



LUDWIG-  
MAXIMILIANS-  
UNIVERSITÄT  
MÜNCHEN



**Module Catalogue**  
**Master's Program: Environment and Society**  
**(Master of Arts, M.A.)**

**(120 ECTS credits)**

**Based on the *Prüfungs- und Studienordnung* 2022**

**88/546/---/M0/H/2022**

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## Abbreviations and annotations

CP	credit points, ECTS credits
ECTS	European Credit Transfer and Accumulation System
h	hours
SoSe	summer semester
SWS	contact hours
WiSe	winter semester
WP	compulsory elective course/module
P	mandatory course/module

1. The ECTS credits assigned in the Module Catalogue are designated as follows: credit points **not** listed in parentheses are awarded when the pertinent examination of the module or module parts have/has been completed successfully. Credit points in parentheses are listed for arithmetic purposes only.
2. The semester for taking a module can either be binding or may be considered as a recommendation, depending on the applicable data in Anlage 2 of the Prüfungs- und Studienordnung for your Program. In this Module catalogue, the options are indicated as „scheduled semester“ and „recommended semester“.
3. Please note: The Module Catalogue is merely intended to serve as an orientation whereas the provisions of the applicable version of the Prüfungs- und Studienordnung (in German only) of your Program are legally binding. See: [www.lmu.de/studienangebot](http://www.lmu.de/studienangebot) and select your Program.

## Module: P 1 Introduction to Environment and Society

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	P 1.1 Histories and Theories of Environment and Society	WiSe	30 h (2 SWS)	150 h	(6)
Exercise	P 1.2 Connecting Theory and Practice	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 9 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 270 hours in total have to be invested.

**Module type** Mandatory module with mandatory courses

**Usability of the module in other Programs** None

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content**

Students are introduced to an overview of contemporary key theories, paradigms, and debates within Environment and Society and are familiarized with various relevant terms and approaches from attendant disciplines. In parallel, students are involved in field outings and hands-on activities.

P1.1 provides an overview of key issues, themes, and debates within regarding Environment and Society along with their historical background. It presents and familiarizes students with relevant terms and approaches in the environmental humanities, and with different theories pertaining to the relationship between humans and their environment. It takes into account local and global contexts.

In parallel with the acquisition of theoretical knowledge in P1.1, in P1.2 students participate in field trips and hands-on activities in and around Munich. This course guides students to explore selected places relevant for our understanding of socio-ecological relationships and to learn about local and regional environmental projects. Working in teamwork exercises, students apply multi-/inter-/trans-disciplinary knowledge in diverse practical contexts.

**Learning outcomes** Students acquire foundational knowledge in theories about the relationship between humans and their environment.

Students develop the ability to critically scrutinize and assess terms and concepts from relevant disciplines, and to evaluate their historical backgrounds, as well as their implications and visions for the future. Students learn to establish connections between disciplines and to develop multi-/inter-/transdisciplinary perspectives.

By taking part in hands-on environmental projects, they become familiar with outcome-oriented approaches. Through engagement in collective interdisciplinary exercises, students learn to initiate, lead, and participate in teamwork and orient themselves in unfamiliar areas and fields.

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<b>Examination</b>	Thesenpapier or written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Dr. Anna Antonova, Dr. Hanna Straß-Senol
<b>Language(s)</b>	English
<b>Additional information</b>	None

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## Module: P 2 Lecture Series: New Directions in Environment and Society

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	P 2.1 Current Perspectives on Environment and Society	WiSe	30 h (2 SWS)	60 h	(3)
Lecture	P 2.2 New Fields of Research on Environment and Society	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Mandatory module with mandatory courses
<b>Usability of the module in other Programs</b>	Environmental Studies Certificate Program
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 1 and 2
<b>Duration</b>	The successful completion of the module takes 2 semesters.
<b>Content</b>	The lecture series familiarizes students with current topics, approaches, and new research questions dealt with by national and international experts in the field of environment and society and related disciplines. The lectures are followed by a discussion and Q&A session with the lecturer.
<b>Learning outcomes</b>	Through the varying lecture contents, students are exposed to and learn about a broad array of topics and questions, disciplinary methods, and challenges. They are also confronted with different geographical, cultural, social, political, and historical contexts. Students hone their skills of engaging in scholarly debate and constructive criticism.
<b>Examination</b>	Final paper or written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None



## Module: P 3 Research Methods in Environment and Society

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	P 3.1 Survey of Methods for Environment and Society	WiSe	30 h (2 SWS)	60 h	(3)
Seminar	P 3.2 Interdisciplinary Methods for Environment and Society	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Mandatory module with mandatory courses
<b>Usability of the module in other Programs</b>	None
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 1 and 2
<b>Duration</b>	The successful completion of the module takes 2 semesters.
<b>Content</b>	Students are introduced to research paradigms and epistemologies in the environmental humanities and qualitative social science. They are also familiarized with research ethics. They practice applying methodological knowledge in multi-/inter-/transdisciplinary research exercises.
<b>Learning outcomes</b>	Students learn about research traditions and methods in the environmental humanities and qualitative social sciences. They expand their knowledge of methodologies and practice their application. They also expand their skills in assessing the relevance of specific approaches to research questions while at the same time considering research ethics.
<b>Examination</b>	Portfolio
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None

## Module: P 4 Representation and Outreach

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	P 4.1 Writing Skills in Environment and Society	WiSe	30 h (2 SWS)	60 h	(3)
Exercise	P 4.2 Representation Skills in Environment and Society	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Mandatory module with mandatory courses

**Usability of the module in other Programs** None

**Entry requirements** None

**Semester** Recommended semester: 1 and 2

**Duration** The successful completion of the module takes 2 semesters.

**Content** Students exercise writing and communication skills for presenting their research in academic contexts and beyond. They complete a series of assignments that help them address their research through different formats and genres and present it to different audiences. They learn to reflect on the development and design of their communication strategies. Students practice the use of acquired writing and communication skills in shaping their personal profile for future employment.

The P 4.1 course teaches communication skills for academia, including different formats and genres of academic writing (abstract/essay/article/thesis). In this course, students learn about writing process and practice how to constructively reflect on their own individual experiences with the writing processes. The course includes low stakes writing assignments, in which students use writing as a tool to acquire and deepen knowledge, to recognize and establish connections between disparate fields of knowledge, and to develop their thoughts and ideas.

In the P 4. 2 course, students learn communication skills that are useful beyond the university context including journalistic and creative forms of communication and digital media formats (e.g. podcasting, blog writing, etc.). In

addition, the focus is on the analysis of new non-academic communication practices (target groups, text types, etc.). They apply what they have learned in the presentation of their own research/projects.

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<b>Learning outcomes</b>	Students obtain methodological skills to communicate and present knowledge, arguments, and ideas in academic English and master the necessary skills for interdisciplinary communication, exchange, and dialogue. Students learn communication practices that foster cultural sensitivity and prevent discrimination. They reflect on power relations and their own biases when communicating and interacting with others.
<b>Examination</b>	Portfolio
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Dr. Anna Antonova, Dr. Hanna Straß-Senol
<b>Language(s)</b>	English
<b>Additional information</b>	None

## Module: WP 1 Topics and Themes in Environment and Society

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 1.1 Approaches to Environment and Society	WiSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory course
<b>Usability of the module in other Programs</b>	Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 1
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	Students familiarize themselves with concrete themes, challenges, and case studies from within contemporary debates on environmental and social issues.
<b>Learning outcomes</b>	Students gain thematic knowledge on key societal concerns and research challenges. This enables them to reflect on each semester's thematic focus from an engaged interdisciplinary perspective.
<b>Examination</b>	Term paper or essay or written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None

## Module: WP 2 Climate Change and Society

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 2.1 Human Dimensions of Climate Change	WiSe oder SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** The module engages students in debates pertaining to climate change and its inherent societal aspects from an environmental humanities perspective. Topics include energy transformations, climate-induced mobilities, climate activism, discourses about climate, and environmental and societal transitions more broadly as seen specifically through a humanities lens.

**Learning outcomes** Students explore different environmental and societal transformations associated with the changing climate and discuss possible humanistic responses.

**Examination** Term paper or written exam

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None



## Module: WP 3 Disziplinäre Perspektive: Allgemeine und vergleichende Literaturwissenschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 3.1 Spezifische Fragestellungen der Literatur- und Kulturtheorie	WiSe and SoSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** Students focus on specific environmentally relevant themes and approaches from the field of comparative literature. Thereby, the module debates specific, uniquely situated research perspectives on the relationship between literature, mediality, and culture. Through the examination of the forms, motifs, themes, and provocations that make up the phenomenon of "literature," the module analyses open and controversial aspects of cultural life within their historical and systemic context, as well as from transcultural and transmedial perspectives.

**Learning outcomes** In addition to the deepening and expansion of literary knowledge and skills in theoretical and analytical terms, the module develops a reflected and differentiated sensorium for the problem- and research-oriented handling of transdisciplinary knowledge.

<b>Examination</b>	Term paper
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Dr. Lars Bullmann
<b>Language(s)</b>	German
<b>Additional information</b>	None

## Module: WP 4 Disziplinäre Perspektive: Grundlagen der Kommunikationswissenschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 4.1 Einführung in die Kommunikationswissenschaft 1	WiSe	30 h (2 SWS)	60 h	(3)
Seminar	WP 4.2 Kommunikationsberufe 1	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory courses

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** The lecture WP 4.1 introduces the basics of communication studies and presents selected subject areas with their central questions, theories and empirical findings. In the introductory lecture, public relations theories, the media system, its framework conditions (media policy, media law, media economics), the individual media sectors (press, broadcasting, internet), the relationships between the media as well as various professional fields (journalism, public relations, advertising) are dealt with in a social macro perspective.

In WP 4.2 experienced practitioners from the central fields of the media and communications professions discuss with the students the characteristics of the individual job pro-

files, the prerequisites, and chances of entering professional life, as well as the prospects and career opportunities.

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<b>Learning outcomes</b>	Students are familiar with the perspective from which communication studies observe and analyze media-mediated, public communication. They master basic terms and concepts of communication studies. The module also gives them an initial insight into the world of work and raises awareness of its requirements.
<b>Examination</b>	Written exam or oral exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Carsten Reinemann
<b>Language(s)</b>	German or English
<b>Additional information</b>	None

## Module: WP 5 Environments, Planning and Policy

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 5.1 Infrastructures of Environment and Society	WiSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** Students focus on specific topics, terms, and approaches related to questions to environmental planning, policy and governance, as well as actors and institutions involved in these processes, by examining scholarship from relevant fields including political science, critical policy studies, or political ecology (among others).

**Learning outcomes** Students gain knowledge of specific policy and governance processes associated with environmental management. They analyze the role of political actors and institutions, including their historical context in environmental and societal issues.

**Examination** Essay or term paper

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits**

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact**

Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)**

English

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**Additional information**

None

## Module: WP 6 Methodische Perspektive: Ethnologische Feldforschung

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 6.1 Ethnologische Feldforschung	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory course
<b>Usability of the module in other Programs</b>	Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 1
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	This module consists of a lecture introducing qualitative and quantitative methods of ethnological fieldwork and introducing the theoretical aspects of fieldwork.
<b>Learning outcomes</b>	The lecture aims to convey theoretical understanding of ethnological methods, as well as the ability to approach the field with a methodologically and ethically reflected perspective.
<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Prof. Dr. Martin Sökefeld

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**Language(s)** German

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**Additional information** None



## Module: WP 7 Disziplinäre Perspektive: Ethnologie Thematische Vertiefung I

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 7.1 Systematische und regionale Fragestellungen 1	WiSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory course
<b>Usability of the module in other Programs</b>	Master's Program: Ethnologie (WP1) Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 1
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	This module can be chosen for further thematic deepening of special regional or systematic questions of ethnology.
<b>Learning outcomes</b>	The aim of the module is an in-depth focus or an extended knowledge of ethnologically relevant topics.
<b>Examination</b>	Collection of essays or Thesenpapier
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Martin Sökefeld
<b>Language(s)</b>	German

**Additional information**

None

## Module: WP 8 Disziplinäre Perspektive: Soziologische Felder

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 8.1 Soziologische Felder (Vorlesung)	WiSe and SoSe	30 h (2 SWS)	90 h	(4)
Exercise (Tafelübung)	WP 8.2 Soziologische Felder (Tafelübung)	WiSe and SoSe	30 h (2 SWS)	30 h	(2)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory courses
<b>Usability of the module in other Programs</b>	Bachelor's Program: Soziologie 60/30/15 ECTS (P15) Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 1
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	The module provides an overview of the theories, methods, and empirical findings in a selected sociological field. The lecture and exercise offered cover either a specific sociology (e.g., sociology of the labor market, sociology of education, sociology of the family, etc.) or fields of knowledge that cut across specific sociologies (e.g., sociology of gender, comparative sociology, Eastern European studies, etc.).
<b>Learning outcomes</b>	Deepened understanding of the theories, methods, and empirical results of sociological research.
<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits**

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact**

Lehrstuhl für Soziologie mit dem Schwerpunkt "Gender Studies" (Prof. Dr. Paula-Irene Villa)

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**Language(s)**

German

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**Additional information**

None

## Module: WP 9 Disciplinary Perspective: Geographical Concepts of Sustainability

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 9.1 Geography and Sustainability (Lecture)	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

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

**Learning outcomes** Professional and methodological competencies: After completing the module, students are able:

- to understand the role of Geography in Sustainability studies
- to understand the role of sustainable development in geographic research
- to understand and analyze human constructions of the environment as sustainability problems

- to understand key approaches to environmental management
- to understand the issues arising in a number of fields within human geography concerning sustainable development
- to apply basic concepts which link local and global issues

Social and personal competencies: After completing the module, students are able:

- to research and elaborate geographic and sustainability literature
- to critically question ideas, approaches and models

<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will not be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. M. Garschagen / Prof. Dr. J. Schmude
<b>Language(s)</b>	English / German
<b>Additional information</b>	Literature for the lecture will be published at the beginning of the semester.

## Module: WP 10 Disziplinäre Perspektive: Grundlagen Allgemeine und organismische Biologie

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 10.1 Vorlesung Vielfalt des Lebens	WiSe	60 h (4 SWS)	120 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** The lecture gives an impression of the complete organismic diversity and explains the evolution that led to it. Organism groups discussed in the lecture include diverse protozoa, fungi, plants, and animals, including a brief introduction to human evolution. For each organism, morphological features will be discussed, including intracellular features, tissue and organ structure, and individual development (ontogeny), and placed in an evolutionary context. Where appropriate, fossil findings will also be explained. Based on the features presented, trait evolution is reconstructed along various evolutionary lineages within the framework of phylogenetics. In this way, a holistic picture of organismic evolution is presented. The lecture is taught on a rotating principle by different lecturers.

**Learning outcomes** Through their attendance in the lecture, students acquire a comprehensive introduction in the organismic diversity and its evolutionary emergence. They master morphological

terms specific to the field and can correctly address different structures. Students are able to account for the morphological differences and similarities between different groups of organisms and can explain how these emerged ontogenetically and evolutionarily.

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<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Dario Leister; Prof. Dr. Gerhard Haszprunar
<b>Language(s)</b>	German
<b>Additional information</b>	This module can be recommended to provide requisite foundational knowledge for WP 15.



## Module: WP 11 Disziplinäre Perspektive: Grundlagen Ökologie, Verhaltensbiologie, Evolutionsbiologie

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 11.1 Vorlesung Grundlagen der Ökologie, Verhaltensbiologie und Evolutionsbiologie	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** This module presents and illustrates fundamental concepts in ecology and evolutionary biology. It highlights and integrates the processes, across different levels of organization: Individuals, populations, species, and communities. The lecture examines the connections between these levels of biological complexity. The students learn how each level is influenced by the environment (ecology) and undergoes heritable changes over time (evolution).  
The following concepts of ecology are included in the lecture:

- Environmental Factors and Resources
- Environment, resources and biogeographical concepts
- Growth and "life history"
- Competition and environmental heterogeneity
- Inter-specific interactions and behavior
- Applied aspects of ecology
- Evolutionary Biology

- Introduction to evolutionary thinking
- Population genetics
- Quantitative genetics
- Phylogenetic reconstruction
- Game Theory

The following concepts of evolutionary biology are part of the lecture:

- Basic evolutionary processes and historical classification
- Population genetic theory
- Quantitative genetics
- Speciation
- Phylogenetics
- Origin of sex & cooperation
- Evolution of life

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### Learning outcomes

Students (1) gain an overview of ecological interactions, evolutionary processes, and their interrelationships. (2) Develop a structural understanding of ecological concepts. They gain initial theoretical insights into the following topics: ecophysiology; Life history theory; inter- and intra-specific competition; predator-prey cycles; behavioral ecology; Material and energy fluxes in food webs; Biodiversity- Ecosystem functions; Concepts of sustainability  
(3) Learn to relate these processes across different spatial and temporal scales and understand the importance of ecological processes for evolutionary dynamics. The theoretical content of the lecture will be practically illustrated with selected examples. (4) Students gain insight into the principles underlying the history of life on our planet. They become acquainted with modern concepts of evolutionary theory and are able to classify them historically; they are able to reproduce explanatory approaches to fundamental questions of evolutionary biology concerning speciation, cooperation and sexual reproduction.

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### Examination

Written exam

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### Type of assessment

The successful completion of the module will be graded.

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### Requirements for the gain of ECTS credits

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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### Responsible contact

Prof. Dr. Nicolas Gompel; Prof. Dr, Jochen Wolf

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### Language(s)

German

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### Additional information

None

## Module: WP 12 Methodology: Systematic Data and Evidence

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 12.1 Systematic Data and Evidence: Lecture	WiSe	60 h (4 SWS)	120 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Master's Program: Evolution, Ecology and Systematics (Master of Science, M.Sc.) (WP3)  
Master's Programs: Molecular and Cellular Biology, Human Biology, Plant Sciences (Master of Science, M.Sc.)

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

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

**Learning outcomes** Participants will acquire an understanding of the kinds of data used to infer phylogenetic relationships and macroevolution. They will also understand and be able to discuss

some problems in systematics and will know the role of systematics in evolutionary biology. Two-three short essays are part of the course requirements.

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<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Gerhard Haszprunar; Prof. Dr. Susanne Renner
<b>Language(s)</b>	English
<b>Additional information</b>	None

## Module: WP 13 Disziplinäre Perspektive: Globaler Wandel und das Erdsystem

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 13.1 Klimawandel und das Erdsystem	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** The module consists of the lecture "Climate Change and the Earth System" which will look at the following topics: - Scientific state of the art on climate change and climate impacts - Climate history (paleoclimate), causes of natural and anthropogenic climate change - Functionality and application of micrometeorological measurement techniques - Major consequences of climate change in the Earth system and in the human-Earth system: atmosphere, oceans, coasts, cryosphere, hydrometeorological extremes, agriculture, economy, bioclimate - Inventory of current research fields: Consequences and impairments of the natural, economic and cultural environment; region-specific vulnerabilities and resilience, - Essentials of national and international climate policy; Legal basis, directives & laws; Technical, economic and political options for climate protection; Working methods of the IPCC - Introduction to the basics of climate mod-

eling - Physical and technical foundations, scales and scaling: AOGCM & RCM, nesting, downscaling, uncertainties and errors - Scenarios and scenario development.

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<b>Learning outcomes</b>	Students are able to understand the complex causes and effects of anthropogenic and non-anthropogenic climate change and have knowledge of the scenarios for the further development of climate change as well as its consequences in different areas of nature and society.
<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. J. Pongatz
<b>Language(s)</b>	German or English
<b>Additional information</b>	Literature for the lecture will be published at the beginning of the semester.

## Module: WP 14 Disciplinary Perspective: Environmental Geobiology

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 14.1 Global Cycles: Lecture	WiSe	30 h (2 SWS)	60 h	(3)
Exercise	WP 14.2 Global Cycles: Tutorial	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory courses

**Usability of the module in other Programs** Master's Program: Geobiology and Paleobiology (Master of Science, M.Sc.)  
Master's Program: Geology (Master of Science, M.Sc.)  
Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

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

**Learning outcomes** At the end of the module students are familiar with the most recent reviews on the global cycles of carbon, nitrogen, iron, phosphorous and sulfur. They are able to discuss

the role of biology in controlling ecologically relevant geochemical cycles of important elements. Furthermore, students will be able to apply theoretical background to understand complex connections between the biosphere and geosphere in geobiology. This enables them to apply this understanding in the future and to critically understand and evaluate related scientific publications.

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<b>Examination</b>	Written exam or scientific protocol
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. William Orsi
<b>Language(s)</b>	English
<b>Additional information</b>	None

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## Module: WP 15 Disciplinary Perspective: Marine Biology

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 15.1 Marine Biology: Lecture	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Master's Program: Geobiology and Paleobiology (Master of Science, M.Sc.)  
Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

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

**Learning outcomes** Students will develop an advanced understanding on the physical, geochemical and biological interactions in marine environments to be able to critically read technical and scientific publications on the topic.

**Examination** Written exam

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits**

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact**

Prof. Dr. Gert Wörheide

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**Language(s)**

English

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**Additional information**

Foundational knowledge in the field of biology (e.g. WP 10 or equivalent) is a prerequisite for successful completion of this module.

Recommended textbook: Marine Biology: An Ecological Approach (6th Edition), Nybakken and Bertness, 2004, Benjamin Cummings.

## Module: WP 16 Exploring Local Environmental Practices

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Field trip	WP 16.1 Field Trip: Exploring Environmental Practices in Munich and Beyond	WiSe and SoSe	-	90 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 0 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** None

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 1

**Duration** The successful completion of the module takes 1 semester.

**Content** Students visit local environmental initiatives and sights in and around Munich and learn about their work and relevant environmental developments.

**Learning outcomes** Students learn more about unique socio-ecological projects and get the opportunity to not only experience how these operate on a practical level but also to connect theoretical concerns with concrete practices.

**Examination** Field trip report

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None

## Module: P 5 Environment and Justice

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	P 5.1 Natures and Justice	SoSe	30 h (2 SWS)	150 h	(6)
Exercise	P 5.2 Environmental Justice in Practice	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 9 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 270 hours in total have to be invested.

**Module type** Mandatory module with mandatory courses

**Usability of the module in other Programs** None

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** This module engages with a wide range of questions pertaining to environmental justice. In P5.1, students familiarize themselves with a wide range of issues relating to the nexus of environment, justice, and responsibility. Reflecting on concepts of environmental justice from theoretical, philosophical, and ethical standpoints, they deepen their knowledge of concrete historical and current case studies in local and global contexts. In this way, they learn about the historical development of the environmental justice debate and shape their own critical perspective in relation to current challenges, e.g. around just access to resources or the unequal distribution of ecological transformation processes' effects.

In P 5.2, students identify, research, and analyze concrete cases of eco-social (in)justice and environmental justice activism from around the world, present these to each other and expand on the seminar's discussions about resource use, responsibility, and justice.

**Learning outcomes** Students acquire in-depth knowledge about the relevance and complexity of eco-social/environmental justice in people's relationship with their environment, which enables them to research and critically analyze past, current, and future situations in which environmental justice plays a

role. In joint discussions, they develop and deepen a reflected point of view on questions of societal and personal responsibility and environmental justice.

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<b>Examination</b>	Thesenpapier or term paper or essay
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Dr. Anna Antonova, Dr. Hanna Straß-Senol
<b>Language(s)</b>	English
<b>Additional information</b>	None

## Module: WP 17 Concepts in Environmental Humanities

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 17.1 Advanced Concepts and Theories	SoSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** Students explore in depth central concepts and theoretical approaches from the environmental humanities (e.g., Anthropocene, ecocriticism, environmental justice, interspeciesism, sustainability, etc.) and familiarize themselves with the theoretical literature around these concepts. They utilize relevant terms and methods as they analyze concrete examples.

**Learning outcomes** Students become versed in the analytical discussion of specific concepts and theories in the environmental humanities.

**Examination** Term paper or essay or Thesenpapier

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential

elective compulsory module parts) has/have been completed successfully.

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**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None



## Module: WP 18 Transformations in the Anthropocene

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 18.1 Design and Agency in Environmental Transformation	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The seminar discusses the transformation and design of urban and rural environments. Students examine questions of human and nonhuman agency that act in and shape the environment, effecting transformations across a variety of scales.

**Learning outcomes** Students become familiar with concepts, terms, and theories of spatial design as they relate to environmental transformation. They can recognize, analyze, and discuss the role that human and nonhuman agencies play in these transformation processes.

**Examination** Term paper or essay or Thesenpapier

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits**

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact**

Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)**

English

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**Additional information**

None

## Module: WP 19 Disziplinäre Perspektive: Ethik

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 19.1 Umwelt- und Entwicklungsethik	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Katholische Theologie (Master, Magister)  
Katholische Religionslehre (Lehramt Grundschule/Gymnasium/Realschule, BA/MA Berufliche Bildung)  
Erziehungswissenschaftliches Studium  
el mundo – Zertifikatsprogramm Bildung für nachhaltige Entwicklung im Lehramt  
Gemeinsamer Geistes- und Sozialwissenschaftlicher Profilbereich  
Studium Generale  
Seniorenstudium  
Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The lecture analyzes central challenges experienced by late modern societies as a result of their destruction and impoverishment of the environment, assessing these challenges' theological relevance as "signs of the times." Foundational models and methods of environmental and technological ethics are discussed. The lecture unfolds the ethical principle of sustainability as both a Christian responsibility and an ecologically viable pathway to prosperity. Church actions are discussed as thematic examples.

<b>Learning outcomes</b>	Students understand ecological, social, and economic relationships, acquire informed opinions based on a Christian ethic and obtain an insight into practical possibilities for positive action, environmental justice and global responsibility.
<b>Examination</b>	Written exam or oral examination or essay
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Markus Vogt
<b>Language(s)</b>	German
<b>Additional information</b>	None

## Module: WP 20 Disziplinäre Perspektive: Medien und Geschichte

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Exercise	WP 20.1 Übung Medien und Geschichte	WiSe and SoSe	30-60 h (2-4 SWS)	150-120 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2-4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Master's Program: Geschichte (Master of Arts, M.A.)

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The students become familiar with media, forms and functions of historical knowledge transfer and deal with different presentation and transfer techniques.

**Learning outcomes** Students acquire advanced knowledge in the mediation and presentation of historical knowledge and are enabled to participate constructively in the diverse public culture of history.

**Examination** Written exam or presentation or essay or oral examination

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact**                      Geschäftsstelle / Studiengangskoordinator/in

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**Language(s)**                                German, in rare cases English

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**Additional information**                None

## Module: WP 21 Methodische Vertiefung: Kommunikationswissenschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 21.1 Einführung in die Kommunikationswissenschaft 2	SoSe	30 h (2 SWS)	60 h	(3)
Seminar	WP 21.2 Kommunikationsberufe 2	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory courses
<b>Usability of the module in other Programs</b>	Bachelor's Program: Kommunikationswissenschaft (P4) Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 2
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	The lecture (WP 21.1) introduces the basics of communication studies and presents selected fields with their central questions, theories, research methods and empirical findings. The second part of the introductory lecture focuses on research approaches in communication studies that deal with media behavior, media reception and media effects from a micro perspective. In addition, cognitive and social psychological basics are taught, which are necessary for the understanding of communication science models. Classic studies and current examples from research will be used to illustrate the development of theories and methods in the field. As part of the seminar (WP 21.2), professionally experienced practitioners from the central fields of media and communication professions present various job profiles and

discuss prerequisites and opportunities for entering professional life as well as prospects and career opportunities.

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<b>Learning outcomes</b>	Students are familiar with basic theoretical and methodological approaches in communication studies. They are able to analyze phenomena in the field of media content, media reception and media effects from a social science perspective and to classify them in relation to central research findings and methods of communication science.
<b>Examination</b>	Written exam or oral examination
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Anne Bartsch
<b>Language(s)</b>	German or English
<b>Additional information</b>	None



## Module: WP 22 Disziplinäre Perspektive: Theaterwissenschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 22.1 Vergleichende Dramaturgie	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** None

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The module investigates exemplary contemporary theater forms, their dramaturgical structures, their mediality and aesthetic form as well as exemplary theories of theater aesthetics.

**Learning outcomes** Students are able to describe, compare and analyze current forms of theater and their aesthetic and dramaturgical characteristics. And will be able to describe and critically analyze the political objectives and social implications of current theater and media discourses.

**Examination** Presentation

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Dr. Jörg von Brincken

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**Language(s)** German

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**Additional information** None

## Module: WP 23 Disciplinary Perspective: Advanced Theories and Concepts in Historiography

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Exercise	WP 23.1 Approaches to the Study of History 2	SoSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory course
<b>Usability of the module in other Programs</b>	Master's Program: American History, Culture and Society (Master of Arts, M.A.) Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 2
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	Students are introduced to advanced approaches to the study of history through in-depth examination of selected epochs and topics from North American history and society as well as the political system of the USA and Canada.
<b>Learning outcomes</b>	Students gain advanced historical, cultural, social, and political knowledge as well as an in-depth understanding of the methods of culture history while examining concrete examples as well as engaging in focused, critical discussions.
<b>Examination</b>	Essay or exercise portfolio
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential

elective compulsory module parts) has/have been completed successfully.

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**Responsible contact** Prof. Dr. Michael Hochgeschwender

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**Language(s)** English

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**Additional information** None

## Module: WP 24 Disziplinäre Perspektive: Public Policy

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 24.1 Public Policy: Theoretische Ansätze und empirische Anwendungen	SoSe	30 h (2r SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The module imparts advanced understanding of basic principles, organization structures and tasks of the modern state in relation to environmental issues. Students gain an introduction to current processes of change in modern statehood and state activity. The state's evolving functions and various actions with respect to environmental and societal challenges will be discussed. Students will also gain an understanding in how non-state actors participate in the governance process in relation to environmental concerns.

**Learning outcomes** Overall, the module aims to make clear how the state and statehood change when new forms of governance either complement classical state governance or replace it completely, especially in the context of contemporary environmental challenges.

**Examination** Term paper or presentation

<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Christoph Knill
<b>Language(s)</b>	German or English
<b>Additional information</b>	None

## Module: WP 25 Disziplinäre Perspektive: Politikwissenschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Exercise	WP 25.1 Übung Politische Theorie	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** None

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The course discusses key political science theoretical approaches for contemporary political challenges.

**Learning outcomes** Through this module, students acquire in-depth theoretical knowledge, practice its critical application in concrete contexts, and learn to recognize the linkages between the two.

**Examination** Written exam or term paper

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Prof. Dr. Christoph Knill

**Language(s)** German or English

**Additional information**

None



## Module: WP 26 Disciplinary Perspective: Environmental Law and Governance

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 26.1 Environment, Law and Society	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The module familiarizes students with specific aspects of legal systems, jurisdictions and institutions pertaining to environmental governance.

**Learning outcomes** Students gain concrete foundational knowledge on the functioning and principles of environmental law. They analyze the role of courts and other legal institutions as they pertain to environmental and societal issues.

**Examination** Thesenpapier

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

<b>Responsible contact</b>	Prof. Dr. Kersten, Dr. Anna Antonova, Dr. Hanna Straß-Senol
<b>Language(s)</b>	English, in rare cases German
<b>Additional information</b>	None

## Module: WP 27 Disziplinäre Perspektive: Ethnologie Thematische Vertiefung II

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 27.1 Systematische und regionale Fragestellungen 2	SoSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Master's Program: Ethnologie (WP3)  
Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** This module can be chosen for advanced exploration of specific regional or methodological themes and questions of ethnology.

**Learning outcomes** The aim of the module is an in-depth focus or an extended knowledge of ethnologically relevant topics.

**Examination** Collection of essays or Thesenpapier

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Prof. Dr. Martin Sökefeld

**Language(s)** German

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**Additional information** None

## Module: WP 28 Disziplinäre Perspektive: Soziologie und Soziale Ungleichheit

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 28.1 Soziale Ungleichheit (Vorlesung)	SoSe	30 h (2 SWS)	90 h	(4)
Exercise	WP 28.2 Soziale Ungleichheit (Übung)	SoSe	30 h (2 SWS)	30 h	(2)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory courses

**Usability of the module in other Programs** Master's Program: Soziologie (P2)  
Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The module provides an overview of theoretical approaches to explaining and empirical approaches to studying the structures and dynamics of social inequality. The lecture examines sociological approaches and strategies leading to both quantitative/statistical and qualitative/interpretative findings. It visits the many dimensions of social inequality and touches on global social injustices and comparative standards across countries. The exercise enables more focused investigation of individual approaches, issues, and linkages in the field of social justice research.

**Learning outcomes** Students acquire basic knowledge of sociological inequality analysis at an advanced level.

**Examination** Written exam

<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Lehrstuhl für Soziologie mit dem Schwerpunkt „Institutionen und Organisationen“ (Prof. Dr. Josef Brüderl) Lehrstuhl für Soziologie mit dem Schwerpunkt „Soziale Entwicklungen und Strukturen“ (Prof. Dr. Stephan Lessenich)
<b>Language(s)</b>	German
<b>Additional information</b>	None

## Module: WP 29 Disciplinary Perspective: Geographical Perspectives on Sustainability and Resources

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 29.1 Sustainable Management of Resources (Lecture)	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** This module is intended to look into key themes related to Geography and Sustainability. In particular, issues related to resources, such as resource scarcity of water, energy, phosphorous will be studied in relation to land use. A multi- and interdisciplinary perspective is taken to look into these themes. In particular, the following themes will be presented and elaborated upon:

- Sustainable water management
- Sustainable energy management
- Sustainable land use
- Sustainable nutrient management

A special focus will be set on the analysis of socio-economic aspects of sustainability in the themes studied.

**Learning outcomes** Professional and methodological competencies: After completing the module, students are able

- to understand themes of Geography and Sustainability from a multidisciplinary perspective

- to analyze the human influence in different problem contexts
- to understand the interaction between the resources water, energy and land use and their management
- to understand the potential and drawbacks of different management options regarding the three sustainability dimensions
- to apply basic concepts which link local and global issues
- to understand the role of spatially explicit analyses

Social and personal competencies: After completing the module, students are able

- to research and elaborate scientific literature
- to present findings both in oral and written form
- to work in an interdisciplinary manner
- to critically question ideas and models, to assess those and to develop new ones

<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will not be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. M. Garschagen / Prof. Dr. G. Winder
<b>Language(s)</b>	English / German
<b>Additional information</b>	Literature for the lecture will be published at the beginning of the semester.



## Module: WP 30 Disziplinäre Perspektive: System Boden-Pflanze-Atmosphäre

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 30.1 Boden-Pflanze-Atmosphäre- Kontinuum	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The module consists of the lecture "Soil-plant-atmosphere-continuum" with following themes: • Soil hydraulic and chemical properties: retention curve, saturated and unsaturated hydraulic conductivity, CEC, retardation. • Richards equation, convection dispersion equation, heat transport equation. • Radiation and energy balance at the (earth) surface, equations of motion, peculiarities of near-surface turbulence. • Experimental determination and modeling of the energy and matter balance in the atmospheric boundary layer. • Photosynthesis: Influencing factors, C3-C4-CAM metabolism, water and carbon balance of plants and ecosystems • Plant growth and ecosystem models • Global material cycles • Soil physical, plant ecological and micrometeorological measurement technology.

**Learning outcomes** The students master the in-depth theoretical basics of the processes at the interface of soil - vegetation - atmosphere

and are able to conceptualize them in their specific characteristics on different scales, model them, and assess their various parameters' sensitivity.

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<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. W. Mauser
<b>Language(s)</b>	German
<b>Additional information</b>	Literature for the lecture will be published at the beginning of the semester.

## Module: WP 31 Disciplinary Perspective: Geological Foundations for Environment and Society

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Integrated learning activity	WP 31.1 Basic Concepts in Geology	SoSe	30 h (2 SWS)	60 h	(3)
Exercise	WP 31.2 Geological Methods	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours have to be invested.

**Module type** Compulsory elective module with mandatory courses

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** In addition to conveying the significance of geology to researching social environmental history, the module offers a comprehensive introduction to geological sciences. In the integrated learning activity (ILA), students acquire basic geological knowledge relevant, for example, to addressing questions about climate change, CO<sub>2</sub> storage, raw material extraction, environmental geology, or geological risks. Through group work, students examine case studies in which geological expertise has contributed or can contribute to solving an environmental or socially relevant problem. The exercise deals with the classification of important rocks and rock-forming minerals and other relevant methods of geology, such as the interpretation of geological maps and profiles in order to understand geological relationships.

**Learning outcomes**

Upon successful completion of the module, the students understand the scientific foundations of geology, can recognize the most important types of rock and minerals, and are able to relate them to environmental history topics. They are trained in the knowledge that the earth's surface changes due to interactions of endogenous (tectonics) and exogenous (climate) processes on different timescales and are familiar with the reasons for the scarcity of raw materials. Students are able to discuss socially relevant geological case studies. This gives them an understanding of the complex interactions in the Earth system and the importance of geology for resource extraction and society.

<b>Examination</b>	Exercise portfolio
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Anke Friedrich
<b>Language(s)</b>	English and German
<b>Additional information</b>	None

## Module: WP 32 Field Exercise: Geology

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Field exercise	WP 32.1 Geological Mapping	SoSe	30 h (2 SWS)	60 h	(3)
Seminar	WP 32.2 Geological Reasoning	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours have to be invested.

**Module type** Compulsory elective module with mandatory courses

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** The module offers an in-depth and method-oriented introduction to the subject of geology as a historical-interpretative, empirical science. In the field exercise, the students learn to precisely observe, record and interpret natural rock formations, as they can be seen in geological outcrops, in geotopes, in photographs or in paintings, and also practice the application of basic geological methods. The main focus of the seminar, in addition to teaching the basics of epistemology in the geosciences, in particular in geology, is on teaching the technique of creating sketches and analog model building in order to train observation skills and the visualization of geologically important geotopes. The focus is on the visualization and interpretation of selected classic rock formations and landscapes of the earth, from which geological processes and the geological development of a place and, based on this, its human history can be derived particularly well. For this purpose, the

students learn to apply various basic geological principles and multiple working hypotheses.

<b>Learning outcomes</b>	Upon successful completion, students are able to present and interpret geological conditions using sketches and analogue models. In addition, students understand the difference between empirical and theoretical working methods and are familiar with the creation of multiple working hypotheses. They are particularly trained in the knowledge that multiple working hypotheses offer a useful basis for working on modern geoscientific problems and contributing to the solution of current socially relevant problems.
<b>Examination</b>	Mapping Report Portfolio
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Anke Friedrich
<b>Language(s)</b>	English and German
<b>Additional information</b>	None

## Module: WP 33 International Collaboration in the Environmental Humanities

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Project seminar	WP 33.1 Project Seminar: Exploring Local Histories and Environmental Practices	SoSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2

**Duration** The successful completion of the module takes 1 semester.

**Content** In cooperation with partner universities across or beyond Germany (e.g., Tallinn or Oslo), students spend dedicated time to exploring a single topic area from the wider environment and society nexus with an interdisciplinary or applied focus. Through their cooperation with respect to the practice seminar's theme, students exchange scientific and cultural understanding of environmental and societal concerns with their peers.

**Learning outcomes** Students gain new regional or international perspectives on specific seminar topics in environment and society that go beyond Munich and its surroundings. They acquire contacts with peers and academics beyond their own program and hone their skills in teamwork processes.

<b>Examination</b>	Report or poster
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Dr. Anna Antonova, Dr. Hanna Straß-Senol
<b>Language(s)</b>	English
<b>Additional information</b>	The module might take part as a block seminar.



## Module: P 6 Critical Perspectives in Environment and Society

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	P 6.1 Human and More-than-Human Ecologies	WiSe	30 h (2 SWS)	150 h	(6)
Exercise	P 6.2 Concepts, Analyses and Interpretations	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 9 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 270 hours in total have to be invested.

**Module type** Mandatory module with mandatory courses

**Usability of the module in other Programs** None

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

**Content**

The module investigates critical perspectives advanced by scholars in the environmental humanities. Students debate and discuss different theoretical perspectives and practical examples to define their own positionality within the field. As a preparation for their final thesis, they further practice their analytical and interpretative skills and critical thinking.

The P 6.1 course focuses on the relationship between humans and more-than-humans as theorized by leading scholars and philosophers. Students study become familiar with, and apply theoretical perspectives like multi-speciesism, indigenous cosmologies, new materialism, posthumanism, and alternative-futures thinking.

As a preparation for their final thesis students continue to practice in the P 6.2 Übung critical thinking and their analytical and interpretative skills, selecting a case study to work on in-depth.

**Learning outcomes** Students gain advanced conceptual knowledge and practice their analytical rigor. They analyze and comment on advanced theoretical perspectives and develop their own academic positionality in response. This allows them to form a critically informed perspective on specific concepts

or paradigms and to apply this to their own academic work.

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<b>Examination</b>	Thesenpapier
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Dr. Anna Antonova, Dr. Hanna Straß-Senol
<b>Language(s)</b>	English
<b>Additional information</b>	None

## Module: P 7 Landscapes and Urban Environments

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	P 7.1 Making and Unmaking Environments	WiSe	30 h (2 SWS)	150 h	(6)
Exercise	P 7.2 Inhabiting Environments	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 9 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 270 hours in total have to be invested.

**Module type** Mandatory module with mandatory courses

**Usability of the module in other Programs** None

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

**Content** Courses in this module explore questions pertaining to the built environment as well as cultural and urban landscapes. Students are exposed to a wide spectrum of urban environmental themes relevant to and explored in fields including landscape and architectural history, urban planning and sanitation, urban and human ecology, urban design (history) and (landscape) architecture. Courses deal with the intersections between the spatial and environmental humanities.

**Learning outcomes** Students gain an understanding of the concerns specific to public urban space and the built environment in urban and urbanizing areas. They learn how to critically analyze and contextualize designed landscapes and built spaces in time and space. Students gain fluency with discussions pertaining to the built environment including actors, different design practices and styles, and the relationship between the built environment and society.

**Examination** Thesenpapier or term paper or essay

**Type of assessment** The successful completion of the module will be graded

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential

elective compulsory module parts) has/have been completed successfully.

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**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None

## Module: WP 34 Disziplinäre Perspektive: Mensch und Umwelt in der romanistischen Diskussion

**Program** Master's Program: Environment and Society (Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 34.1 Masterseminar romanische Philologie	WiSe and SoSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Master's Program: Romanistik (Master of Arts, M.A.)  
Gemeinsamer Geistes- und Sozialwissenschaftlicher Profilbereich: Rolt 10/11/12

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

**Content** The module engages students into perspectives on humans and the environment inherent to discussions in the Romance Literary and Cultural Studies.

**Learning outcomes** Through the analysis of the environment in literary and cultural representations in Romance traditions, students gain an understanding of cultural issues and their relationship to the environment. They learn to analyze performative, metaphorical, and affective aspects of the environment and its concerns.

**Examination** Thesenpapier or exercise portfolio

**Type of assessment** The successful completion of the module will be graded.

<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Barbara Vinken, Ph.D. / Prof. Dr. Bernhard Teuber
<b>Language(s)</b>	German, or on occasion a romance language
<b>Additional information</b>	None

## Module: WP 35 Disziplinäre Perspektive: Geschichtswissenschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Exercise	WP 35.1 Übung Konzepte und Theorien	WiSe and SoSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory course
<b>Usability of the module in other Programs</b>	Master's Program: Geschichte (Master of Arts, M.A.)
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 3
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	The module involves students in discussing and developing advanced theoretical, methodological and conceptual foundations and problems of the historical subdiscipline.
<b>Learning outcomes</b>	Students firm up and further develop their skills to learn and critically analyze complex theoretical and methodological facts.
<b>Examination</b>	Written exam or presentation or essay or oral examination
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact**                      Geschäftsstelle / Studiengangskoordinator/in

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**Language(s)**                                German, in rare cases English

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**Additional information**                None



## Module: WP 36 Disciplinary Perspective: Basic Theories and Concepts in Historiography

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Exercise	WP 36.1 Approaches to the Study of History 1	WiSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory course
<b>Usability of the module in other Programs</b>	Master's Program: American History, Culture and Society (Master of Arts, M.A.) Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 3
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	Students are introduced to diverse approaches to the study of history and society as well as basic concepts of historiographical research.
<b>Learning outcomes</b>	Students gain practice in the methods of culture history while examining concrete examples and engaging in rigorous, critical discussions.
<b>Examination</b>	Essay or exercise portfolio
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Prof. Dr. Michael Hochgeschwender

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**Language(s)** English

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**Additional information** None

## Module: WP 37 Disziplinäre Perspektive: Kunstgeschichte

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 37.1 Vorlesung Kunstgeschichte 5	WiSe and SoSe	30 h (2 SWS)	60 h	(3)
Exercise	WP 37.2 Kunsthistorische Übung	WiSe and SoSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 9 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 270 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory courses
<b>Usability of the module in other Programs</b>	Master's Program: Kunstgeschichte (Master of Arts, M.A.)
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 3
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	The module provides a concentrated overview of a larger art historical complex of topics from the perspective of a specific professional approach. Each lecture deals with a current art-historical topic in an overview-like form. The tutorial offers insights into the practical aspects of a specific art history profession.
<b>Learning outcomes</b>	The students acquire specialist knowledge in an art historical research field, including the research situation, methodology and current interpretation approaches. Students gain insight into a selected field of art history in a practical way and can apply art history methods in a practical way in written contributions.
<b>Examination</b>	Portfolio

<b>Type of assessment</b>	The successful completion of the module will not be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Studiengangskoordination Master
<b>Language(s)</b>	German / English
<b>Additional information</b>	None

## Module: WP 38 Disziplinäre Perspektive: Musikwissenschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 38.1 Musik und andere Künste	WiSe	30 h (2 SWS)	90 h	(4)
Tutorial	WP 38.2 Musikwissenschaft und andere Disziplinen	WiSe	15 h (1 SWS)	45 h	(2)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 3 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory courses
<b>Usability of the module in other Programs</b>	Master's Program: Musikwissenschaft (Master of Arts, M.A.) Gemeinsamer Geistes- und Sozialwissenschaftlicher Profildbereich
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 3
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	The module is interdisciplinary. It offers heterogeneous perspectives on music and its diverse connections and interdependencies with other arts and fields of knowledge. Theoretical and methodological insights from other scientific disciplines expand the potential of musicological work and enable its connectivity.
<b>Learning outcomes</b>	Through productive exchange with other disciplines, students are exposed to diverse connections and interdependencies of music with other arts. These interdisciplinary perspectives and insights develop their own scientific thinking and promote wider linkages for their own research questions and work.
<b>Examination</b>	Presentation and term paper
<b>Type of assessment</b>	The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits**

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact**

Jan Golch, M.A.

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**Language(s)**

German

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**Additional information**

None

## Module: WP 39 Methodische Vertiefung: Public Policy

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 39.1 Public Policy: Aktuelle Forschungsgebiete	WiSe	30 h (2 SWS)	150 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** None

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

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

**Learning outcomes** The aim of the module is to impart and deepen knowledge of problem-oriented empirical analysis of state and administrative activity. Students should be able to independently identify, compare and analyze basic patterns of policymaking and changes in state activity in different areas. In addition to imparting in-depth knowledge of relevant theories, students will be taught the ability to independently apply these theories to new policy and problem areas in the field of public administration and state activity research.

**Examination** Term paper or presentation

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits**

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact**

Prof. Dr. Nicole Bolleyer

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**Language(s)**

German or English

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**Additional information**

None



## Module: WP 40 Disziplinäre Perspektive: Soziologie und Gesellschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 40.1 Soziologie und Gesellschaft (Seminar)	WiSe	30 h (2 SWS)	90 h	(4)
Exercise	WP 40.2 Soziologie und Zeitdiagnose	WiSe	30 h (2 SWS)	30 h	(2)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

<b>Module type</b>	Compulsory elective module with mandatory courses
<b>Usability of the module in other Programs</b>	Master's Program: Soziologie Environmental Studies Certificate Program
<b>Elective guidelines</b>	The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 3
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	The module consists of a seminar and an exercise. The seminar addresses the meaning, role, and function of sociology in our society. This includes different, historical as well as contemporary iterations of the relationship between sociology and societal topics of interest, e.g., sociology as critique, consultancy, reflexive theory, practical theory, etc. The exercise develops the module's themes through concrete case studies.
<b>Learning outcomes</b>	Students gain the ability to define the varying types of relations between sociology and society. Of particular interest is the extent to which the discipline understands itself as part of its own subject matter.
<b>Examination</b>	(Oral presentation or oral examination) and (term paper or collection of essays)

<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Lehrstuhl für Soziologie I (Prof. Dr. Armin Nassehi) Lehrstuhl für Soziologie mit dem Schwerpunkt „Soziale Entwicklungen und Strukturen“ (Prof. Dr. Stephan Lessenich)
<b>Language(s)</b>	German
<b>Additional information</b>	None

## Module: WP 41 Sustainability, Infrastructure and Technology

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Seminar	WP 41.1 Degrowth, Sufficiency and Sustainability in Architecture, Planning and Society	WiSe	60 h (4 SWS)	120 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

**Content** This seminar focuses on sociocultural insights from research developments in sustainability, infrastructure and technology. The seminar has a particular emphasis on topics such as sustainability, efficiency, or sufficiency.

**Learning outcomes** Students actively engage with the connection between technology, its applications to sustainability and its implications in socio-cultural and political contexts. They critically assess and understand the social and cultural implications of new technologies and infrastructures for the sustainable management of resources.

**Examination** Term paper

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English

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**Additional information** None

## Module: WP 42 Disziplinäre Perspektive: Naturgefahren

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 42.1 Naturgefahren – Ursachen, Folgen, Handlungsoptionen (Vorlesung)	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program  
Lehramt Gymnasium

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

**Content** The lecture covers the following topics:

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

- The role, tasks, and potential of geography in research on catastrophes

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<b>Learning outcomes</b>	Graduates of this module have in-depth scientific knowledge of natural hazards with a focus on high mountains. The knowledge covers a wide range of methodological and content-related issues and includes the human influence on hazards as well as their quantification and is underpinned by case studies.
<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. L. Lehnert
<b>Language(s)</b>	German or English
<b>Additional information</b>	Literature for the lecture will be published at the beginning of the semester.

## Module: WP 43 Disziplinäre Perspektive: Hydrologie

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 43.1 Theoretische und Angewandte Hydrologie	WiSe	30 h (2 SWS)	60 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

**Content**

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

<b>Learning outcomes</b>	At the end of the module, students should have in-depth knowledge of the theoretical principles of hydrological scientific knowledge. This includes system theory, the physical principles of hydrological processes, the basics as well as the assessment of the reliability and informative value of hydrological models, the central issues of water management.
<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. W. Mauser
<b>Language(s)</b>	German
<b>Additional information</b>	Literature for the lecture will be published at the beginning of the semester.



## Module: WP 44 Disciplinary Perspective: Evolutionary Genetics

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 44.1 Evolutionary Genetics - Lecture	WiSe	60 h (4 SWS)	120 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Master's Program: Evolution, Ecology and Systematics (M.Sc.)  
Master's Programs: Molecular and Cellular Biology, Human Biology, Plant Sciences  
Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

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

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

**Examination** Written exam

**Type of assessment** The successful completion of the module will be graded.

**Requirements for the gain of ECTS credits**

ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact**

Prof. Dr. Jochen Wolf; Prof. Dr. John Parsch

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**Language(s)**

English

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**Additional information**

None

## Module: WP 45 Disciplinary Perspective: Evolutionary Ecology

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Lecture	WP 45.1 Evolutionary Ecology - Lecture	WiSe	60 h (4 SWS)	120 h	(6)

For successful completion of the module, 6 ECTS credits have to be acquired. Class attendance averages about 4 contact hours. Including time for self-study, 180 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** Master's Program: Evolution, Ecology and Systematics (M.Sc.)  
Master's Programs: Molecular and Cellular Biology, Human Biology, Plant Sciences  
Environmental Studies Certificate Program

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 3

**Duration** The successful completion of the module takes 1 semester.

**Content** The first part is a broad perspective on the history of ideas and thinking in evolutionary biology, revealing the connections between the different disciplines in ecology and evolution, as well as their origins. From a scientific point of view, it examines the interplay between genetic changes and natural selection. The second part of the lecture is a primer on general principles of ecology. This part of the lecture is mainly repeating basic and general principles of ecology to bring EES students to a common knowledge base, independent of their educational background during their bachelor studies. Students will learn and discuss the relationships between the individual and its environment, the dynamics of populations and the structure and function of communities.

**Learning outcomes** The students will have an integrated view on multiple disciplines born from 19th century Natural Sciences that examine

the interactions between species, their genomes, their kins and their environment.

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<b>Examination</b>	Written exam
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Prof. Dr. Niels Dingemanse; Prof. Dr. Herwig Stibor; Prof. Dr. Nicolas Gompel
<b>Language(s)</b>	English
<b>Additional information</b>	None

## Module: WP 46 Praxis in Umwelt und Gesellschaft

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Internship	WP 46.1 Berufliche Praxis	WiSe and SoSe	-	90 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 0 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** None

**Elective guidelines** Das Modul kann unter Beachtung folgender Regeln gewählt werden: Aus den Wahlpflichtmodulen WP 1 bis WP 47 sind Wahlpflichtmodule im Umfang von insgesamt 36 ECTS-Punkten zu wählen. Dabei sollen im 1., 2. und 3. Fachsemester Wahlpflichtmodule im Umfang von jeweils 12 ECTS-Punkten gewählt werden.

**Entry requirements** None

**Semester** Recommended semester: any

**Duration** The successful completion of the module takes 1 semester.

**Content** Students identify and pursue independent professional or applied opportunities for practical training in the wider field of environment and society.

**Learning outcomes** Students develop their career profile by acquiring additional skills and practical experience in their professional field of interest.

**Examination** Internship report

**Type of assessment** The successful completion of the module will not be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** German or English

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**Additional information** None

## Module: WP 47 Akademisches Networking

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Conference	WP 47.1 Präsentation bei einer akademischen Veranstaltung	WiSe and SoSe	-	90 h	(3)

For successful completion of the module, 3 ECTS credits have to be acquired. Class attendance averages about 0 contact hours. Including time for self-study, 90 hours in total have to be invested.

**Module type** Compulsory elective module with mandatory course

**Usability of the module in other Programs** None

**Elective guidelines** The module can be selected in compliance with the following rules: From the compulsory elective modules WP 1 to WP 47, compulsory elective modules with a total of 36 ECTS credits are to be selected. In the 1st, 2nd and 3rd semester, compulsory elective modules with a total of 12 ECTS credits each are to be selected.

**Entry requirements** None

**Semester** Recommended semester: 2, 3 or 4

**Duration** The successful completion of the module takes 1 semester.

**Content** Students identify and pursue opportunities for their independent academic networking and career development, including through attending and giving a presentation or poster at a conference, workshop, or symposium on environmentally relevant themes.

**Learning outcomes** Students develop their professional profile and connections, especially but not exclusively in an academic context. They gain confidence in presenting their research and work to a professional audience.

**Examination** Report or poster

**Type of assessment** The successful completion of the module will not be graded.

**Requirements for the gain of ECTS credits** ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.

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**Responsible contact** Dr. Anna Antonova, Dr. Hanna Straß-Senol

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**Language(s)** English or German

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**Additional information** None



## Module: P 8 Final Module

**Program** Master's Program: Environment and Society  
(Master of Arts, M.A.)

### Related module parts

Course type	Course (mandatory)	Rotation	Contact hours	Self-study hours	ECTS
Master's thesis	P 8.1 Master's Thesis	WiSe and SoSe	-	840 h	(28)
Colloquium	P 8.2 Colloquium Master's Thesis	WiSe and SoSe	30 h (2 SWS)	30 h	(2)

For successful completion of the module, 30 ECTS credits have to be acquired. Class attendance averages about 2 contact hours. Including time for self-study, 900 hours in total have to be invested.

<b>Module type</b>	Mandatory module with mandatory course
<b>Usability of the module in other Programs</b>	None
<b>Entry requirements</b>	None
<b>Semester</b>	Recommended semester: 4
<b>Duration</b>	The successful completion of the module takes 1 semester.
<b>Content</b>	Students prepare, research, and complete a thesis project on a topic of their choice. They present their work, or work-in-progress.
<b>Learning outcomes</b>	Students choose a topic and develop a research question. They develop their own work plan for their thesis project and follow it through. They gain advanced skills in developing and presenting an argument and complete their master's thesis in Environment and Society.
<b>Examination</b>	Master's thesis
<b>Type of assessment</b>	The successful completion of the module will be graded.
<b>Requirements for the gain of ECTS credits</b>	ECTS credits will be granted when the module examination (or the examination of pertinent mandatory and potential elective compulsory module parts) has/have been completed successfully.
<b>Responsible contact</b>	Dr. Anna Antonova, Dr. Hanna Straß-Senol

**Language(s)** English

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**Additional information** None