:15	weekly	2.25 D0.01	17/10/2025

Comment
Main topics are: design of GIS-database, GIS content management, data distribution with GIS-servers, integration of modeling results in GIS, analyses of river networks and geomorphic parameters, analysis of structural data, remote sensed imagery interpretation and digital elevation model extraction, integration of LIDAR data and utilization of geological 3D models in immersive visualization environments.

Course ID	Course Type	Course Title			
115794	VU	Sedimentary Systems Modelling			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Laura Henrika Bührig, Maria Mutti, Thomas Teillet			Block		

Course ID	Course Type	Course Title			
115795	VU	Rates and Dates of Geological Processes			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Edward Sobel		Tuesday 10:15	weekly	2.27 2.07	14/10/2025
Edward Sobel		Thursday 12:30	weekly	2.27 2.36	16/10/2025

Course ID	Course Type	Course Title			
115796	VU	Digital Seismology			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Eva Eibl		Monday 09:00	Block	2.27 2.37/38	23/02/2026

Comment
The course is part of the module 'Fundamentals of Digital Seismology' (12 ECTS) which is composed of the 'Digital Seismology' class (6ECTS) offered in winter semester and the 'Array Seismology' class (6ECTS) taught in summer semester. The module exam will be held at the end of the summer semester and will be aboue the content of both classes. The natural order of visiting the classes in the module is first 'Digital Seismology' as a block course in February and then 'Array seismology'. However, this is not formally required. Note that there will be no exam offered at the end of the winter semester. Qualification goals of the module are: - deepen your understanding of digital signal processing and systems theory using the example of seismic time series - understand the mode of action of different types of filters - design and apply different types of filters for seismogram analysis and interpretation, deconvolution of seismograms and instrument correction - learn the analysis of seismic wave fields by means of array methods - understand multichannel filter process - understand the relationship between array geometry, inherent array resolution limits, or spatial aliasing artifacts, and strategies to avoid them - develop, design and install an array in practice - understand the advantages of array techniques and their fields of application, e.g. to investigate interdisciplinary geoscientific relationships in the Earth system - being able to perform scientific analysis of interactions in the Earth system - understand the basics for independent scientific work

Course ID	Course Type	Course Title			
115797	VU	Seismic Hazard Analysis			
Lecturer		Day and Time	Frequency	Room	Start
Fabrice Cotton		Thursday 12:30	weekly	2.27 2.37/38	16/10/2025
Fabrice Cotton		Thursday 14:15	weekly	2.27 2.37/38	16/10/2025

Comment
In this course, the basics of earthquake hazard estimation will be presented and discussed. We will understand why earthquakes generate damages and how seismological (but also geological and geodetic) data can be used to estimate the size, location and frequency of future earthquakes (seismic source models). We will discuss the different factors that control the frequency and amplitude of seismic shaking and learn how to develop and use seismic motion prediction models. We will discuss the interface between science and decision making and how probabilistic seismic hazard estimation models are established and used. Finally, we will discuss the potential (and future) impact of earthquakes on urban areas and identify the main seismic hot spots on our planet. Practical applications of these notions will be taught from Jupyter notebooks. Training in the Python language and the most useful probabilistic notions in the field of risk estimation (e.g uncertainty evaluation) will be taught in this course.

Learning content
Course content Key ingredients of seismic hazard analysis Seismicity models (where ? how big ? how frequent ?) Ground-shaking models (factors controlling ”strong” ground-shaking) Understanding the probability concepts used in natural hazards evaluation Introduction to probabilities Hazard curves and hazard maps Capturing epistemic uncertainties (uncertainties due to the lack of knowledge) Decision-making in the context of geo-hazards Lessons from recent earthquakes Seismic hot spots (the seismic future of cities) Scientific programming (use of Python notebooks, Python programming)

Course ID	Course Type	Course Title			
115798	VU	Seismic Methods			
Lecturer		Day and Time	Frequency	Room	Start
Jens Tronicke		Wednesday 08:30	weekly	2.27 2.36	15/10/2025
Jens Tronicke		Wednesday 10:15	weekly	2.27 2.36	15/10/2025

Comment
This course (GEW-MF114) is part of MSc Geosciene and represents a specialization module for students with a keen interest in Geophysics. It includes weekly lectures and exercises introducing active seismic methods (such as reflection and refraction seismics) and their diverse applications. In addition to the theoretical and physical fundamentals, the course conveys basic aspects of data acquisition, processing, and interpretation. The first meeting with an introduction and more details will be on Wednesday, Oct 15 at 8:30 (room 2.27.2.36) .

Course ID	Course Type	Course Title			
115799	VU	Seismic Methods (block course)			
Lecturer		Day and Time	Frequency	Room	Start
Jens Tronicke			Block		

Course ID	Course Type	Course Title			
115800	VU	Electrical and Electromagnetic Methods			
Lecturer		Day and Time	Frequency	Room	Start
Julien Guillemoteau		Tuesday 08:30	weekly	2.27 2.37/38	14/10/2025
Julien Guillemoteau		Tuesday 10:15	weekly	2.27 2.37/38	14/10/2025
Comment					
This course is part of the in-depth module "Applied Geophysical methods II". It is recommended for the students following the focus in Geophysics with a keen interest in applied geophysics. It covers both theoretical and standard interpretation aspects for the subsurface geophysical imaging methods based on the theory of electromagnetics (i.e., DC, EMI and GPR). The first slot is scheduled on 22.10.24. If you want to participate to this module, please register on PULS or contact me at julieng@uni-potsdam.de .					

Course ID	Course Type	Course Title			
115801	VU	Advanced Petrology			
Lecturer		Day and Time	Frequency	Room	Start
Patrick O'Brien		Tuesday 12:30	weekly	2.27 2.49	14/10/2025
Patrick O'Brien		Tuesday 14:15	weekly	2.27 2.49	14/10/2025

Course ID	Course Type	Course Title			
115802	SU	Experimental Mineralogy-Petrology			
Lecturers		Day and Time	Frequency	Room	Start
Sergey Lobanov, Wolfgang Morgenroth, Dirk Spengler			single event		
Sergey Lobanov, Wolfgang Morgenroth, Dirk Spengler			single event		
Comment					
This course ‘Experimental Mineralogy-Petrology’ is part of the module: GEW-MF22 – ‘Physicochemical Mineralogy-Petrology' learning goals of the module are: conducting high-pressure/high-temperature laboratory experiments on minerals, glasses and rocks to better understand magmatic and metamorphic processes in nature components of the module are: one course in WiSe or SoSe ('Experimental Mineralogy-Petrology') and one course in SoSe ('Mineral Physics and Spectroscopy') in this course 'Experimental Mineralogy-Petrology' you will be: conducting experiments examine the resulting material with various analytical methods prepare a short presentation and report After a pre-meeting (October xxth, xx:xx, room x.xx), you will carry out your experiments and analysis in approx. 4 - 6 laboratory appointments.					
Remark					
Students interested in this course are asked to join our pre-meeting for this course which includes the selection of projects: xx, October xxth, at xx:xx in room x.xx. In case you can not join in person, please contact Melanie Sieber, melanie.sieber@uni-potsdam.de , or Wolfgang Morgenroth, wolfgang.morgenroth@uni-potsdam.de , by email.					

Course ID	Course Type	Course Title			
115803	VS	Geofluids and Clay Mineralogy			
Lecturers		Day and Time	Frequency	Room	Start
Maria Kokh, Anja Schleicher, Max Wilke		Monday 14:15	weekly	2.27 2.49	13/10/2025
Maria Kokh, Anja Schleicher, Max Wilke		Tuesday 16:15	weekly	2.27 2.49	14/10/2025
Comment					
One part of the course will deal with the role of aqueous fluids in geochemical processes. We will discuss their properties at geological conditions and the chemical thermodynamics of fluids. We will discuss what samples of geological fluids are available and how we can understand them. We will discuss fluid-rock interactions and how they influence large-scale geological processes. Knowledge of thermodynamics is very helpful to follow this course. The second part of the course will deal with the role of clay minerals in geological processes. We will discuss their unique properties, analytical techniques to study clays and how they can be used as engineeering materials. We will meet for the first time on Oct 15 at 16:15 with a short introductory					

Course ID	Course Type	Course Title			
115804	VU	Stress Field of the Earth's Crust			
Lecturer		Day and Time	Frequency	Room	Start
Arno Zang		Monday 14:15	weekly	2.27 2.37/38	13/10/2025
Arno Zang			Block		

Comment

This course aims to give an overview to the state of stress in the Earth’s crust and its application to local and regional tectonics. The first part of this course is the very foundation of rock mechanics, and introduces mechanical stress, fracture criteria and simple crustal stress models. The second part deals with stress measuring methods in practice today and is divided logically into borehole and core-based methods. Naturally, the more commonly accepted methods like overcoring, hydraulic fracturing, and borehole breakouts, are given added emphasis. The third part describes stress profiles in the Earth’s crust obtained in recent international field projects to investigate earthquake ruptures and fracture processes in energy technology context (geologic repositories and geothermal energy). Local stress data from specific wellbores are related to regional tectonic stresses and the plate tectonics.

Literature

Zang A, Stephansson O (2010) Stress Field of the Earth’s Crust. Springer- Verlag. ISBN: 978-1-4020-8443-0

Course ID	Course Type	Course Title			
115805	VU	Radiogenic Isotope Geochemistry and Geochronology			
Lecturers		Day and Time	Frequency	Room	Start
Rolf Romer, Masafumi Sudo		Wednesday 16:15	weekly	2.27 2.36	15/10/2025
Rolf Romer, Masafumi Sudo		Thursday 14:15	weekly	2.27 2.36	16/10/2025

Comment

Radiogenic isotopes are important geochemical tools. The decay of a radioactive isotope eventually produces a stable (radiogenic) isotope. The process changes the isotopic composition of elements with one or several radiogenic isotopes. This change in isotopic composition can be used in two ways: (i) The concentration ratios of the produced daughter isotope to the present parent isotope can be used to determine the age of minerals and indirectly of geological processes. Systems suitable for the dating of geologically old magmatic and metamorphic rocks include among others the parent-daughter pairs of 40K-40Ar, 87Rb-87Sr, 147Sm-144Nd, and 238U-206Pb. (ii) The isotopic composition of elements with radiogenic isotopes changes through time. Because different geochemical reservoirs have contrasting parent-to-daughter ratios, they will with time develop different isotopic compositions, which in turn can be used to fingerprint the sources of rocks or to quantify contributions from different reservoirs by mass balance.
The class is presenting the most commonly used systems for isotopic dating and provides examples on the use of radiogenic isotopes as geochemical tracers. There will be reading assignments and short presentations by students in each following part: - Rb-Sr, Sm-Nd, Lu-Hf, Re-Os and U-Pb systems, by apl. Prof. Dr. Rolf Romer - K-Ar system and Ar/Ar dating, noble gas isotopes, by Dr. Masafumi Sudo We start the first lecture (90 minutes) from 16:15 on the October 15th at room 2.07 of House 27.

Course ID	Course Type	Course Title			
115806	VU	Fundamentals of geothermics of the Earth's crust			
Lecturers		Day and Time	Frequency	Room	Start
Sven Fuchs, Ben Norden		Tuesday 09:00	Block	N N. (extern)	24/02/2026

Comment

Video Teaser (youtube) Der Kurs wird wie folgt angeboten. Blockkurs KW 12/KW13 (17.-25.03.2026 (4 Blöcke a 90 min täglich + Feld und Laborarbeiten) am GFZ Potsdam (Telegrafenberg, Haus A69); Prüfung am 27.03.2026, 10 Uhr. Der Kurs findet nur statt, wenn zum Ende der Belegungsfrist mind. 5 Teilnehmer eingeschrieben sind. The course takes place only if a minimum of 5 students are registered by the end of the enrollment period.

Requirement

Grundlegende Kenntnisse in den Geowissenschaften (BS) Interesse an einem oder mehreren der folgenden Arbeits- und Forschungsfelder: Geothermie, Geodynamik, Geophysik

Literature

Turcotte, D.L., and Schubert, G. (2002). Geodynamics: Cambridge University Press. Beardsmore, G. R. and J. P. Cull (2001). Crustal Heat Flow: A Guide to Measurement and Modelling. Cambridge, University Press. Haenel, R., L. Rybach and L. Stegena (1988). Handbook of terrestrial heat-flow density determination. Dordrecht, Kluwer Academic Publishers. Allen, Philip A., and John R. Allen ( ). . John Wiley & Sons.

Remark
Das Modul vermittelt grundlegende Kenntnisse zu Wärmetransportvorgängen und die daraus resultierende Wärme- und Temperaturverteilung der Erdkruste. Neben theoretischen und physikalischen Grundlagen zu thermischen Gesteinsparametern und thermischen Feldern werden gängige Verfahren zur Bestimmung der thermischen Eigenschaften vorgestellt; dabei wird auf die Gewinnung und Bearbeitung der (Mess-) Daten und die Interpretation der Resultate eingegangen. Die Relevanz thermischer Prozesse wird für geodynamische Vorgänge (plattentektonische sowie bezogen auf Prozesse der Sedimentbeckenbildung) ebenso beleuchtet, wie für eine wirtschaftliche Nutzung des unterirdischen Raums (Geothermie, Endlagerung, Speicherung, etc.). In den begleitenden Übungen werden die erlernten Methoden an realen Beispieldatensätzen vertieft. Labormessungen , ein Messtag im Gelände , sowie ein anschließender 2-tägiger Modellierungskurs (im Rahmen des 1-wöchigen Blockkurses) zur Auswertung der gewonnen Daten führen praxisnah in die Gewinnung und Verwertung thermischer Daten und in die Grundzüge der thermischen Modellierung ein. The module provides basic knowledge of heat transport processes and the resulting heat and temperature distribution of the Earth's crust. In addition to theoretical and physical fundamentals of thermal rock parameters and thermal fields, common methods for the determination of thermal properties are presented; the acquisition and processing of (measurement) data and the interpretation of the results are addressed. The relevance of thermal processes will be highlighted for geodynamic processes (plate tectonic as well as related to sedimentary basin formation processes) as well as for an economic use of the subsurface space (geothermal energy, disposal, storage, etc.). In the accompanying exercises, the learned methods are deepened on real example data sets. Laboratory measurements, a measurement day in the field, and a subsequent 2-day modeling course (as part of the 1-week block course) to evaluate the data obtained provide a practical introduction to the acquisition and utilization of thermal data and the basic principles of thermal modeling.
Learning content
Lernziele : Verständnis der thermischen Gesteinsparameter, ihrer Variabilität und der thermisch wirksamen Prozesse innerhalb der Erdkruste Verständnis der Relevanz für geodynamische Vorgänge oder die Nutzung des unterirdischen Raums (Geothermie, Endlagerung, Speicherung, etc.) Learning Objectives: Understanding of thermal rock parameters, their variability, and thermally effective processes within the Earth's crust. Understanding of the relevance to geodynamic processes or the use of subsurface space (geothermal energy, disposal, storage, etc.).

Course ID	Course Type	Course Title			
115807	VU	Organic Geochemistry			
Lecturers		Day and Time	Frequency	Room	Start
Christian Hallmann, Kai Mangelsdorf, Stefanie Pötz, Hans-Martin Schulz, Andrea Vieth-Hillebrand			Block		

Comment
This course will cover the fundamentals of organic geochemistry, which is the discipline that studies the origin, conversion and fate of organic matter on Earth, and attempts to reconstruct the impact and processes that the biosphere had on the Earth system. In lectures we will cover (amongst other themes) carbon fixation and bioproductivity, aspects of lipid biosynthesis, biomass burial and the global carbon cycle, the formation and composition of fossil fuels, paleoclimate reconstructions, environmental geochemistry and what ancient molecules tell us about the evolution of life on Earth. In the practical part of the course, we will gain hands-on experience by processing rock samples, extracting and simplifying their molecular organic inventory and analyzing the latter using gas chromatography and mass spectrometry, followed by interpretation of fossil biomarker molecules. The course will be held as a block at the end of the semester, starting on xx xx 2023, allowing us to mix lectures and laboratory work. The location will be external at the German Research Center for Geosciences (GFZ) that is located on the Telegrafenberg in Potsdam, and which can be conveniently reached by public transport.

Course ID	Course Type	Course Title			
115808	VU	Permafrost Landscapes			
Lecturers		Day and Time	Frequency	Room	Start
Jens Strauss, Anna Irrgang		Wednesday 08:30	weekly	2.27 2.07	15/10/2025
Jens Strauss, Anna Irrgang		Wednesday 10:15	weekly	2.27 2.07	15/10/2025

Learning content
Content: This module offers a comprehensive introduction to the formation, structure, and transformation of permafrost landscapes. It covers fundamental processes related to the freezing and thawing of permafrost soils, including associated fluxes of matter. A central focus is the interaction between water, energy, and matter cycles—and how these influence the emission or uptake of greenhouse gases. Students will explore characteristic landforms of permafrost regions and how they are changing in response to environmental dynamics. Qualification goals: Students will acquire advanced knowledge of permafrost formation and properties and will be able to critically reflect on, analyze, and evaluate their significance within the global climate system. They will be capable of describing the geomorphological evolution of permafrost regions and of developing scenarios for past and future changes. Students will gain familiarity with the methods and techniques used to investigate permafrost characteristics and dynamics across various spatial and temporal scales. They will be equipped to participate in both discipline-specific and interdisciplinary discussions, provide constructive feedback on presentations, and critically assess, synthesize, and present scientific literature in this field of science.

Course ID	Course Type	Course Title			
115809	VS	Remote Sensing of Permafrost Regions			
Lecturer		Day and Time	Frequency	Room	Start
Guido Große		Tuesday 08:30	weekly	2.27 0.29/30	14/10/2025
Guido Große		Tuesday 10:15	weekly	2.27 0.29/30	14/10/2025

Comment
In this module, we will focus on remote sensing of terrestrial regions of the Arctic that are not glaciated but affected by permafrost - about one quarter of the northern hemisphere landmass is part of the permafrost zone and thus a huge diversity of landforms, land cover, processes, and dynamics are encountered that are partially or fully driven by freezing and thawing processes on various spatial and temporal scales. These regions are vast, far away, logistically challenging, and data-sparse. Remote sensing therefore provides important tools to better understand how permafrost regions change in a rapdily warming Arctic and what the local to global feedbacks are. In this module, you will learn about Arctic Climate Change, the Cryosphere, and Permafrost in particular. Topics will include permafrost region land cover change, disturbances, and trends; Permafrost terrain and landforms; Thaw subsidence and frost heave; Permafrost coastal dynamics; and Thermokarst lake dynamics. You will learn how to use remote sensing data and techniques for characterizing and quantifying landscape dynamics in a rapidly changing Arctic. We will cover high resolution airborne data, high and medium resolution satellite imagery, LiDAR, Big Data and Machine Learning approaches with Google Earth Engine, and an overview into various remote sensing data processing and analysis methods. The remote sensing methods covered in this module can be applied also to other regions on Earth. You also will work on a specific semester project in a two-student team and work on milestones throughout the semester. The project topic will be selected by you at the beginning of the module and an oral presentation on the project outcome will conclude the project at the semester end.

Requirement
Seminars/Exercises will have a strong focus on Google Earth Engine and GIS Desktop systems. You will need to establish a free Google Earth Engine User Account. You will need to install QGIS on your computer. For one of the seminars on remote sensing of permafrost coastal erosion you will need to install the Digital Shoreline Analysis System (DSAS) on your computer.

Literature
The module will rely on research papers on remote sensing of permafrost regions. Detailed literature lists will be provided through Moodle. Here are some general literature examples on the topic: Permafrost: French, H. M. (2007) The Periglacial Environment, 3rd Edition, Wiley, ISBN: 978-0-470-86588-0, 478 pp. Remote Sensing of Permafrost Regions: Jorgenson MT, Grosse G (2016): Remote Sensing of Landscape Change in Permafrost Regions. Permafrost and Periglacial Processes, 27(4): 324-338. doi: 10.1002/ppp.1914. Remote Sensing of Permafrost Regions: Westermann S, Duguay C, Grosse G, Kääb A (2015): Remote sensing of permafrost and frozen ground. In: Tedesco M (ed.): Remote sensing of the Cryosphere, pp. 307-344. Hoboken, NJ, Wiley Blackwell, 408 p., doi: 10.1002/9781118368909.ch13.

Learning content
The students will learn about Arctic climate change, the cryosphere, and permafrost; Permafrost landscapes, disturbances, trends; Northern land cover and vegetation; Permafrost terrain and landforms; Thaw subsidence and frost heave; Permafrost coastal dynamics; and Thermokarst lake dynamics. The students will learn to use large amounts of data and techniques for characterizing and quantifying landscape dynamics in a rapidly changing Arctic: We cover high resolution airborne data (aircraft, drones), high and medium resolution satellite imagery (multispectral, SAR), lidar, Big Data approaches with Google Earth Engine, and machine learning methods. The module consists of lectures, hands-on exercises on computer workstations, and practical work on a specific semester project students will be able to select at the beginning of the semester. We will also have a Repetitorium / Q&A. Students will give a presentation of their remote sensing-themed semester project results. We will conclude the module with a written exam.

Course ID	Course Type	Course Title			
115810	VS	Nonlinear Data Analysis Concepts			
Lecturers		Day and Time	Frequency	Room	Start
Norbert Marwan, Metheus Palmero		Thursday 08:30	weekly	2.27 0.29/30	16/10/2025
Norbert Marwan, Metheus Palmero		Thursday 10:15	weekly	2.27 0.29/30	16/10/2025

Requirement
Basic understanding of mathematical concepts and statistics Capable to independently and creatively utilize numerical software like Python, Julia, or MATLAB Successful participation of the course "Data Analysis and Statistics" or similar course

Learning content
The lecture introduces the basic concepts of nonlinear dynamics and chaos and how they can be applied for the study of complex systems, spatiotemporal data, and nonlinear interrelationships in geosciences. The specific topics contain Basic terminology, dynamical systems, and simple prototypical models Dimensions, fractals Concept of symbolic dynamics Concept of phase space, phase space reconstruction, Lyapunov exponent and correlation sum Concept of recurrence in phase space, recurrence plots, recurrence quantification analysis Detection of regime transitions, statistical tests Concept of synchronization, coupling analysis Spatial and spatio-temporal data analysis using recurrence features Complex networks, network models, measures, network representations Functional networks, reconstruction of networks, climate networks Complex networks based time series analysis

Course ID	Course Type	Course Title			
115811	VU	Quantification of flow and transport processes for utilisation of the geological subsurface			
Lecturers		Day and Time	Frequency	Room	Start
Thomas Kempka, Michael Kühn		Monday 08:30	weekly	2.27 2.37/38	13/10/2025
Thomas Kempka		Monday 10:15	weekly	2.27 2.37/38	13/10/2025
Thomas Kempka			single event		

Comment
Bei Interesse an der Veranstaltung bitte unbedingt per Mail bei mir (kempka1@uni-potsdam.de) melden, um Informationen zum virtuellen Veranstaltungsort zu erhalten. Please contact me via mail (kempka1@uni-potsdam.de) if you are interested in participating to receive information on virtual lecture room . Rückfragen zur Veranstaltung beantworte ich gerne via E-Mail.

Requirement
Grundlegende Kenntnisse in den Geowissenschaften, Mathematik, Chemie und Physik. Der erfolgreiche Besuch der Kurse MGEW06 und MGEW20 ist hilfreich, aber nicht zwingend für die Veranstaltung notwendig.

Literature
Ingebritsen, Sanford, Neuzil (2006) Groundwater in Geologic Processes, Cambridge University Press (mehrere Exemplare sind in der Bibliothek verfügbar).Weitere Literatur wird digital zur Verfügung gestellt.

Learning content
Dieses Modul vermittelt grundlegende Kenntnisse zur quantitativen Betrachtung von Prozessen in tiefen Grundwassersystemen mithilfe von analytischen und numerischen Modellen, welche im Rahmen der Veranstaltung durch die Studierenden unter Anleitung erarbeitet werden (Programmiersprache Python, keine Vorkenntnisse notwendig). Die erforderlichen mathematischen Grundlagen werden nachvollziehbar aufgefrischt und die Anwendung der Finite-Differenzen-Methode zur Erstellung numerischer Simulationsmodelle wird anhand zahlreicher praxisrelevanter Programmierbeispiele erarbeitet.

Course ID	Course Type	Course Title			
115812	VS	Earth Surface Deformation and Radar Satellite Interferometry (InSAR)			
Lecturers		Day and Time	Frequency	Room	Start
Sabrina Metzger, Carlos Raul Pena Hormazabal		Tuesday 14:15	bi-weekly	2.27 0.29/30	28/10/2025
Sabrina Metzger, Carlos Raul Pena Hormazabal		Tuesday 16:15	bi-weekly	2.27 0.29/30	28/10/2025
Comment					
You will learn how to get access to, process, interpret and model radar interferometric data to study crustal deformation phenomena like earthquakes, volcanic inflation, and interseismic strain accumulation. We will work with the open source software SNAP , kite and talpa from the pyrocko-software-suite. A basic knowledge of MATLAB and shell scripting is advantageous, but not mandatory. The main part will be taught in a 1-week-block course before the semester, plus some additional seminars during the semester. After familiarizing yourself with the processing routines during the block course you will pursue a personal project study during the semester and deliver a report on it. Additional SAR and InSAR methods and aspects will be touched in a student presentation cycle.					
Literature					
Hanssen, R. F. (2001), Radar Interferometry - Data interpretation and Error Analysis, Kuwer Academic Publishers, ISPB 0-7923-6945-9 Franceschetti, G., Lanari, R. (1999), Synthetic Aperture Radar processing, CRC Press, ISBN 0-8493-7899-0					

Course ID	Course Type	Course Title			
115813	VU	Earth Surface Deformation and Radar Satellite Interferometry (InSAR) (Block)			
Lecturers		Day and Time	Frequency	Room	Start
Sabrina Metzger, Carlos Raul Pena Hormazabal		Monday 09:00	Block	2.27 0.29/30	06/10/2025
Comment					
You will learn the basic theory of, and how to get access to, process, interpret and model radar interferometric (InSAR) data to study crustal deformation phenomena like earthquakes, volcanic inflation, and interseismic strain accumulation. We will work with the open source software SNAP , kite and talpa from the pyrocko-software-suite. A basic knowledge of MATLAB and shell scripting is advantageous, but not mandatory. The main part will be taught in a 1-week-block course before the semester, plus some additional seminars during the semester. After familiarizing yourself with the processing routines during the block course you will pursue a personal project study during the semester and deliver a report on it. Additional SAR and InSAR methods and aspects will be touched in a student presentation cycle.					
Literature					
Hanssen, R. F. (2001), Radar Interferometry - Data interpretation and Error Analysis, Kuwer Academic Publishers, ISPB 0-7923-6945-9 Franceschetti, G., Lanari, R. (1999), Synthetic Aperture Radar processing, CRC Press, ISBN 0-8493-7899-0					

Course ID	Course Type	Course Title			
115815	VS	Coastal Dynamics			
Lecturer		Day and Time	Frequency	Room	Start
Hugues Lantuit		Wednesday 14:15	weekly	2.27 1.10	15/10/2025
Hugues Lantuit		Wednesday 16:15	weekly	2.27 1.10	15/10/2025

Comment
This course is meant to provide future practitioners with a holistic understanding of coastal change and its implications. It is geared towards students in several fields taught at the university, including geoscience, remote sensing and geoecology 1) Skills: The students will learn basic concepts of coastal geomorphology and coastal processes. They will learn about the relevance of these processes in the real world and the methods used to study and/or address them 2) Methods: The students will learn how to quantitatively analyze wave dynamics, sediment transport and coastline dynamics 3) The students will be able to use the skills taught in the course to devise holistic studies of coastal dynamics, understanding coastal processes and their implications for coastal management The lecture will cover the following topics: - Coastal classifications - Shoreline definitions - Tectonics and coasts - Coastal landforms - Sea level change / Bruun rule - Wave theory - Littoral sediment budgets and cells - Wave energy and energy flux - Wave refraction and wave breaking - Wave set-up, set-down and run-up - Shoreface profiles - Cross-shore sediment transport - Nearshore currents - Longshore currents - Coastal engineering and coastal protection - Coastal ecology – aquatic ecosystems - Coastal ecology – subaerial ecosystems - Coastal biogeochemistry – natural carbon and nutrient influx - Coastal biogeochemistry – anthropogenic fluxes and eutrophication - Coasts and climate change - adaptation and mitigation strategies - Legal statuses of coastal systems - Coastal conservation - Integrated Coastal Zone Management (ICZM) - Legal statuses of coastal systems - Coastal conservation 1) Fachkompetenzen: Die Studierenden kennen die Grundlagetheorie der Küstenmorphologie sowie der Küstenprozesse, kennen wichtige Anwendungsfälle und können die einschlägigen Methoden verstehen. 2) Methodenkompetenzen Die Studierenden können Sedimenttransport und Küstenliniendynamik quantitativ analysieren. 3) Handlungskompetenzen Mit den erworbenen Fach- und Methodenkompetenzen können die Studenten eigenverantwortlich eine integrierte Studie zur Küstenbewegung planen, die relevante Aufgabenstellung setzen und diese selbständig bearbeiten. Die Vorlesung wird sich mit folgenden Aspekte der Küstendynamik befassen: - Coastal classifications - Shoreline definitions - Tectonics and coasts - Coastal landforms - Sea level change / Bruun rule - Wave theory - Littoral sediment budgets and cells - Wave energy and energy flux - Wave refraction and wave breaking - Wave set-up, set-down and run-up - Shoreface profiles - Cross-shore sediment transport - Nearshore currents - Longshore currents - Coastal engineering and coastal protection - Coastal ecology – aquatic ecosystems - Coastal ecology – subaerial ecosystems - Coastal biogeochemistry – natural carbon and nutrient influx - Coastal biogeochemistry – anthropogenic fluxes and eutrophication - Coasts and climate change - adaptation and mitigation strategies - Legal statuses of coastal systems - Coastal conservation - Integrated Coastal Zone Management (ICZM) - Legal statuses of coastal systems - Coastal conservation

Course ID	Course Type	Course Title			
115816	VU	Applied Mineralogy and Cultural Heritage			
Lecturers		Day and Time	Frequency	Room	Start
Steffen Laue, Max Wilke, Wolfgang Morgenroth		Tuesday 08:30	weekly	2.27 2.49	14/10/2025
Steffen Laue, Max Wilke, Wolfgang Morgenroth		Tuesday 10:15	weekly	2.27 2.49	14/10/2025

Comment
Many minerals and rocks are used as building materials or as materials in general. Historical buildings and artifacts are subject to weathering or general deterioration due to environmental influence. This course will introduce into mineralogical work on samples dealing with problems in cultural heritage, restoration and conservation. It will introduce to the field of building stones, cements and plaster, pigments and other materials. Further, there will be practical exercises with various methods on realistic samples.
Remark
This course will start on Tuesday, 14th of October at 10:30 h in room 2.49 with an introduction, 30 - 45 min. Details (place and time) for the other dates will be announced during this event.

Course ID	Course Type	Course Title			
115817	VU	Visualization and Communication (MS GSC)			
Lecturer		Day and Time	Frequency	Room	Start
Martin Trauth		Monday 09:15	weekly	2.27 1.10	13/10/2025
Martin Trauth		Monday 10:15	weekly	2.27 1.10	13/10/2025

Comment
The module syllabus is based on the instructor's textbook and includes literature and data research, identifying scientific and controversial material, drafting a data analysis project, using modern visualization techniques, and presentation techniques for an expert or lay audience as well as decision-makers.

Literature
Trauth, M.H., Sillmann, E. (2018) Collecting, Processing and Presenting Geoscientific Information, MATLAB® and Design Recipes for Earth Sciences – Second Edition. Springer Verlag, 274 p., Supplementary Electronic Material, Hardcover, ISBN: 978-3-662-56202-4.
Remark
The course consists of three parts: (1) Lectures and demos on Mondays 12:15-15:45 in person in room 2.27.1.10 and live on Zoom. (2) Q/A and student's weekly challenges. (3) Seminar with invited lectures / departmental colloquium

Course ID	Course Type	Course Title			
115818	VU	Visualization and Communication (MS RGV)			
Lecturers		Day and Time	Frequency	Room	Start
Bodo Bookhagen, Manfred Strecker		Thursday 12:30	weekly	2.27 1.10	16/10/2025
Bodo Bookhagen, Manfred Strecker		Thursday 14:15	weekly	2.27 1.10	16/10/2025
Comment					

Course ID	Course Type	Course Title			
115819	V	Planetary Remote Sensing			
Lecturers		Day and Time	Frequency	Room	Start
Solmaz Adeli, Gabriele Arnold		Wednesday 12:15	weekly	2.27 1.10	15/10/2025
Gabriele Arnold			single event		
Comment					
The lecture is intended for Master students of Earth Sciences and the course Remote Sensing, Geoinformation and Visualization. The lecture covers the basics of remote sensing with a focus on the specifics of planetary remote sensing. The course will also focus on the inner solar system and its exploration using the developed methods. The course includes a field trip to the Institute of Planetary Research of the German Aerospace Center (DLR) in Berlin-Adlershof.					
Literature					
Literature will be announced during the lecture.					
Learning content					
Fundamentals of planetary remote sensing and inner solar system.					

Course ID	Course Type	Course Title			
115820	VU	Earthquake and Volcano Deformation			
Lecturer		Day and Time	Frequency	Room	Start
Thomas Walter		Wednesday 14:15	weekly	2.27 2.37/38	15/10/2025
Thomas Walter		Wednesday 16:15	weekly	2.27 2.37/38	15/10/2025

Comment
Volcanoes and earthquakes deform on different scales. Magma chambers inflate and cause a volcano to rise. Faults are displaced and cause surface deformation. Slow changes such as cooling, compaction, or creep lead to major landforms on geologic time scales. The goal of this module is to better understand deformation processes and learn basic techniques and data analysis methods for quantifying them. This module provides an introduction to volcanic and tectonic deformation processes, with a special emphasis on cross-disciplines that include geological field observations, geodetic monitoring technologies, and geophysical interpretation tools. Geologic and geophysical field techniques as well as active and passive remote sensing methods are explained and applied to study deformation processes related to gravity tectonics, spreading, body forces, magma tectonics, dyke emplacement and cooling, and faulting associated with earthquakes and slip events. In addition, the course examines the couplings between volcanoes and tectonic processes. The student will learn many different techniques and analysis approaches, from manual pixel and feature tracking, to image cross correlation and particle image velocimetry, to topography change and DEM of difference analysis, to radar interferometry (InSAR), and finally gain insight into basic modeling techniques. During the course, theory and examples will be explained by the instructor, followed by group work in class and a small weekly homework assignment to practice the analysis. The main objectives of the course are (1) to gain a better understanding of the processes and sources associated with volcanoes and earthquakes, (2) to gain an overview of commonly used and innovative methods for quantifying and analyzing deformation, and (3) to train creative thinking and selection strategies for data and methods. Detailed materials for the online course, data and tools, weekly homeworks and results are available on the Moodle site (Earthquake and Volcano Deformation WS24-25).
Literature
Segall, P. 2010, Earthquake and Volcano Deformation, Princeton University Press, 456 pp.; Dzurisin, D. 2006, Volcano Deformation, Springer Verlag, 256pp.; additional materials will be posted on the course website
Learning content
More details and exchange of materials will be provided on the moodle pages related to the course .

Course ID	Course Type	Course Title			
116204	V	Earth System Science			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Bodo Bookhagen		Tuesday 14:15	weekly	2.27 1.10	14/10/2025
Bodo Bookhagen		Tuesday 16:15	bi-weekly	2.27 1.10	14/10/2025
Bodo Bookhagen		Tuesday 16:15	bi-weekly	2.27 1.10	21/10/2025

Course ID	Course Type	Course Title			
116206	PR	Industry Internship or Practical Application			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Bodo Bookhagen			single event		

Course ID	Course Type	Course Title			
116207	PR	Extended Industry Internship or Practical Application			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Bodo Bookhagen			single event		

Course ID	Course Type	Course Title			
116208	VU	Spatial data analysis with numerical methods			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Aljoscha Rheinwalt		Monday 09:00	Block	2.27 0.29/30	09/02/2026
Comment					
This seminar en block will take place on six full days in February in the computer lab of house 27 (ground floor). The dates are the 9th, 10th, 12th, 13th, 19th and 20th of February.					

Course ID	Course Type	Course Title			
116480	PU	Electrical and Electromagnetic Methods (block course)			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Julien Guillemoteau			single event		

Comment
This course is part of the in-depth module "Applied Geophysical methods II". It is recommended for the students following the focus in Geophysics with a keen interest in applied geophysics. It covers both theoretical and standard interpretation aspects for the subsurface geophysical imaging methods based on the theory of electromagnetics (i.e., DC, EMI and GPR). The first slot is scheduled on 22.10.24. If you want to participate to this module, please register on PULS or contact me at julieng@uni-potsdam.de .

Course ID	Course Type	Course Title			
116742	VU	Environmental Spatial Statistics and Models			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Wolfgang Schwanghart		Monday 14:15	weekly	2.27 0.29/30	13/10/2025
Wolfgang Schwanghart		Monday 16:15	weekly	2.27 0.29/30	13/10/2025

Course ID	Course Type	Course Title			
116743	VU	Geoinformation Systems			
Lecturer		**Day and Time**	**Frequency**	**Room**	**Start**
Wolfgang Schwanghart		Wednesday 08:30	weekly	2.27 0.29/30	15/10/2025
Wolfgang Schwanghart		Wednesday 10:15	weekly	2.27 0.29/30	15/10/2025

Digital Engineering Faculty

Digital Engineering Faculty
Prof.-Dr.-Helmert-Str. 2-3
14482 Potsdam

https://www.uni-potsdam.de/en/digital-engineering/

Hasso-Plattner-Institute for IT-Systems Engineering					
Course ID	Course Type	Course Title			
117549	VU	Deep Learning			
Lecturer		Day and Time	Frequency	Room	Start
Christoph Lippert			weekly		
Comment					
Bei Interesse schreiben Sie bitte eine Mail an: studentaffairs@hpi.de If you are interested, please send an e-mail to: studentaffairs@hpi.de					
Course ID	Course Type	Course Title			
117592	V	Algorithmic folding			
Lecturer		Day and Time	Frequency	Room	Start
Patrick Markus Baudisch			weekly		
Comment					
Bei Interesse schreiben Sie bitte eine Mail an: studentaffairs@hpi.de If you are interested, please send an e-mail to: studentaffairs@hpi.de					
Requirement					
Für die Teilnahme an der Veranstaltung ist ein Nachweis über Englischkenntnisse auf dem Niveau C1 (gemäß des Gemeinsamen Europäischen Referenzrahmens) verpflichtend erforderlich. Ohne diesen Nachweis ist eine Belegung leider nicht möglich. Proof of English language proficiency at level C1 (according to the Common European Framework of Reference) is mandatory for participation in this course. Without this proof, it is unfortunately not possible to participate.					
Course ID	Course Type	Course Title			
117596	VU	Cryptography			
Lecturer		Day and Time	Frequency	Room	Start
Anja Lehmann			weekly		
Comment					
Bei Interesse schreiben Sie bitte eine Mail an: studentaffairs@hpi.de If you are interested, please send an e-mail to: studentaffairs@hpi.de					
Requirement					
Für die Teilnahme an der Veranstaltung ist ein Nachweis über Englischkenntnisse auf dem Niveau C1 (gemäß des Gemeinsamen Europäischen Referenzrahmens) verpflichtend erforderlich. Ohne diesen Nachweis ist eine Belegung leider nicht möglich. Proof of English language proficiency at level C1 (according to the Common European Framework of Reference) is mandatory for participation in this course. Without this proof, it is unfortunately not possible to participate.					
Course ID	Course Type	Course Title			
117617	VU	Graph Algorithms			
Lecturer		Day and Time	Frequency	Room	Start
Tobias Friedrich			weekly		
Comment					
Bei Interesse schreiben Sie bitte eine Mail an: studentaffairs@hpi.de If you are interested, please send an e-mail to: studentaffairs@hpi.de					

Requirement
Für die Teilnahme an der Veranstaltung ist ein Nachweis über Englischkenntnisse auf dem Niveau C1 (gemäß des Gemeinsamen Europäischen Referenzrahmens) verpflichtend erforderlich. Ohne diesen Nachweis ist eine Belegung leider nicht möglich. Proof of English language proficiency at level C1 (according to the Common European Framework of Reference) is mandatory for participation in this course. Without this proof, it is unfortunately not possible to participate.

Course ID	Course Type	Course Title			
117644	P	Advanced Behavioral Modeling and Analysis			
Lecturer		Day and Time	Frequency	Room	Start
Mathias Weske			weekly		

Comment
Bei Interesse schreiben Sie bitte eine Mail an: studentaffairs@hpi.de If you are interested, please send an e-mail to: studentaffairs@hpi.de

Requirement
Für die Teilnahme an der Veranstaltung ist ein Nachweis über Englischkenntnisse auf dem Niveau C1 (gemäß des Gemeinsamen Europäischen Referenzrahmens) verpflichtend erforderlich. Ohne diesen Nachweis ist eine Belegung leider nicht möglich. Proof of English language proficiency at level C1 (according to the Common European Framework of Reference) is mandatory for participation in this course. Without this proof, it is unfortunately not possible to participate.

Course ID	Course Type	Course Title			
117651	VU	Health and Disease Core Competencies			
Lecturer		Day and Time	Frequency	Room	Start
Lothar Wieler			weekly		

Comment
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Requirement
Für die Teilnahme an der Veranstaltung ist ein Nachweis über Englischkenntnisse auf dem Niveau C1 (gemäß des Gemeinsamen Europäischen Referenzrahmens) verpflichtend erforderlich. Ohne diesen Nachweis ist eine Belegung leider nicht möglich. Proof of English language proficiency at level C1 (according to the Common European Framework of Reference) is mandatory for participation in this course. Without this proof, it is unfortunately not possible to participate.

Course ID	Course Type	Course Title			
117663	S	"Ensuring Real-World Impact: key considerations for implementing digital health solutions "			
Lecturer		Day and Time	Frequency	Room	Start
Lothar Wieler			weekly		

Comment
Bei Interesse schreiben Sie bitte eine Mail an: studentaffairs@hpi.de If you are interested, please send an e-mail to: studentaffairs@hpi.de

Requirement
Für die Teilnahme an der Veranstaltung ist ein Nachweis über Englischkenntnisse auf dem Niveau C1 (gemäß des Gemeinsamen Europäischen Referenzrahmens) verpflichtend erforderlich. Ohne diesen Nachweis ist eine Belegung leider nicht möglich. Proof of English language proficiency at level C1 (according to the Common European Framework of Reference) is mandatory for participation in this course. Without this proof, it is unfortunately not possible to participate.

Course ID	Course Type	Course Title			
117666	S	Digital Health Innovation and Entrepreneurship			
Lecturer		Day and Time	Frequency	Room	Start
Ariel Stern			weekly		

Comment
Bei Interesse schreiben Sie bitte eine Mail an: studentaffairs@hpi.de If you are interested, please send an e-mail to: studentaffairs@hpi.de

Requirement
Für die Teilnahme an der Veranstaltung ist ein Nachweis über Englischkenntnisse auf dem Niveau C1 (gemäß des Gemeinsamen Europäischen Referenzrahmens) verpflichtend erforderlich. Ohne diesen Nachweis ist eine Belegung leider nicht möglich. Proof of English language proficiency at level C1 (according to the Common European Framework of Reference) is mandatory for participation in this course. Without this proof, it is unfortunately not possible to participate.

Zessko - Center for Languages and KeyCompetencies

Zessko - Center for Languages and KeyCompetencies
Am Neuen Palais 10
14476 Potsdam

https://www.uni-potsdam.de/en/zessko

Center for Languages and Key Competencies - Languages Unit					
Course ID	Course Type	Course Title			
115071	U	UNIcert III/1 Englisch für akademische Zwecke			
Lecturer		Day and Time	Frequency	Room	Start
Elke Hirsch		Tuesday 08:00	weekly	3.06 1.19	14/10/2025
Comment					
Course title / Kursbezeichnung UNIcert III/1 English for Academic Purposes Requirements / Voraussetzungen The course is open to students with a placement test score of 70-79 points . Entry is also possible for students who have completed the UNIcert II/2 English for Academic Purposes course. Course description / Kursbeschreibung This is the first of two courses at the CEFR C1 level which prepare students for the UNIcert III English for Academic Purposes certificate exam that is held at the end of the second course, UNIcert III/2 English for Academic Purposes. It has been designed for students looking to enhance their language skills. Participants will have the opportunity to practice and develop all key language competencies -- listening, speaking, reading, and writing -- through a range of general and academic topics featured in the course material. Special focus will be given to selected areas of vocabulary and grammar, laying a solid foundation for independent study. Materials / Material Lehrbuch: New Language Leader Advanced Course Book (Units 1 - 6 will be dealt with in this course), ISBN 9781447961420 Recommendation: Order free of charge in the Pearson webshop @ https://www.pearson.de/shop (Please enter ISBN in the search field.) Discount code: NLL_ADV_MEL_2025 Reduced price: € 30.45 per book (instead of EUR 40.60) Additional course materials will be provided via Moodle. Testing / Leistungserfassung Assessment is based on presentations and tests, final test, and active course participation. Credits / LP 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the course test.					
Course ID	Course Type	Course Title			
115072	U	UNIcert III/2 Englisch für akademische Zwecke			
Lecturers		Day and Time	Frequency	Room	Start
Elke Hirsch		Thursday 08:00	weekly	3.06 1.19	16/10/2025
Nicholas Terpolilli		Thursday 12:00	weekly	3.06 1.19	16/10/2025

Comment
Course title / Kursbezeichnung UNIcert III/2 English for Academic Purposes Requirements / Voraussetzungen The course is open to students with a placement test score of 80-89 points . Entry is also possible for students who have completed any UNIcert III/1 course: English for Academic Purposes, English for Economics, Business Studies and Social Sciences, English for Natural Sciences Course description / Kursbeschreibung: This is the second of two courses at the CEFR C1 level which prepare students for the UNIcert III English for Academic Purposes certificate exam that is held at the end of the lecture period and in the week thereafter. It has been designed for students looking to enhance their language skills. Participants will have the opportunity to practice and develop all key language competencies -- listening, speaking, reading, and writing -- through a range of general and academic topics featured in the course material. Special focus will be given to selected areas of vocabulary and grammar, laying a solid foundation for independent study. This course is intended for students of the humanities and similar disciplines. Priority for admission will be given to students enrolled in humanities and philosophy-related degree programs. Materials / Material Lehrbuch: New Language Leader Advanced Course Book (Units 7 - 12 will be dealt with in this course), ISBN 9781447961420 Students' Book: New Language Leader Advanced Course Book with MyEnglishLab (gedrucktes Buch) ISBN 9781447961420 Rabattcode: NLL_ADV_MEL_2025 Angebotspreis mit Rabattcode: 30,45 EUR (statt 40,60 EUR) Additional course materials will be provided via Moodle. Testing / Leistungserfassung The UNIcert III exam at the end of the course will assess achievement of course aims, e.g., progress in all four language skills (reading, listening, speaking, and writing) and content knowledge. Credits / LP UNIcert III (C1 level) certificate and 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the UNIcert III exam

Course ID	Course Type	Course Title			
115073	U	UNIcert II/1 Englisch für akademische Zwecke			
Lecturer		Day and Time	Frequency	Room	Start
Dietmar Dombrowsky		Wednesday 08:00	weekly	3.06 1.19	15/10/2025

Comment
Course title / Kursbezeichnung UNIcert II/1 English for Academic Purposes / Englisch für akademische Zwecke Requirements / Voraussetzungen The course is open to students with a placement test score of 50-59 points . Course description / Kursbeschreibung This is the first of two courses at the CEFR B2 level which prepare students for the UNIcert II English for Academic Purposes certificate exam that is held at the end of the second course, UNIcert II/2 English for Academic Purposes. This course is designed for students looking to enhance their language skills. Participants will have the opportunity to practice and develop all key language competencies -- listening, speaking, reading, and writing -- through a range of general and academic topics featured in the course material. Special focus will be given to selected areas of vocabulary and grammar, laying a solid foundation for independent study. The course is open to students from all disciplines, offering a valuable opportunity to boost their linguistic abilities, no matter their field of study. Materials / Material Please bring along to the first class: New Language Leader Upper Intermediate Course Book with MyEnglishLab, ISBN: 9781447961543 New Language Leader Upper Intermediate Course Book & MyEnglishLab Recommendation: Order free of charge in the Pearson webshop @ https://www.pearson.de/shop (Please enter ISBN in the search field.) Discount code: NLL_UPP_MEL_2025 Reduced price: € 30.45 per book (instead of EUR 40.60) Additional course materials will be provided via Moodle. Testing / Leistungserfassung A course test at the end of the course will assess achievement of course aims, e.g. progress in all four language skills (reading, listening, and writing) and content knowledge. A presentation has to be held during the course. Credits / LP 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the course test.

Course ID	Course Type	Course Title			
115074	U	UNIcert II/2 Englisch für akademische Zwecke			
Lecturer		Day and Time	Frequency	Room	Start
Dietmar Dombrowsky		Wednesday 12:00	weekly	3.06 1.19	15/10/2025

Comment
Course title / Kursbezeichnung UNIcert II/2 English for Academic Purposes / Englisch für akademische Zwecke Requirements / Voraussetzungen The course is open to students with a placement test score of 60-69 points . Entry is also possible for students who have successfully completed the UNIcert II/1 English for Academic Purposes course. Course description / Kursbeschreibung This is the second of two courses at the CEFR B2 level which prepare students for the UNIcert II English for Academic Purposes certificate exam that is held at the end of the lecture period and in the week thereafter. This course is designed for students looking to enhance their language skills and/or prepare for a subject-specific or academic language course at the UNIcert III level. Participants will have the opportunity to practice and develop all key language competencies -- listening, speaking, reading, and writing -- through a range of general and academic topics featured in the course material. Special focus will be given to selected areas of vocabulary and grammar, laying a solid foundation for independent study. The course is open to students from all disciplines, offering a valuable opportunity to boost their linguistic abilities, no matter their field of study. Materials / Material Please bring along to the first class: New Language Leader Upper Intermediate Course Book with MyEnglishLab, ISBN: 9781447961543 New Language Leader Upper Intermediate Course Book & MyEnglishLab Recommendation: Order free of charge in the Pearson webshop @ https://www.pearson.de/shop (Please enter ISBN in the search field.) Discount code: NLL_UPP_MEL_2025 Reduced price: € 30.45 per book (instead of EUR 40.60) Additional course materials will be provided via Moodle. Testing / Leistungserfassung Students usually take the course test that is conducted in the last week of classes during class time. Alternatively, participants can also sign up for the UNIcert II exam which assesses achievement of course aims, e.g. progress in all four language skills (reading, listening, speaking, and writing) and content knowledge. Interested course participants will receive all necessary information concerning registration for the UNIcert II exam by e-mail at the beginning of registration, approximately in the 8th week of the lecture period. The UNIcert II certificate is a prerequisite for some Master degree programs, internships and study abroad programs such as ERASMUS exchanges. The UNIcert exam will be held in the last week of the lecture period and in the following week. Credits / LP 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the course test or the UNIcert II exam.

Course ID	Course Type	Course Title			
115097	U	UNIcert III/1 Englisch der Rechtswissenschaft			
Lecturers		**Day and Time**	**Frequency**	**Room**	**Start**
Peter Harvey		Monday 12:00	weekly	3.06 1.20	13/10/2025
Peter Harvey		Monday 14:00	weekly	3.06 1.20	13/10/2025
Joanna Thompson		Tuesday 12:00	weekly	3.06 1.20	14/10/2025
Tom Heaven		Wednesday 08:00	weekly	3.06 1.20	15/10/2025
Joanna Thompson		Thursday 15:00	weekly	3.06 0.15	16/10/2025
Tom Heaven		Friday 08:00	weekly	3.06 1.20	17/10/2025
Peter Harvey		Friday 12:00	weekly	3.06 1.19	17/10/2025
Peter Harvey		Friday 14:00	weekly	3.06 1.19	17/10/2025
Tom Heaven			Block		
Tom Heaven			Block		

Comment
PLEASE NOTE: If you are allocated a spot in the course, you must be present on the first day to secure your place. If, for any reason, you are unable to attend, please contact the course instructor as soon as possible. Course title / Kursbezeichnung UNIcert III/1 English for Law Requirements / Voraussetzungen The course is open to students with a placement test score of 70-100 points . Course description / Kursbeschreibung Group 3 (Teacher: Tom Heaven) The focus of the course is the development of professional language and communication skills for use in a legal context. Topics such as contract drafting, negotiation and client interviews among others will be dealt with during the course. The four key skills of reading, writing, listening and speaking are developed. This semester we will take part in an online project with The University of Georgia, based in Tbilisi, Georgia. Most classes will take place at Griebnitzsee, although some classes will take place on Zoom. Classes on 15th, 16th, 22nd and 23rd are due to take place on Zoom. Materials / Material Group 3 Course materials will be provided via Moodle. Testing / Leistungserfassung Group 3 A 90-minute written exam. Assessment of group presentations Course description / Kursbeschreibung Groups 4 and 5 (Teacher: Peter Harvey) This course looks at the development of the common law across the English-speaking world and how it has grown up differently from German or French law. We will consider the six 'core subjects': crime, tort, contract, equity, constitutional law and land law. We will however also spend time explaining German law in English, concentrating on those areas of law with which students are familiar in their German law courses. Materials / Material Groups 4 and 5 All material for this group is sent out as email attachments. Students are asked to give the lecturer their preferred email address. Testing / Leistungserfassung Groups 4 and 5 120 minute written test Credits / LP 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% on the written exam.

Course ID	Course Type	Course Title			
115098	U	UNIcert II/2 Englisch der Rechtswissenschaft			
Lecturer		Day and Time	Frequency	Room	Start
Joanna Thompson		Tuesday 10:00	weekly	3.06 1.20	14/10/2025
Joanna Thompson		Thursday 10:00	weekly	3.06 0.15	16/10/2025

Comment
PLEASE NOTE: If you are allocated a spot in the course, you must be present on the first day to secure your place. If, for any reason, you are unable to attend, please contact the course instructor as soon as possible. Course title / Kursbezeichnung UNIcert II/2 English for Law / Englisch der Rechtswissenschaft Requirements / Voraussetzungen The course is open to students with a placement test score of 55-69 points . Entry is also possible for students who have successfully completed the UNIcert II/1 English for Academic Purposes course. Course description / Kursbeschreibung The course will introduce participants to aspects of the legal systems and laws in English-speaking countries, specifically the United Kingdom and the United States, as well as encourage students to communicate information about their own legal system and laws. Students will practise language skills in legal contexts and will learn to express knowledge and opinions on legal topics. Materials / Material Course material will be available on Moodle and the teacher will contact participants before the first class to give them access to the Moodle course. Testing / Leistungserfassung 120-minute written test Credits / LP 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% on the written test.

Course ID	Course Type	Course Title			
116090	U	UNIcert III/2 Englisch der Naturwissenschaften			
Lecturers		Day and Time	Frequency	Room	Start
Theresa Gorman		Tuesday 08:00	weekly	3.06 0.12	14/10/2025
Nicholas Terpolilli		Thursday 08:00	weekly	3.06 1.20	16/10/2025

Comment
Requirements / Voraussetzungen The course is open to students with a placement test score of 80 - 100 points . Entry is possible for students who have completed UNIcert III/1 English for Natural Sciences, UNIcert III/1 English for Academic Purposes, UNIcert III/1 English for Economics and Social Sciences. Course description / Kursbeschreibung A wide range of topics relating to biology, computer science, chemistry, geoecology, physics, and psychology will be explored. Students will develop and refine their speaking, listening, reading, writing and project management skills through the following activities: reading academic journal articles in their chosen fields completing scientific case studies listening to and discussing talks by important scientists delivering class presentations on topics of their choice completing in-class writings on relevant topics Materials / Material We will use a range of articles from academic journals and journalistic sources such as New Scientist and The Conversation. Testing / Leistungserfassung The UNIcert III exam at the end of the course will assess achievement of course aims, e.g. progress in all four language skills (reading, listening, speaking, and writing) and content knowledge. Credits / LP UNIcert III (C1 level) certificate and 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the UNIcert III exam.

Course ID	Course Type	Course Title			
116091	U	UNIcert III/2 Englisch der Wirtschaftswissenschaften			
Lecturer		Day and Time	Frequency	Room	Start
Theresa Gorman		Tuesday 12:00	weekly	3.06 0.12	14/10/2025
Theresa Gorman		Thursday 08:00	weekly	3.06 0.12	16/10/2025
Comment					
Requirements / Voraussetzungen The course is open to students with a placement test score of 80 - 100 points . Entry is also possible for students who have completed UNIcert III/1 English for Natural Sciences, UNIcert III/1 English for Academic Purposes or UNIcert III/1 English for Economics, Business Studies and Social Sciences. Course description This is the second and final semester of the specialized language course which prepares students for UNIcert III English for Economics and Business Studies. Students will engage in intensive study of a business case in their chosen business area, writing and presenting the case analysis. Students will also also engage in listening, reading, discussing and writing about timely issues such as deglobalization, economic models, economic crises, monopolies, mergers and aquisitions, technology in the workplace, and diversity in business and economics. Materials Articles from Bloomberg Businessweek, LSE Business Review, Harvard Business Review, The Economist, The Conversation, as well as other business and academic journals. Testing The UNIcert III exam at the end of the course will assess achievement of course aims, e.g. progress in all four language skills (reading, listening, speaking, and writing) and content knowledge. Credits UNIcert III (C1 level) certificate and 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the UNIcert III exam.					

Course ID	Course Type	Course Title			
116092	U	UNIcert III/2 Englisch der Sozialwissenschaften			
Lecturer		Day and Time	Frequency	Room	Start
Steffen Skowronek		Tuesday 12:00	weekly	3.06 1.19	14/10/2025
Steffen Skowronek		Tuesday 12:00	single event	N N.	03/02/2026
Steffen Skowronek			single event		
Comment					
Course title / Kursbezeichnung UNIcert III/2 English for Social Sciences Requirements / Voraussetzungen The course is open to students with a placement test score of 80-100 points . Entry is also possible for students who have successfully completed any UNIcert III/1 course; (English for Academic Purposes, English for Economics, Business Studies and Social Sciences, English for Natural Sciences) Course description / Kursbeschreibung This is the second of two courses at the CEFR C1 level which prepare students for the UNIcert III English in Social Sciences certificate exam that is held at the end of the lecture period and in the week thereafter. Students will refine their writing, listening, reading and speaking skills in an academic context, the focus being on essay-writing, discussing and debating. They will also develop their analytical and communication skills at C1 level for use in academic and professional settings. Individual feedback will be provided on a regular basis. Materials / Material Course materials will be provided via Moodle and in class. Focus is placed on academic and professional genres such as articles in social science journals, non-fiction literature and academic textbooks in the field of social science, in addition to texts about current political and social developments from a variety of other media. C1-level UNIcert test preparation materials will be dealt with in the course and provided via Moodle – students are encouraged to use those independently. The UNIcert III certificate is useful as a prerequisite for Master's degrees, internships, study abroad and careers in sciences. Testing / Leistungserfassung The UNIcert III exam at the end of the course will assess achievement of course aims, e.g. progress in all four language skills (reading, listening, speaking, and writing) and content knowledge. Credits / LP UNIcert III (C1 level) certificate and 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the UNIcert III exam.					

Course ID	Course Type	Course Title			
116093	U	UNIcert III/1 Englisch der Wirtschafts- und Sozialwissenschaften			
Lecturer		Day and Time	Frequency	Room	Start
Theresa Gorman		Thursday 12:00	weekly	3.06 0.12	16/10/2025

Comment
Course title / Kursbezeichnung UNIcert III/1 English for Economics, Business Studies and Social Sciences Requirements / Voraussetzungen The course is open to students with a placement test score of 70-79 points . Entry is also possible for students who have completed the UNIcert II/2 English for Academic Purposes course. Course Description / Kursbeschreibung This is the first semester of a two-semester academic English course that prepares students for the UNIcert III exam. This course will use Units 1-6 of New Language Leader Advanced Course Book with MyEnglishLab , ISBN 9781447961420. Students are required to buy the book (see Moodle for discount code). Students will take up pressing economic and social issues in class discussions, simulations, debates, and short academic texts. Home study including reading, listening, vocabulary, and grammar work will enable students to take part in these activities, practising and refining their language ability. Materials / Material In addition to New Language Leader Advanced Course Book with MyEnglishLab, we will use excerpts from Business English Handbook Advanced and articles from source such as The Conversation. Testing / Leistungserfassung The final course grade will consist of: 20% attendance, participation, homework completion 30% class presentation and facilitated discussion 50% final exam Credits / LP 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% in each section of the course test.

Course ID	Course Type	Course Title			
116094	U	UNIcert IV/1 Englisch für akademische Zwecke			
Lecturer		Day and Time	Frequency	Room	Start
Theresa Gorman		Friday 12:00	weekly	3.06 0.15	17/10/2025

Comment
Course title / Kursbezeichnung UNIcert IV/1 English for Academic Purposes "Mapping the Digital Age: from digital present to future" Requirements / Voraussetzungen The course is open to students who have successfully completed any UNIcert III/2 Course; (English for Academic Purposes, English for Economics and Business Studies, English for Natural Sciences, English for Social Sciences.) Entry is also possible with a placement test score of 90-100 points . Course description / Kursbeschreibung Is artificial intelligence smoothing the way toward an enlightened utopia? Is Big Tech accelerating climate breakdown and the collapse of liberal democracy? In the public sphere, vibrant debates on the promise offered by digital technologies and the role of democratic oversight are taking place all around us. These debates invite each one of us to contemplate and shape our common digital future. Students in this course will engage with issues at the heart of our digital present and our trajectory into the digital future. This is the first of two courses at the CEFR C2 level which prepare students for the UNIcert IV exam and certificate. Students will refine all four language skills at CEFR C2 level for use in academic and professional settings. They will also develop their analytical and communication skills in order to add value to their future work teams. Materials / Material Course materials will be provided via Moodle and in class. Focus is placed on academic and professional genres such as peer-reviewed articles and policy papers; non-fiction literature in the fields of business, computer science, economics, various natural sciences, social science, and technology. Published C2-level test preparation materials such as Cambridge Proficiency exam exercises are also available in the Mediothek, and students are encouraged to use them independently. Testing / Leistungserfassung An exam at the end of the course will assess achievement of course aims, e.g. progress in all four language skills (reading, listening, speaking, and writing) and content knowledge. Credits / LP 6 credits (Leistungspunkte) or 6 ECTS points if these requirements are met: 80 % attendance and active course participation; a score of at least 55% on the final exam.

Center for Languages and Key Competencies - StudyPlus Unit					
Course ID	Course Type	Course Title			
116916	WS	Schreibberatung / englischsprachiger Workshop "Reading techniques"			
Lecturer		Day and Time	Frequency	Room	Start
Ariane Wittkowski			single event		
Course ID	Course Type	Course Title			
117500	BL	Cultural perspectives on climate change: How Different Cultures Interact with Nature			
Lecturer		Day and Time	Frequency	Room	Start
Grace Mbungu		Saturday 09:30	single event	1.19 3.19	01/11/2025
Grace Mbungu		Saturday 09:30	single event	1.19 3.19	15/11/2025
Grace Mbungu		Saturday 09:30	single event	1.19 3.19	22/11/2025
Grace Mbungu		Saturday 09:30	single event	1.19 3.19	06/12/2025

Comment
This interdisciplinary seminar explores how cultural values, such as definitions of power, profit, consumption, and environmental stewardship, shape human interactions with nature. Grounded in the idea that culture is often defined in contrast to nature, the seminar will examine how this perspective has contributed to environmental degradation, as well as how culture can play a role in nature restoration and sustainable development. By analyzing diverse cultural orientations and their relationships with the natural world, the course encourages students to critically assess global responses to the nature crisis. Key themes include environmental justice, sustainable development, and the social construction of value and consumption. Through scientific inquiry and interdisciplinary perspectives, students will explore how different societies perceive, interact with, and impact the environment. A major focus of the seminar is intercultural understanding. Students will engage with case studies from around the world and participate in group projects designed to foster dialogue across cultural boundaries. This interactive format supports the development of intercultural competence and offers practical tools for addressing global environmental challenges collaboratively. The seminar is conducted in English and is open to students from all disciplines.
Requirement
Regelmäßige und aktive Teilnahme, ein Referat oder ein Essay

Course ID	Course Type	Course Title
117510	U	Exploring Culture, Nature, and War through English Academic Writing and Presentation (English Academic Writing II)

Lecturers	Day and Time	Frequency	Room	Start
David James Prickett, Natalia Yaroshenko	Monday 10:15	weekly	1.19 3.18	13/10/2025

Comment
The seminar is conducted in English and is open to students from various universities as part of a COIL (Collaborative Online International Learning) format. Hybrid learning activities facilitate interactive and international collaboration. A key feature of this course is the mock conference format , where students will learn to present their research as if at an academic conference. They will write abstracts, develop research theses, and refine their academic writing and discussion skills. The methodological and key competencies acquired in the seminar contribute to the supplementary certificate "Intercultural Competence in Academic and Professional Contexts." --- Das Seminar untersucht die Wechselwirkungen zwischen Kultur, Natur und Krieg im globalen Kontext. Im Fokus stehen ökologische Zerstörung, gesellschaftliche Herausforderungen und Möglichkeiten zur Wiederherstellung von Ökosystemen nach Konflikten. Besondere Aufmerksamkeit gilt den ökologischen Folgen von Kriegen und bewaffneten Auseinandersetzungen weltweit, wobei historische und aktuelle Fallstudien betrachtet werden. Die Studierenden setzen sich mit zentralen Konzepten wie Ökozid, Umweltgerechtigkeit und nachhaltiger Entwicklung auseinander. Durch wissenschaftliche Analysen und interdisziplinäre Perspektiven untersuchen sie die langfristigen Auswirkungen von Krieg auf Umwelt und Gesellschaft und diskutieren Strategien zur ökologischen und kulturellen Wiederherstellung. Das Seminar wird auf Englisch angeboten und ist im Rahmen eines COIL-Formats (Collaborative Online International Learning) für Studierende verschiedener Universitäten offen. Hybrid-Lernaktivitäten ermöglichen eine interaktive und internationale Zusammenarbeit. Ein zentrales Element des Kurses ist das Mock Conference-Format , in dem die Studierenden lernen, ihre Forschungsergebnisse wie auf einer wissenschaftlichen Konferenz zu präsentieren. Sie verfassen Abstracts, entwickeln Forschungsthesen und verbessern ihre akademischen Schreib- und Diskussionsfähigkeiten. Die im Seminar vermittelten Methoden- und Schlüsselkompetenzen sind anrechenbar für das Zusatzzertifikat „Interkulturelle Kompetenz in Studium und Beruf” . --- ### #### ######### ####### ########’#### ### #########, ######## ## ###### # ########## #########. ####### ##### ########### ########## ##########, ########## ######## # ########## ######### # ############### ########. ######### ###### ######## ## ########## ######### #### # ######## ########## # ###### #####, ########## ######### ## ####### #####. ######## ############ # ######### #########, ###### ## ######, ########## ############## # ###### ########. ####### ######### ####### ## ################# ######## #### ######### ############ ######## #### ### ######### # ##########, # ##### ########## ######### ############ ## ########## ###########. ####### ########## ########## ##### ## ######### ### ######### ###### ############ # ####### COIL (Collaborative Online International Learning) . ######## ######### ########## ######## ############ ## ########## #########. ######## ########## ##### # ###### ########## ##########, ## ######## ######### ########### #### ########## ###, #### #### ###### ###### # ########## ##########. #### ########## ####, ############## ########### ######### ## ################## ####### ########### ###### # ########. ######### ## ####### ##########, ####### ### ### ########, ######## ######### ########## ########## «########### ############## # ########### ## ########### #########» .

Course ID	Course Type	Course Title			
117511	U	INTERFACE: English Oral Proficiency and Intercultural Competence			
Lecturer		Day and Time	Frequency	Room	Start
David James Prickett		Thursday 14:15	weekly	1.19 3.18	16/10/2025

Affiliated Institutes

Affiliated Institutes

Law Faculty

Law Faculty
August-Bebel-Str. 89
14482 Potsdam

https://www.uni-potsdam.de/en/jura/

Law Faculty					
Course ID	Course Type	Course Title			
115874	BL	Basic structures and Europeanisation of German administrative law			
Lecturer		Day and Time	Frequency	Room	Start
Alexander Windoffer		Monday 16:00	single event	3.06 S16	20/10/2025
Alexander Windoffer		Thursday 12:00	single event	3.06 S22	29/01/2026
Alexander Windoffer		Friday 12:00	single event	3.06 S14	30/01/2026
Alexander Windoffer		Saturday 12:00	single event	3.06 S14	31/01/2026
Comment					
According to the Discipline-Specific Regulations for MANIA, this module „conveys knowledge about the legal factors affecting administrative work in the national and supranational contexts. Students will learn the basic structures of German administrative law, but also focus their attention on the Europeanization of administrative law". In this sense, this block seminar includes 11 topics dealing with the system and hierarchy of sources of administrative law, the rule of law principles for administrative procedures and decisions, forms of administrative action under public law and private law, the administrative structure and organisation in Germany and the EU and the administrative implementation of EU law, the legal status and administrative tasks of local authorities in a European comparison and the impact of EU law in different fields such as environmental law, the simplification of establishment and service provision, and the regulation of network industries. Finally, the German system of judicial proceedings before administrative courts (again including EU impact) and the state liability of the EU and of member states for violation of EU law will be examined. The module exam comprises an oral presentation of approx. 30 min. and an associated term paper of 15-20 pages. As a supplementary exam work, a research exposé of approx. 5 pages followed by a feedback reflects the mid-term processing status. Pre-existing legal knowledge in the field of constitutional, administrative, and EU law is not required but beneficial. In addition, participants shall take into account that adequate German language skills facilitate access to the predominant German literature. The number of participants is limited to 11. Any necessary selection procedure will be carried out according to § 9b BAMA-O.					
Remark					
Link to Moodle: https://moodle2.uni-potsdam.de/course/view.php?id=46397					

Faculty of Health Sciences

Faculty of Health Sciences
Am Neuen Palais 10
14476 Potsdam

https://www.uni-potsdam.de/en/fakultaeten/fakultaet-fuer-gesundheitswissenschaften

Faculty of Health Sciences					
Course ID	Course Type	Course Title			
116933	V	Bevölkerungsmedizinische Grundlagen			
Lecturers		Day and Time	Frequency	Room	Start
N.N. (Professoren), Michael Rapp		Thursday 16:15	weekly	1.12 0.01	16/10/2025
Comment					
Teaching conducted by the Professorships of Prof. Wippert and Prof. Rapp.					
Course ID	Course Type	Course Title			
116954	V	Ethik in den Gesundheitswissenschaften			
Lecturers		Day and Time	Frequency	Room	Start
Robert Ranisch, Anja Pichl, Ruben Andreas Sakowsky		Friday 09:00	bi-weekly	N N. (extern)	17/10/2025
Course ID	Course Type	Course Title			
116953	U	Ethik in den Gesundheitswissenschaften			
Lecturers		Day and Time	Frequency	Room	Start
Robert Ranisch, Anja Pichl, Ruben Andreas Sakowsky		Friday 10:30	bi-weekly	N N. (extern)	17/10/2025
Course ID	Course Type	Course Title			
116952	V	Einführung in die Epidemiologie			
Lecturer		Day and Time	Frequency	Room	Start
N.N. (Professoren)		Wednesday 09:00	bi-weekly	N N. (extern)	22/10/2025
Course ID	Course Type	Course Title			
116951	V	Biostatistik I			
Lecturer		Day and Time	Frequency	Room	Start
N.N. (Professoren)		Wednesday 09:00	bi-weekly	N N. (extern)	15/10/2025
Course ID	Course Type	Course Title			
116950	S	Biostatistik I			
Lecturer		Day and Time	Frequency	Room	Start
N.N.		Wednesday 10:30	bi-weekly	N N. (extern)	15/10/2025
Course ID	Course Type	Course Title			
116949	V	Körperliche Aktivität in Therapie und Prävention			
Lecturers		Day and Time	Frequency	Room	Start
Notger Müller, N.N. (Mitarbeiter), Pia-Maria Wippert		Thursday 14:15	bi-weekly	N N. (extern)	23/10/2025
Notger Müller, N.N. (Mitarbeiter), Pia-Maria Wippert		Thursday 14:15	single event	1.12 1.11	15/01/2026
Notger Müller, N.N. (Mitarbeiter), Pia-Maria Wippert		Thursday 14:15	single event	1.12 0.39	29/01/2026

Course ID	Course Type	Course Title			
116948	V	Rehabilitation			
Lecturers		Day and Time	Frequency	Room	Start
Heinz Völler, Rona Reibis		Thursday 12:15	bi-weekly	N N. (extern)	16/10/2025

Course ID	Course Type	Course Title			
116947	S	Rehabilitation			
Lecturers		Day and Time	Frequency	Room	Start
Heinz Völler, Rona Reibis		Thursday 12:15	bi-weekly	N N. (extern)	23/10/2025

Course ID	Course Type	Course Title			
116946	V	Wissenschaftliches Arbeiten			
Lecturer		Day and Time	Frequency	Room	Start
Milos Dordevic		Thursday 14:15	bi-weekly	N N. (extern)	16/10/2025
Milos Dordevic		Thursday 14:15	bi-weekly	1.12 1.11	08/01/2026
Milos Dordevic		Thursday 14:15	single event	N N. (extern)	05/02/2026

Course ID	Course Type	Course Title			
117226	PR	Forschungsprojekt/-praktikum im Bereich Gesellschaft und Gesundheit			
Lecturers		Day and Time	Frequency	Room	Start
Robert Ranisch, Michael Rapp, Pia-Maria Wippert			weekly		

Course ID	Course Type	Course Title			
117230	SU	Spezifische Forschungsmethoden im Bereich Gesellschaft und Gesundheit			
Lecturers		Day and Time	Frequency	Room	Start
Robert Ranisch, Michael Rapp, Pia-Maria Wippert			weekly		

Course ID	Course Type	Course Title			
117233	PR	Forschungsprojekt/-praktikum im Bereich Public Health			
Lecturers		Day and Time	Frequency	Room	Start
Notger Müller, N.N.			weekly		

Course ID	Course Type	Course Title			
117234	SU	Spezifische Forschungsmethoden im Bereich Public Health			
Lecturers		Day and Time	Frequency	Room	Start
Notger Müller, N.N.			weekly		

Course ID	Course Type	Course Title			
117235	PR	Forschungsprojekt/-praktikum der Bewegungswissenschaften			
Lecturers		Day and Time	Frequency	Room	Start
Notger Müller, Heinz Völler, Pia-Maria Wippert			weekly		

Course ID	Course Type	Course Title			
117236	SU	Spezifische Forschungsmethoden der Bewegungswissenschaft			
Lecturers		Day and Time	Frequency	Room	Start
Notger Müller, N.N., Heinz Völler			weekly		