

universität freiburg



Module Handbook

BA/BSc Program

Liberal Arts and Sciences

Study and Examination Regulations 2020



UNIVERSITY
COLLEGE
FREIBURG

Contents

General Information	3
1 Core Modules	1
1.1 English Academic Writing	1
1.2 Research and Presentation.....	2
1.3 Dealing with Numerical Information	3
1.4 Advanced Academic Skills	4
1.5 Knowledge in Context	5
1.6 Theory of Knowledge	6
1.7 Theory of Science	7
1.8 Science in Context	8
1.9 Responsibility and Leadership I	9
1.10 Responsibility and Leadership II	10
2 Modules of the Major Environmental and Sustainability Sciences	11
2.1 Introduction to Environmental and Sustainability Sciences	11
2.2 Mathematics for the Sciences	12
2.3 Methods of Observing Nature	13
2.4 Environmental Chemistry	14
2.5 Earth System.....	15
2.6 Ecology and Biodiversity	16
2.7 Sustainability Sciences.....	17
2.8 Humans and the Environment I.....	18
2.9 Humans and the Environment II.....	19
2.10 Methods I.....	20
2.11 Methods II.....	21
2.12 Specialization I: Environmental and Sustainability Sciences	22
2.13 Specialization II: Environmental and Sustainability Sciences	23
2.14 Senior profile: Environmental and Sustainability Sciences	24
3 Modules of the Major Life Sciences	25
3.1 Introduction to Life Sciences	25
3.2 Mathematics for the Sciences	26
3.3 Foundational Chemistry	27
3.4 Cell Biology	28
3.5 Physiology	29
3.6 Laboratory Work for the Life Sciences	30
3.7 Methods I.....	31
3.8 Methods II.....	32



3.9	Advanced Life Sciences I	33
3.10	Advanced Life Sciences II	34
3.11	Advanced Life Sciences III	35
3.12	Specialization I: Life Sciences	36
3.13	Specialization II: Life Sciences	37
3.14	Senior Profile: Life Sciences	38
4	Modules of the Major Governance	39
4.1	Introduction to Governance	39
4.2	Political Theory	41
4.3	International Relations	43
4.4	Law	44
4.5	Comparative Politics	45
4.6	Methods	47
4.7	Economics	48
4.8	Regional and Area Studies	50
4.9	Advanced Governance I	52
4.10	Advanced Governance II	53
4.11	Specialization Governance	54
4.12	Research in an Area of Governance	56
4.13	Senior Profile Governance	58
5	Modules of the Major Culture and History	60
5.1	Introduction to Culture and History	60
5.2	Theory of Culture	61
5.3	Theory of History	62
5.4	Culture: Peoples and Practices	63
5.5	Culture: Arts	64
5.6	Philosophy	65
5.7	History: Ancient, Medieval, or Early Modern	66
5.8	History: Modern or Contemporary	67
5.9	Culture and History I	68
5.10	Culture and History II	69
5.11	Culture and History III	70
5.12	Specialization I: Culture and History	71
5.13	Specialization II: Culture and History	72
5.14	Senior Profile: Culture and History	73
6	Electives	74
7	Bachelor Thesis	75



General Information

This handbook provides all necessary information on the modules of the four-year bachelor program “Liberal Arts and Sciences” (LAS). The legal foundation for the LAS program is provided in the Bachelor of Liberal Arts and Sciences Study and Examination Regulations (5th amendment) that were passed (in German) by the University Senate in its meeting in March 2020 (see Official Bulletins Vol. 51, No. 27, pp. 99-102). Courses that can be taken to fulfill these modules are listed in the LAS Course Catalog of the respective semester.

Educational Goals

The LAS Program aims to educate responsible citizens who are able to approach complex problems from multiple perspectives. Rather than aiming to prepare students for a specific profession, it equips them for civic engagement and a range of careers in a changing labor market in and outside academia. To this end, the program fosters a process of intellectual growth and personal development in an interdisciplinary and international learning community. For students interested in an academic career, it provides an excellent basis for entrance into (specialized) Master and PhD programs.

The primary educational goals of LAS are rooted in the tradition of liberal education and aligned with the educational goals of the University of Freiburg as well as the mission of University College Freiburg. The program aims to develop and cultivate students’

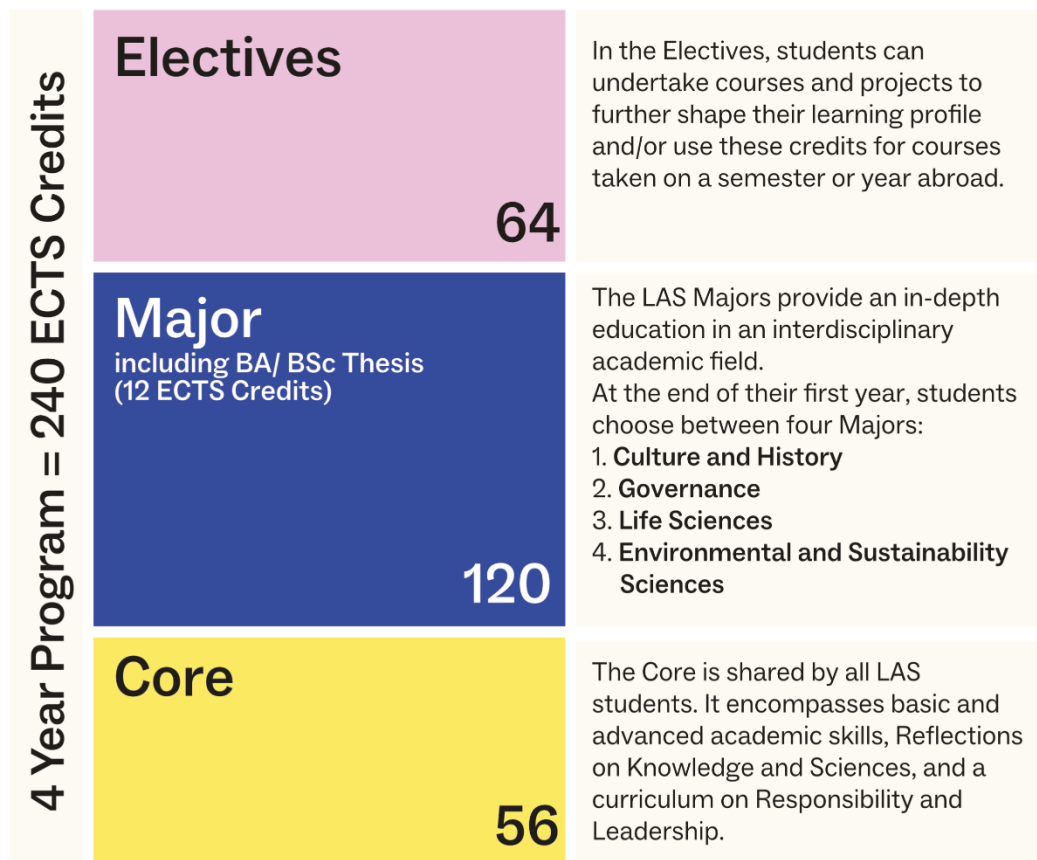
- intellectual curiosity and eagerness for lifelong learning in ways suited to their aspirations
- interdisciplinary versatility and ability to approach complex questions from multiple points of view
- specialized academic knowledge and disciplinary methodological skills
- critical thinking and ability to learn in interactions with others
- academic key skills alongside an understanding of good scientific practice and an ability to reflect critically on science and knowledge
- engaged citizenship and responsibility in a global world requiring communication across disciplines, intercultural awareness, and reflexivity.

Principles and Curriculum Design

The design of the LAS curriculum is innovative, especially in the context of German higher education. It combines two sets of seemingly antagonistic principles:

- **Depth & Breadth:** combining specialization at a high academic level (Major) with a broad interdisciplinary foundation (Core and Electives)
- **Structure & Freedom:** combining an educational framework of required Modules (Core Modules and basic Major Modules) with a substantial degree of freedom for students to develop their own study profile (advanced Major Modules and Electives)

The curriculum consists of three integrated components:



The **Core** is a distinctive feature of the Freiburg LAS Program and is closely linked to the two UCF Chairs in Sciences and Technology Studies and Epistemology and Theory of Science. Comprised of 56 credit points, the Core forms the coherent and shared foundation of this interdisciplinary and flexible Program. It is compulsory and encompasses basic and advanced academic skills, Reflections on Knowledge and Science, and a curriculum on Responsibility and Leadership.

Students specialize in one of four **Majors** (see below). These Majors are linked to the research and teaching profile of the University of Freiburg without emulating any of its existing study programs. They range from the humanities to the social and natural sciences and are in themselves interdisciplinary. Students are required to take introductory courses in three of the Majors before they choose one. In the chosen Major, students earn 104 credit points. Another 16 credit points will be achieved in those introductions that belong to Majors not chosen. Although basic Major Modules are compulsory, students can choose between different courses when it comes to the advanced Modules. Students write their Bachelor thesis (12 credit points) in the chosen Major. Depending on their Major, students will graduate with a Bachelor of Arts or a Bachelor of Sciences.

The **Electives** part of the program (64 credit points) allows students to supplement their Major and to shape their specific academic profile. Depending on their intellectual interests and future plans, students use the Electives to deepen, focus, or broaden their studies. Students take courses from other LAS Majors as Electives and choose from the wide range of courses at the University of Freiburg. The Electives requirement is also designed to accommodate study abroad, language requirements, internships, and special projects.

Major	General Focus	Disciplinary Focus	Themes in Advanced Modules
Environmental and Sustainability Sciences	Exploration of our planet earth and the interaction between human activities and the environment for more sustainability	Earth Sciences, Environmental Sciences, Technology Studies, Ecology, Biology	Environmental Governance, Environmental History, Environmental Engineering, Sustainable development
Life Sciences	The human body and the human mind	Physiology, Cell Biology, Biochemistry, Biopsychology	Behavioral neuroscience, medical biology
Governance	Study of social realities; negotiation and achievement of common goals in communities, states, and markets	Political Sciences, incl. International Relations, Law, Economics, Public Policy, Area Studies	Environmental governance, diplomacy, social theory, diversity
Culture and History	Theoretically informed, methodologically sound, and empirically-based interpretation of cultures and histories	History, Philosophy, Anthropology, Cultural Studies, and the study of aesthetics and the arts (e.g., Literary Studies, Arts History, Film Studies)	Museum studies, gender / sexuality / queer studies, urban planning

Study Plan Liberal Arts and Sciences Bachelor Program

Year	Winter Semester		Summer Semester	
	Block I	Block II	Block III	Block IV
1	Research and Presentation (6)	Responsibility and Leadership I (6)	Introduction to Major (8)	Introduction to Major (8)
	Knowledge in Context (6)		Introduction to Major (8)	
	English Academic Writing (6)		Dealing with Numerical Information (6)	
	Language (4-8)			
2				
	Theory of Knowledge (6)		Theory of Science (6)	
			Advanced Academic Skills (2)	
3	Responsibility and Leadership II (6)			
			Science in Context (6)	
4			B.A./ B.Sc. Thesis (12)	

Responsibility and Leadership II is offered in different forms throughout the year.

For students abroad in year 3, we recommend to take Science in Context and Responsibility & Leadership II in year 4.

Continuous Assessment

According to the LAS Study and Examination Regulations 2020, many modules are completed by graded examinations (PL). A graded examination may consist of different components, so called continuous assessments. A module may for instance be completed with a graded oral presentation and a graded written assignment. The weighting of the grades received for the single components are – where possible – specified in this Module Handbook.

1 Core Modules

1.1 English Academic Writing		00LE62MO-LAS20-2120	
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Winter Semester	Year of Studies	1
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	240h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Thorsten Leiendecker, M.A.		
Prerequisites	None		
Module content & objectives			
<p>The module is designed to introduce students to the essentials of English academic writing. Its objective is to explore how writing is not simply a passive medium of communication but also a social activity that involves many actors and has multiple effects in the world.</p> <p>In the first part, students will identify academic discourse and the features of academic writing on a micro-level. They will learn how to write structured paragraphs and how to present their research – in the form of summary, paraphrase, and quotation – with academic integrity.</p> <p>In the second part, we will explore critical reading and writing with a focus on diverse academic genres and their prevalence in different disciplines. Over the second part, students will focus on a specific topic and practice two genres of academic writing. They will gain experience with different stages of the writing process: preparatory writing, research, outlining, drafting, and revising in progressive stages.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. identify, analyse, and evaluate academic texts 2. use outside sources appropriately with academic integrity, 3. write persuasively and critically, 4. think of writing as a process with multiple stages, including preparation, composition, and revision, 5. give appropriate attention to context – including audience, situation, genre, and discipline – in writing. 			
Graded Examination			
<p>Three written assignments (rhetorical analysis 20%, contextual analysis 35%, position paper 40%, not to exceed 5,000 words total) based on independent research and developed over multiple stages.</p>			
Pass/Fail Examination			
<p>Attendance in line with the LAS policy and interaction with other participants' writing. Written assignments.</p>			

1.2 Research and Presentation			00LE62MO-LAS15-2110
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Winter Semester	Year of Studies	1
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Lecture, Seminar	Language	English
Module Coordinator	Dr. Simon Büchner		
Prerequisites	None		
Module content & objectives			
<p>The module covers two basic skills of scholarly work: literature research and presentation of a topic in a talk. It will impart theoretical knowledge on the skills while at the same time practice them on current complex problems. Students will learn how to independently research literature, how to summarize its content, how to use it in an essay, and how to present a topic to a particular audience.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. identify and classify scholarly and non-scholarly texts, 2. find literature on a particular topic in libraries, search engines and literature data bases, 3. understand and summarize simple scholarly texts, 4. present a topic to peers within a given time frame. 			
Graded Examination			
Oral presentation of a topic (30%) and an annotated bibliography of no more than 2,000 words (70%).			
Pass/Fail Examination			
Attendance in the seminars in line with the LAS policy.			

1.3 Dealing with Numerical Information			00LE62MO-LAS15-2130
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Summer Semester	Year of Studies	1
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Lecture, Seminar and Workgroup	Language	English
Module Coordinator	Dr. Sebastian Gehart		
Prerequisites	None		
Module content & objectives			
<p>The module introduces the usage of numerical data and techniques in scientific, as well as non-scientific work. Students learn different forms of data illustration and falsification. They procure basic theoretical and practical knowledge of probability theory and descriptive and analytical statistics.</p> <p>Basic theoretical knowledge of probability theory and descriptive and analytical statistics are presented during lectures and practiced in exercise tutorials. The acquired knowledge is put in context, discussed and applied in work-groups and software tutorials using the statistics package R.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. interpret and analyze numerical and graphical information, 2. illustrate numerical data meaningfully, 3. recall key concepts of probability theory, descriptive and inference statistics, 4. apply basic descriptive and analytical statistics to different sets of data. 			
Graded Examination			
Written exam of 90-120 mins.			
Pass/Fail Examination			
Attendance in the seminars and workgroups in line with LAS policy; quantitative student project; students need to attain 50% of all possible points awarded for correct answers in the exercise sheets.			

1.4 Advanced Academic Skills			00LE62MO-LAS20-2140
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Summer Semester	Year of Studies	2-3
Contact Hours	1 SWS (à 45 min)	Credit Points	2
Workload	60h (10h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Thorsten Leiendecker, M.A.		
Prerequisites	None		
Module content & objectives			
<p>This module builds upon the contents of the basic academic skills courses English Academic Writing, Research and Presentation and Dealing with Numerical Information. Students may choose between different options, such as Writing Lab, Argumentation and Numerical Visualisation. The courses will refresh the respective skills based on the experience students made after the foundational year. In a second part, participants will develop advanced and further competences in each section and apply it to material from their studies.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. understand different levels of academic skills, 2. apply advanced academic skills to diverse situations and contexts, 3. develop self-awareness regarding their own academic habits, e.g. in relation to the different stages of written or oral expression. 			
Graded Examination			
--			
Pass/Fail Examination			
Attendance in line with the LAS policy and submission of written assignments or oral presentations.			

1.5 Knowledge in Context			00LE62MO-LAS15-2230
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Summer Semester	Year of Studies	1-2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Prof. Dr. Veronika Lipphardt		
Prerequisites	None		
Module content & objectives			
<p>This core module aims at a first exposition of what it means to approach complex problems from various perspectives. It introduces students to three of the key issues in Liberal Arts and Sciences: Interdisciplinarity, Methodological choices and Critical Thinking.</p> <p>Students learn about different concepts of inter-, multi-, trans-, cross- and monodisciplinarity, and their histories and trajectories in the academic world. They learn how and why methodologies are a crucial component of disciplinary and interdisciplinary identity, coherence and boundary work. Far from seeing Critical Thinking as a mere buzzword, the course introduces concepts of Critical Thinking and trains students with concrete examples to employ Critical Thinking to complex topics. Such topics may include some that have proven to be of special interest for LAS students: For example, "Knowledge", "Validity", "Creativity", "Intelligence", "Talent", "Elites", "Motivation" etc.; academic literature on these topics will be discussed. Emphasis may vary with instructor. The course also provides a platform for students' deliberations on their own study program and individual study path.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. articulate various concepts of inter-, trans-, multi-, cross- and monodisciplinarity, 2. articulate various methodological approaches to simple and complex problems, 3. understand and apply key concepts of Critical Thinking. 			
Graded Examination			
Oral group presentation.			
Pass/Fail Examination			
Attendance in workgroups in line with the LAS policy and project presentations.			

1.6 Theory of Knowledge			00LE62MO-LAS15-2210
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Winter Semester	Year of Studies	1-2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Prof. Dr. Frieder Vogelmann		
Prerequisites	None		
Module content & objectives			
<p>This fundamental module in the LAS program introduces students to philosophical questions concerning knowledge and knowledge production. It focuses on conceptual considerations of central issues from epistemology: what is knowledge, justification or truth? How are we to respond to sceptical arguments? How can we understand the connection between knowledge and social power? Finally, this module also introduces students to political and social aspects of knowledge and attempts to theorize them like social and feminist epistemology.</p> <p>Alongside epistemology, the module also offers an introduction to basic ideas from logic and the philosophy of language. Students learn to examine, criticise and improve arguments from a wide variety of philosophical views. Through lectures, readings and workgroup discussions, students are introduced to philosophical methods and theoretical discussions. Overall, the module privileges the understanding of philosophical problems over the knowledge of philosophical positions.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. distinguish sound deductive arguments from fallacies and explain key concepts of epistemology: e.g., knowledge, justification and truth, 2. reflect on different attempts to solve these problems, as well as their (dis-)advantages, 3. navigate the philosophical literature on epistemology on their own. 			
Graded Examination			
Presentation (20%) and written exam of 90-120 minutes (80%).			
Pass/Fail Examination			
Attendance in workgroups in line with the LAS policy, oral presentations or response papers.			

1.7 Theory of Science			00LE62MO-LAS15-2220
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Summer Semester	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format/ Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Prof. Dr. Frieder Vogelmann		
Prerequisites	None		
Module content & objectives			
<p>This fundamental core module of the LAS program introduces students to philosophical perspectives on scientific theories and practices. Particular attention is paid to the field of philosophy of science and the way that philosophers of science conceptualize the characteristics and scope of scientific thought. Students will engage with questions such as whether all kinds of scientific practice can be understood by a single scientific method, what is specific about scientific explanations of phenomena, and whether there is a clear demarcation between sciences and pseudo-sciences. Furthermore, the module explores whether scientific practices disclose or construct reality and whether there is progress in the sciences.</p> <p>Through lectures, readings, and workgroup discussions, students are introduced to the major questions and problems in the philosophy of science, as well as to the most important attempts to answer or solve them. Students will critically reflect concepts such as rationality, objectivity, theory, natural laws, or realism.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe and explain fundamental concepts of the sciences, e.g., "theory" or "experiment," 2. discuss different conceptions of scientific explanation and confirmation, 3. reflect upon the (alleged) rationality and objectivity of science, 4. understand the difference between a normative and a socio-historical view on science. 			
Graded Examination			
Presentation (20%) and written exam of 90-120 minutes (80%).			
Pass/Fail Examination			
Attendance in workgroups in line with the LAS policy, oral presentations or response papers.			

1.8 Science in Context			00LE62MO-LAS15-2240
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Winter Semester	Year of Studies	3-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Prof. Dr. Veronika Lipphardt		
Prerequisites	None		
Module content & objectives			
<p>This is a fundamental core module of the LAS program which teaches students how science and technology can be described and analysed as sociocultural and historical phenomena. It emphasizes, therefore, that science is not a socially detached body of knowledge or that technology is not a given set of artifacts, but rather that these are the outcomes of geographically, historically, and culturally situated practices. Of special relevance are the disciplines of Science and Technology Studies, Anthropology of Science and Technology, History of Science and Technology, and Sociology of Science and Technology.</p> <p>The module focuses on the empirical study of science and technology, through lectures, readings, and workgroup activities and discussions. Important theoretical schools within the field of Science and Technology Studies that focus both on how society influences science and technology and on how science and technology influence society will be introduced.</p> <p>In addition, it invites students to reflect upon their own involvement in science and technology, to develop a critical but not negative understanding of the role of science and technology in the world, and to consider the impact and implications of their own work for society.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe and explain fundamental elements of an empirical, sociocultural perspective on science and technology, 2. independently apply the general outlook of key theoretical schools introduced in the module to empirical settings , 3. engage in extemporaneous discussions, debates, and presentations that analyse, compare, and contrast key scholarship in the field and how later theoretical schools emerged from earlier ones, 4. contrast the perspective of this module with the perspective of the corresponding module Theory of Science, 5. undertake and present on empirical research that takes integrates primary research with Science and Technology Studies Theories. 			
Graded Examination			
Written e-portfolio consisting of a take-home exam and results of projects conducted in workgroups.			
Pass/Fail Examination			
Attendance in workgroups in line with the LAS policy, oral presentations.			

1.9 Responsibility and Leadership I			00LE62MO-LAS15-2310
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Every Winter Semester	Year of Studies	1
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Thorsten Leiendecker, M.A.		
.Prerequisites	None		
Module content & objectives			
<p>The first module of “Responsibility and Leadership” has an introductory character. It combines insights from Psychology, Philosophy, Economics, Anthropology and Sociology and focusses on two larger themes:</p> <ol style="list-style-type: none"> 1. responsible action and the dynamics of human interaction, 2. diversity and responsible leadership <p>The module provides academic insights and tools for reflection for dealing with the challenges of leading responsible actions. The courses are taught in a combination of seminar sessions and lectures.</p> <p>The module will also introduce practical skills for project work in a group. Students will apply the contents of the seminars in self-organized projects which are supervised by the instructors and presented at a common conference at the end of the courses.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. outline and keep apart insights from different disciplines that deal with responsible leadership, 2. describe and explain how diversity and communication affect individuals and collectives, 3. recognize and apply skills of planning and organization in self-governed collaborative groups, 4. approach ethical problems in decision making from theoretical and practical points of view. 			
Graded Examination			
--			
Pass/Fail Examination			
Attendance in workgroups in line with the LAS policy and presentation of a group project at the final conference.			

1.10 Responsibility and Leadership II			00LE62MO-LAS15-2320
Study Area	Core		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	Yearly	Year of Studies	3-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Thorsten Leiendecker, M.A.		
Prerequisites	None		
Module content & objectives			
<p>This module builds on the introduction given in “Responsibility and Leadership I” and deepens a selection of its main areas. The approach is rooted in scientific approaches from Psychology, Philosophy, Economics, Anthropology and Sociology and is supplemented by excursions, practical skills and exercises for professional and / or civic purposes. Combinations and emphasis may vary but address and focus on at least two of the following main areas:</p> <ol style="list-style-type: none"> 1. bases and dynamics of human interaction, 2. equality, diversity and non-discriminatory practice, 3. ethics, decision-making and responsible action, and 4. leadership and managerial challenges. 5. the module will also offer students the opportunity to apply principles of responsible leadership in self-organized practical projects such as Service Learning. 			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe and keep apart approaches and contributions from different academic disciplines for the subject area responsibility and leadership, 2. reflect on social and individual aspects of responsibility and leadership, 3. apply and adapt practical examples for problems that concern responsible and leading actions. 			
Graded Examination			
Written assignment (not to exceed 4,000 words total).			
Pass/Fail Examination			
Attendance in line with the LAS policy.			

2 Modules of the Major Environmental and Sustainability Sciences

2.1 Introduction to Environmental and Sustainability Sciences		00LE62MO-LAS15-6100	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Environmental and Sustainability Sciences Major Compulsory Elective for other Majors (Multidisciplinarity)		
Frequency	Every Summer Semester	Year of Studies	1
Contact Hours	3,5 SWS (à 45 min)	Credit Points	8
Workload	240h (40h instruction time)	Duration of Module	1 Semester
Course Format / Teaching Methods	Seminar, Practical Classes, Workgroup	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	none		
Module content & objectives			
<p>In this module, students learn the basics of natural and socio-economic processes in order to better understand the challenges and possibilities for a sustainable development. Students will focus on sustainability as a balance between environmental, social, and economic systems. A strong focus of this module is on the human being and its interactions with the natural environment.</p> <p>Students will acquire basic knowledge of the Earths interacting components to gain a holistic view of our planet. This includes our physical environment (e.g. climate, water, soil) and our living environment (e.g. plants and animals, especially humans) as well as the interaction between the two. Students engage in scientific work related to contemporary environmental issues (e.g. biodiversity loss, environmental pollution, climate change, resource exploitation, ecosystem degradation) and will also explore sustainability through the lens of socio-economic processes and concepts. Additionally, students are introduced to some basic research methods used in the field of Environmental and Sustainability Sciences.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. understand the basic structures and functions of our planets components and their interaction with each other, 2. identify links between these components and/or between past and contemporary environmental challenges, 3. acquire a basic understanding of human influence on the environment, 4. analyse and evaluate the challenges and possibilities for a sustainable development from a natural and social sciences perspective, 5. conduct basic scientific work/experiments, 6. present a topic according to basic scientific standards. 			
Graded Examination			
<p>The final examination for this module consists of a portfolio. The portfolio includes a scientific poster, written reports of practical work, excursions and seminar topics. Total 2,500 words.</p>			
Pass/Fail Examination			
<p>Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.</p>			

2.2 Mathematics for the Sciences		00LE62MO-LAS15-6110	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Environmental and Sustainability Sciences Major Compulsory for Life Sciences Major Elective for Governance Major and Culture and History Major		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Lecture, Tutorial	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	none		
Module content & objectives			
<p>This module introduces the basic concepts of mathematics, including, but not limited to analysis and algebra. It covers both the theoretical concepts of mathematics, as well as their application to the sciences in general. The module covers mathematics as it is needed for a major in Environmental and Sustainability Sciences.</p> <p>Accordingly, most mathematical concepts will be taught with their application in the sciences in mind (e. g. properties of functions, derivatives, integrals, and geometrical vectors), enabling students to conduct quantitative analyses of simple mathematical problems.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. master basic concepts of analysis and linear algebra. 2. identify appropriate mathematical approaches to analyse a given problem and reach a quantitative solution, 3. recognise abstract concepts behind a given problem, to find similarities to already known situations. 			
Graded Examination			
Written exam of 90 min.			
Pass/Fail Examination			
Submission of exercise sheets			

2.3 Methods of Observing Nature			00LE62MO-LAS15-6120
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, practical work, excursions	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	none		
Module content & objectives			
<p>In this module, students explore the natural environment through direct field experience. There is a strong focus on practical work. Students gain hands-on experience with methods used to gather, analyze and present information about our environment, especially while being in the field. Topics can focus on different parts of our Earth system such as the hydrosphere, lithosphere, atmosphere and biosphere as well as the interaction between them.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe and report observations of natural processes, 2. link their theoretical knowledge to observations of natural processes or problems in the field, 3. explain links between particular natural processes and human actions, 4. communicate these observations . 			
Graded Examination			
Communication of observations in an oral presentation (15 min, 30%) and written assignment (2,000 words, 70%).			
Pass/Fail Examination			
Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.			

2.4 Environmental Chemistry		00LE62MO-LAS15-6130	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	none		
Module content & objectives			
<p>In this module students are introduced to the basics of Environmental Chemistry. Students study the main building blocks of our material world composed of atoms, ions and molecules. They investigate fundamental chemical reactions and electron-transfer reactions (redox chemistry). In addition, they are introduced to basic thermodynamic and kinetic principles driving chemical reactions. Finally, they explore the essential elements of life on Earth and they will take a closer look at the chemistry of several important biogeochemical cycles and biological processes.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe the basic electronic and structural features of molecules. 2. set up and complete chemical equations. 3. understand elementary thermodynamic (heat) and kinetic (velocity) aspects of chemical reactions. 4. apply the principles of structure and reactivity to essential life processes in the presence and absence of dioxygen. 5. present/discuss a selected topic. 			
Graded Examination			
<p>The final examination for this module consists of a written exam (60 min, 60%) and a written assignment (1,000 words, 40%).</p>			
Pass/Fail Examination			
<p>Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.</p>			

2.5 Earth System		00LE62MO-LAS15-6140	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, practical work, excursions	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	none		
Module content & objectives			
<p>In this module, students explore fundamental principles of the Earth System, to gain a basic understanding of the functioning of our planet. They will do so by focusing on one of the Earths components, including the hydrosphere and cryosphere, the atmosphere, the lithosphere and pedosphere (a stronger focus on the biosphere is already given in the module ecology and biodiversity). However, since these components are all part of one global system, they will also explore how the component of focus interacts with the other spheres. During the seminars, students will link their acquired knowledge to current environmental challenges.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe and understand the basic principles of the Earth system, 2. explore and analyze one of the Earths spheres (except the biosphere) in more depth 3. examine links between basic principles of the earth's spheres and contemporary environmental challenges (e.g. earth quakes, reservoirs of resources, soil degradation, climate change, water pollution, draught) 			
Graded Examination			
<p>The final examination for this module consists of a written exam (60 min, 70%) and a written assignment (1,500 words, 30%).</p>			
Pass/Fail Examination			
<p>Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.</p>			

2.6 Ecology and Biodiversity			00LE62MO-LAS15-6150
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Practical Classes, Excursion	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	none		
Module content & objectives			
<p>Biological processes in nature are affected by ecological interactions and we as human beings are part of this global network. In this module, students will focus on different biotic entities such as individuals and communities and how individuals in these communities interact with each other and their environment. In addition, the implication for nature conservation, resource use and the study of human impact on the environment are addressed.</p> <p>Students acquire fundamental knowledge about ecological principles and research approaches during the seminar and practice ecological research methods during practical classes.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. recall basic ecological principles that control and regulate populations, communities and ecosystems, 2. explain ecological patterns by applying these principles, 3. discuss implications of these principles for nature conservation, resource use and/or the study of human impact on the environment, 4. perform basic ecological research and report its outcome. 			
Graded Examination			
The final examination for this module consists of a written assignment (2,000 words, 70%) and an oral presentation (15 min, 30%).			
Pass/Fail Examination			
Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.			

2.7 Sustainability Sciences			00LE62MO-LAS15-6160
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	none		
Module content & objectives			
<p>The growing human footprint on our planet is clearly shown by the enormous consumption of renewable (e.g. biomass) and non-renewable resources (e.g. fossil fuel). To sustain a high human development without destroying the environment, the equilibrium between economic viability, environmental tolerability and social fairness is required.</p> <p>In this module students explore the cycling of materials on a local and /or global scale. This includes the life cycle of elements (e.g. carbon, nitrogen), molecules (e.g. water) and certain natural or human-made material (e.g. sand, metal, biomass, food, plastic, electronic devices). Course topics focus on the (un)sustainable use of natural resources e.g. for energy conversion, such as renewable energy systems and/or food production.</p> <p>Students learn about processes and mechanisms that govern the cycling of the studied matter/material, about its flow and flux patterns, about its various forms as it goes through the different phases of the cycle, and about important reservoirs and residence times. Students also explore interactions with other cycles.</p> <p>In addition, students examine the link between the cycle and humans (i.e. the influence of the cycle on humans and the influence of humans on the cycle), and discuss socioeconomic concepts and environmental management strategies.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe a specific cycle of matter and material in detail, 2. understand and discuss specialized texts and research methods in the area covered in the module, 3. apply acquired knowledge and research skills to the study of other global cycles of matter or material. 			
Graded Examination			
A written assignment (2,000 words, 70%) and oral presentation (15 min, 30%) or a written assignment (2,500 words, 100%)			
Pass/Fail Examination			
Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.			

2.8 Humans and the Environment I			00LE62MO-LAS15-6430
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Every semester	Year of Studies	2, 3, 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, excursion	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	Successful completion of the module Introduction to Environmental and Sustainability Sciences		
Module content & objectives			
<p>In this module students will explore the interactions of humans with their environment in more depth. Thereto, they will identify and analyze different environmental issues (such as resource exploitation, biodiversity loss, pollution) and possibilities to approach these issues sustainably. This includes also the role of the environment in society, governance, technology and/or culture. Such interdisciplinary orientation is at the basis of the design of courses jointly offered by LAS Majors.</p> <p>Course contents can focus on the impact humans and their behavior have on the environment and/or vice versa. This also includes how humans interpret, approach and govern environmental and sustainability issues. Strategies to manage the impact humans have on the environment and vice versa can be illustrated and discussed.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe the complex interrelationships between humans and the environment, 2. identify, analyse and discuss approaches of humans to deal with environmental and sustainability issues, 3. analyse and discuss specialized texts and research methods in the area covered, 4. apply acquired knowledge and research skills to other topics about environmental issues and their relationship to humans. 			
Graded Examination			
A written assignment (2,000 words) and an oral presentation (15 min) or a written assignment (2,500 words). The weight of the components will be specified in the course catalog.			
Pass/Fail Examination			
Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.			

2.9 Humans and the Environment II			00LE62MO-LAS15-6435
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Every semester	Year of Studies	2, 3, 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	Successful completion of the module Introduction to Environmental and Sustainability Sciences		
Module content & objectives			
<p>In this module students will explore the interactions of humans with their environment in more depth. Thereto, they will identify and analyze different environmental issues (such as resource exploitation, biodiversity loss, pollution) and possibilities to approach these issues sustainably. This includes also the role of the environment in society, governance, technology and/or culture. Such interdisciplinary orientation is at the basis of the design of courses jointly offered by LAS Majors.</p> <p>Course contents can focus on the impact humans and their behavior have on the environment and/or vice versa. This also includes how humans interpret, approach and govern environmental and sustainability issues. Strategies to manage the impact humans have on the environment and vice versa can be illustrated and discussed.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe the complex interrelationships between humans and the environment, 2. identify, analyse and discuss approaches of humans to deal with environmental and sustainability issues, 3. analyse and discuss specialized texts and research methods in the area covered, 4. apply acquired knowledge and research skills to other topics about environmental issues and their relationship to humans. 			
Graded Examination			
A written assignment (2,000 words) and an oral presentation (15 min) or a written assignment (2,500 words). The weight of the components will be specified in the course catalog.			
Pass/Fail Examination			
Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.			

2.10 Methods I		00LE62MO-LAS15-6440	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Every semester	Year of Studies	2, 3, 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, practical work	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	Successful completion of the module Introduction to Environmental and Sustainability Sciences		
Module content & objectives			
<p>In this module students will acquire skills to understand and apply quantitative research methods that can be applied in the Environmental and Sustainability Sciences. The methods learned and applied can be e.g. experimental work, standardized observations, statistics, surveys, data processing and modelling. Students will gather hands on experience by conducting data analysis using a certain research method either in class or in the field. Thereby, they will get familiarized with certain techniques of data gathering, analysis, interpretation and communication.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe a research problem in the field of Environmental and Sustainability Sciences, and the suitable method to approach this problem 2. understand and evaluate the quality of datasets 3. apply a scientific method to analyse the obtained or given datasets and communicate it in a report 			
Graded Examination			
<p>The graded assessment can consist of a practical performance or a written assignment (2,500 words) or an oral presentation (15 min) and a written assignment (2,000 words) or a combination of these types of tests. The weight of the components will be specified in the course catalog.</p>			
Pass/Fail Examination			
<p>Participation in course activities (including attendance in line with the LAS policy) and submission of exercises.</p>			

2.11 Methods II		00LE62MO-LAS15-6445	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Every semester	Year of Studies	2, 3, 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Lecture, Seminar	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	Successful completion of the module Introduction to Environmental and Sustainability Sciences		
Module content & objectives			
<p>In this module, students will acquire skills to understand and apply quantitative and/or qualitative research methods that can be applied in the Environmental and Sustainability Sciences. The methods learned and applied can be e.g. experimental work, standardized observations, statistics, surveys, data processing and modelling. They can also include e.g. content analysis, semi-structured interviews, descriptive field research and qualitative observations.</p> <p>Students will gather hands on experience by conducting an analysis of information such as data, texts, interviews etc. using a certain research method either in class or in the field. Thereby, they will get familiarized with certain techniques of information gathering, analysis, interpretation and communication.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe a research problem in the field of Environmental and Sustainability Sciences, and the suitable method to approach this problem, 2. understand and evaluate the quality of datasets, 3. apply a scientific method to analyse the obtained or given datasets and communicate it in a report. 			
Graded Examination			
<p>The graded assessment can consist of a practical performance or a written assignment (2,500 words) or an oral presentation (15 min) and a written assignment (2,000 words) or a combination of these types of tests. The weight of the components will be specified in the course catalog.</p>			
Pass/Fail Examination			
<p>Participation in all course activities (including attendance in line with the LAS policy) and submission of exercises.</p>			

2.12 Specialization I: Environmental and Sustainability Sciences			00LE62MO-LAS15-6610
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	3,4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Variable	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	Successful completion of the Introduction to Environmental and Sustainability Sciences and at least two Profile modules incl. methods I and/or methods II.		
Module content & objectives			
<p>This module allows students to select a course on an advanced topic or research method they intend to specialize in. Students can choose from specialization courses offered in the fields of Environmental and Sustainability Sciences. These courses can focus on different fields of study such as Environmental Governance, Science and Technology Studies or Renewable Energy Technologies.</p> <p>The module puts special emphasis on research and/or research methods and covers a certain topic and/or method in its full range. Relevant theory is discussed in depth in order to provide students with a thorough background on the topic. Research methods and/or topics are explored intensively.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. thoroughly understand the theories, concepts and methods relevant to the research area covered in the module, 2. apply the acquired concepts and methods to the study of other topics related to the research area covered in the module, 3. evaluate research in the area covered in the module. 			
Graded Examination			
<p>The graded assessment can consist of a practical performance or a written assignment (2,500 words) or an oral presentation (15 min) and a written assignment (2,000 words) or a combination of these types of tests. The weight of the components will be specified in the course catalog.</p>			
Pass/Fail Examination			
<p>The type of assessment and requirements depend on the course chosen.</p>			

2.13 Specialization II: Environmental and Sustainability Sciences		00LE62MO-LAS15-6620	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Environmental and Sustainability Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	3,4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	40
Course Format / Teaching Methods	Variable	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	Successful completion of the Introduction to Environmental and Sustainability Sciences and at least two Profile modules incl. methods I and/or methods II.		
Module content & objectives			
<p>This module allows students to select a course on an advanced topic or research method they intend to specialize in. Students can choose from specialization courses offered in the fields of Environmental and Sustainability Sciences. These courses can focus on different fields of study such as Environmental Governance, Science and Technology Studies or Renewable Energy Technologies.</p> <p>The module puts special emphasis on research and/or research methods and covers a certain topic and/or method in its full range. Relevant theory is discussed in depth in order to provide students with a thorough background on the topic. Research methods and/or topics are explored intensively.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. thoroughly understand the theories, concepts and methods relevant to the research area covered in the module, 2. apply the acquired concepts and methods to the study of other topics related to the research area covered in the module, 3. evaluate research in the area covered in the module. 			
Graded Examination			
<p>The graded assessment can consist of a practical performance or a written assignment (2,500 words) or an oral presentation (15 min) and a written assignment (2,000 words) or a combination of these types of tests. The weight of the components will be specified in the course catalog.</p>			
Pass/Fail Examination			
<p>The type of assessment and requirements depend on the course chosen.</p>			

2.14 Senior Profile: Environmental and Sustainability Sciences		00LE62MO-LAS15-6630	
Study Area	Environmental and Sustainability Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Environmental and Sustainability Sciences Major		
Frequency	Yearly	Year of Studies	3,4
Contact Hours	Variable	Credit Points	12
Workload	360h	Duration of Module	Semester to a year long
Course Format / Teaching Methods	Seminar, colloquium and project work	Language	English
Module Coordinator	Dr. Sabine Sané		
Prerequisites	Successful completion of the Introduction to Environmental and Sustainability Sciences and at least two Profile modules incl. methods I and/or methods II.		
Module content & objectives			
<p>This module consists of three parts which can vary each in workload, however a total workload of 360h has to be carried out. The three parts are divided in project design, project performance and project communication.</p> <p>Project design: Students will have to attend seminars in which project management and project design is taught. After completion of these seminars, students will be able to state and elaborate their project goal (topic/question) and relevance. They will situate their project in the relevant literature and identify and present the methods they intend to use. Finally, students will set up a project plan that indicates the feasibility of the project within a given timeframe, available resources and skills. It is recommended to take these seminars before the start of the project.</p> <p>Project performance (min. 1/3 of the workload of the entire module): Students have to carry out a project. The project can be done on an individual level, as group work or as part of a course. It can be done under supervision or independently. It can be a disciplinary, interdisciplinary or transdisciplinary project. The project has to relate to topics of the Environmental and Sustainability Sciences.</p> <p>Project communication: Students will have to attend academic talks and to communicate their projects in one of these talks. In one of the academic talks students have to present their project. They can communicate their project during the planning stage, either while performing it or once it is completed.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. Reflect on and evaluate the use of factual, conceptual and procedural knowledge across contexts and disciplines, 2. Choose and assess ways of communicating knowledge across academic and non-academic contexts, 3. Describe, apply and differentiate between working and learning strategies, including planning and problem-solving strategies, 4. Develop self-awareness as producers and communicators of knowledge. 			
Graded Examination			
Written assignment of the project (5,000 words)			
Pass/Fail Examination			
The type of assessment and requirements depend on the course chosen.			

3 Modules of the Major Life Sciences

3.1 Introduction to Life Sciences			00LE62MO-LAS15-5100
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Life Sciences Major Compulsory Elective for other Majors (Multidisciplinarity)		
Frequency	Summer Semester	Year of Studies	1
Contact Hours	3,5 SWS (à 45 min)	Credit Points	8
Workload	240h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	none		
Module content & objectives			
<p>The module introduces topics from different fields of the Life Sciences. In particular, it covers the structure and function of biological and cognitive systems that allow humans to react to and interact with a complex environment. Different levels of analysis are addressed including the behavioral level, the organ level, the physiological level and the cellular level.</p> <p>Besides the structures and processes within and across these levels of analysis, the module introduces the Scientific Method as the currently predominant way of knowledge acquisition in the Life Sciences.</p> <p>In workgroups students approach selected problems from the abovementioned fields and deepen their knowledge in a single topic.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe relevant structures and processes of selected biological and cognitive systems in the human being, 2. explain one topic of the course on an advanced level, 3. present a topic according to basic scientific standards. 			
Graded Examination			
Written exam(s) of 90-120 minutes in total (details will be specified in the course catalog).			
Pass/Fail Examination			
Attendance in line with the LAS policy and regular contribution to the PBL group.			

3.2 Mathematics for the Sciences			00LE62MO-LAS15-5110
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Life Sciences Major Compulsory for Environmental and Sustainability Sciences Major Elective for Governance Major and Culture and History Major		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	none		
Module content & objectives			
<p>This module introduces basic concepts of mathematics, including, but not limited to analysis and algebra. It covers both, theoretical concepts of mathematics as well as their application in the context of the sciences in general. In this respect the module covers mathematics as it is needed for the Majors Environmental and Sustainability Sciences and Life Sciences.</p> <p>Accordingly, most mathematical concepts will be taught with their application in the sciences in mind (e. g. properties of functions, derivatives, integrals, and geometrical vectors), enabling students to conduct quantitative analyses of simple mathematical problems.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. master basic concepts of analysis and linear algebra, 2. identify appropriate mathematical approaches to treat given problems, and solve the latter accordingly in a quantitative way, 3. recognise abstract concepts behind a given problem to find similarities to already known situations. 			
Graded Examination			
Written exam of 90 minutes.			
Pass/Fail Examination			
Submission of exercise sheets			

3.3 Foundational Chemistry			00LE62MO-LAS15-5130
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Life Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	none		
Module content & objectives			
<p>This module introduces biochemical reactions and signaling pathways relevant to understand intra- and inter-cellular processes. This may include, but is not limited to, signal transduction (cellular receptors and signaling chains), metabolic processes (e.g. ATP synthase through the citric acid cycle), protein biosynthesis, and molecular genetics. For this, it will introduce the four major classes of molecules that are involved in the chemistry of a living cell, namely carbohydrates, lipids, amino acids and their polymers, proteins, as well as nucleic acids and their polymers, DNA and RNA.</p> <p>The module puts particular emphasis on molecular reactions playing a role in cellular functions and physiological processes and points out how pathways on different levels of consideration (molecular, cellular, supra-cellular, systemic) interact and rely on each other.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. explain chemical pathways that run a cell; 2. describe the basic molecules involved in biochemical reactions and understand what role these molecules play in different cellular functions 3. describe the role of intracellular reactions in relation to cellular activities and physiological processes 			
Graded Examination			
Written exam of 90 minutes.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.4 Cell Biology			00LE62MO-LAS15-5150
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Life Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	none		
Module content & objectives			
<p>The module introduces the structure and functions of the different components of eukaryotic cells. This includes the structure and function of different cell organelles and analyses of cellular processes as well as their regulation. Topics may include, but are not limited to, cell formation, motility, and division, cell-to-cell interaction, endocytosis, exocytosis, intracellular transport, protein sorting, trafficking, and targeting, and gene expression.</p> <p>The module puts emphasis on how cellular processes mediate processes occurring on the chemical level on the one hand and the physiological level on the other hand and shows how processes on the different levels are closely related.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. describe the structure and molecular functions of living cells 2. understand and be able to discuss specialized texts in the area of cell biology 3. be able to apply knowledge to historical and current cases related to cell biology 			
Graded Examination			
Written exam of 90 minutes.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.5 Physiology			00LE62MO-LAS15-5140
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Life Sciences Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	none		
Module content & objectives			
<p>The module introduces physiological concepts of body systems including their structure and functions in the context of maintaining homeostasis. Topics may include, but are not limited to, the immune system, the respiratory system, the circulatory system, the urinary system, the nervous system, the endocrine system, and the muscular system. At least one of these systems will be covered in-depth.</p> <p>Particular emphasis will be put on the regulation of these systems and their interaction with other systems as well as their adaption to changes in the environment. Mechanisms of regulation will be discussed on different levels (molecular, cellular, systems level).</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. differentiate between and describe different physiological systems 2. explain one physiological system in-depth 3. understand how different systems interact 			
Graded Examination			
Written exam of 90 minutes.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.6 Laboratory Work for the Life Sciences			00LE62MO-LAS15-5120
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Life Sciences Major		
Frequency	continuously	Year of Studies	2, 3 or 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (160h lab work + 20 h writing a report)	Duration of Module	Variable
Course Format / Teaching Methods	Laboratory Internship	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences		
Module content & objectives			
<p>In this module students do practical work in a scientific laboratory in one of the disciplines of the Life Sciences. It covers basic procedures carried out in the respective laboratory. This includes, for example, lab safety, general basic lab skills (e.g. pipetting), taking care of study participants, handling of specific instruments, machines and routines, typical experimental set-ups, and handling of laboratory animals.</p> <p>Students cover the module by doing an internship in a recognized research facility. They select and apply for a lab in agreement with the course coordinator. Additional guidelines apply and are available on ILIAS.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to</p> <ol style="list-style-type: none"> 1. behave in a laboratory space safely, 2. carry out basic procedures typical for the lab of their choice, 3. describe and reflect upon the working procedures carried out in the lab in the context of the institution and the project they worked on 			
Graded Examination			
--			
Pass/Fail Examination			
Active lab work and a written report of 3,000-3,500 words.			

3.7 Methods I			00LE62MO-LAS15-5160
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Life Sciences Major Elective for other Majors		
Frequency	At least once a year	Year of Studies	2, 3 or 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences		
Module content & objectives			
<p>In this module students acquire knowledge about the theoretical basis <i>of</i> and develop skills <i>in</i> the application of a research method used in the Life Sciences. This may include, but is not limited to, using advanced data science methods (e.g. statistical or computational), conducting a particular research procedure (e.g. Polymerase Chain Reaction), developing and conducting an experiment, using complex research instruments (e.g. Electroencephalography), developing and using questionnaires or conducting and analysing interviews.</p> <p>At least one of the modules Methods I or Methods II must be covered with a course (Lehrveranstaltung) from the area of quantitative methods.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. explain the theoretical background of a particular research method and justify its application 2. apply the method successfully in a research context 3. describe the application procedure and the obtained results according to academic standards 			
Graded Examination			
Final report of no more than 3,000 words (70%) and presentation of no more than 30 minutes (30%).			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.8 Methods II			00LE62MO-LAS15-5410
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Life Sciences Major Elective for other Majors		
Frequency	At least once a year	Year of Studies	2, 3 or 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences		
Module content & objectives			
<p>In this module students acquire knowledge about the theoretical basis <i>of</i> and develop skills <i>in</i> the application of a research method used in the Life Sciences. This may include, but is not limited to, using advanced data science methods (e.g. statistical or computational), conducting a particular research procedure (e.g. Polymerase Chain Reaction), developing and conducting an experiment, using complex research instruments (e.g. Electroencephalography), developing and using questionnaires or conducting and analysing interviews.</p> <p>At least one of the modules Methods I or Methods II must be covered with a course (Lehrveranstaltung) from the area of quantitative methods.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. explain the theoretical background of a particular research method and justify its application 2. apply the method successfully in a research context 3. describe the application procedure and the obtained results according to academic standards 			
Graded Examination			
Final report of no more than 3,000 words (70%) and presentation of no more than 30 minutes (30%).			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.9 Advanced Life Sciences I		00LE62MO-LAS15-5510	
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Life Sciences Major Elective for other Majors		
Frequency	At least once a year	Year of Studies	2 or 3
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences		
Module content & objectives			
<p>In this module, students deepen and extend their knowledge in one of the fields of the Life Sciences. They can choose among courses offered in the fields of molecular biology, biomedicine, genetics and epigenetics, cognitive and neurosciences, immunology, biotechnology, engineering for biological and medical purposes, biological and forensic anthropology, public health, medical humanities or other fields from the life sciences.</p> <p>The choice of the course should be in line with the student's aspired academic profile and is supported through consultation with the major coordinator and the academic advisor.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. summarize and explain important theoretical concepts, structures, and processes from the chosen field, 2. name and describe methods that are used to obtain evidence for the abovementioned concepts, structures, and processes, 3. relate the abovementioned concepts, structures, and processes to neighbouring fields and across disciplines. 			
Graded Examination			
Oral presentation of no more than 30 minutes (30%) and a form of written examination of no more than 3,000 words (70%) depending on the course chosen.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.10 Advanced Life Sciences II			00LE62MO-LAS15-5520
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Life Sciences Major Elective for other Majors		
Frequency	At least once a year	Year of Studies	2, 3 or 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences		
Module content & objectives			
<p>In this module, students deepen and extend their knowledge in one of the fields of the Life Sciences. They can choose among courses offered in the fields of molecular biology, biomedicine, genetics and epigenetics, cognitive and neurosciences, immunology, biotechnology, engineering for biological and medical purposes, biological and forensic anthropology, public health, medical humanities or other fields from the life sciences.</p> <p>The choice of the course should be in line with the student's aspired academic profile and is supported through consultation with the major coordinator and the academic advisor.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. summarize and explain important theoretical concepts, structures, and processes from the chosen field 2. name and describe methods that are used to obtain evidence for the abovementioned concepts, structures, and processes 3. relate the abovementioned concepts, structures, and processes to neighbouring fields and across disciplines 			
Graded Examination			
Oral presentation of no more than 30 minutes (30%) and a form of written examination of no more than 3,000 words (70%) depending on the course chosen.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.11 Advanced Life Sciences III			00LE62MO-LAS15-5530
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Life Sciences Major Elective for other Majors		
Frequency	At least once per year	Year of Studies	3 or 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences		
Module content & objectives			
<p>In this module, students deepen and extend their knowledge in one of the fields of the Life Sciences. They can choose among courses offered in the fields of molecular biology, biomedicine, genetics and epigenetics, cognitive and neurosciences, immunology, biotechnology, engineering for biological and medical purposes, biological and forensic anthropology, public health, medical humanities or other fields from the life sciences.</p> <p>The choice of the course should be in line with the student's aspired academic profile and is supported through consultation with the major coordinator and the academic advisor.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. summarize and explain important theoretical concepts, structures, and processes from the chosen field 2. name and describe methods that are used to obtain evidence for the abovementioned concepts, structures, and processes 3. relate the abovementioned concepts, structures, and processes to neighbouring fields and across disciplines 			
Graded Examination			
Oral presentation of no more than 30 minutes (30%) and a form of written examination of no more than 3,000 words (70%) depending on the course chosen.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.12 Specialization I: Life Sciences			00LE62MO-LAS15-5610
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Life Sciences Major Elective for other Majors		
Frequency	At least once per year	Year of Studies	3 or 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences and at least two other profile modules (Wahlpflichtmodule: Profilierung)		
Module content & objectives			
<p>Students develop in-depth knowledge and advanced academic skills regarding a narrow topic from one of the following fields: molecular biology, biomedicine, genetics and epigenetics, cognitive and neurosciences, immunology, biotechnology, engineering for biological and medical purposes, biological and forensic anthropology, public health, medical humanities or other fields from the life sciences</p> <p>The module addresses a focused topic in its full range and puts emphasis on research related to it. Theoretical and methodological aspects are discussed in-depth and they are compared to other research in the field.</p> <p>The choice of the course should be in line with the student's aspired academic profile and is supported through consultation with the major coordinator and the academic advisor.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. demonstrate deep and reflected knowledge about the topic, 2. assess and compare methods that are relevant in the context of the topic, 3. assess and reflect on published research related to the topic. 			
Graded Examination			
Oral presentation of no more than 30 minutes (30%) and a form of written examination of no more than 3,000 words (70%) depending on the course chosen.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.13 Specialization II: Life Sciences			00LE62MO-LAS15-5620
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Life Sciences Major Elective for other Majors		
Frequency	At least once per year	Year of Studies	3 or 4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences and at least two other profile modules (Wahlpflichtmodule: Profilierung)		
Module content & objectives			
<p>Students develop in-depth knowledge and advanced academic skills regarding a narrow topic from one of the following fields: molecular biology, biomedicine, genetics and epigenetics, cognitive and neurosciences, immunology, biotechnology, engineering for biological and medical purposes, biological and forensic anthropology, public health, medical humanities or other fields from the life sciences</p> <p>The module addresses a focused topic in its full range and puts emphasis on research related to it. Theoretical and methodological aspects are discussed in-depth and they are compared to other research in the field.</p> <p>The choice of the course should be in line with the student's aspired academic profile and is supported through consultation with the major coordinator and the academic advisor.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. demonstrate deep and reflected knowledge about the topic, 2. assess and compare methods that are relevant in the context of the topic, 3. assess and reflect on published research related to the topic. 			
Graded Examination			
Oral presentation of no more than 30 minutes (30%) and a form of written examination of no more than 3,000 words (70%) depending on the course chosen.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in all class activities.			

3.14 Senior Profile: Life Sciences			00LE62MO-LAS15-5630
Study Area	Life Sciences		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Life Sciences Major		
Frequency	Winter semester	Year of Studies	4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	12
Workload	360h	Duration of Module	2 semesters
Course Format / Teaching Methods	Variable	Language	English
Module Coordinator	Dr. Simon J. Büchner		
Prerequisites	Successful completion of the module Introduction to Life Sciences and at least two other profile modules (Wahlpflichtmodule: Profilierung)		
Module content & objectives			
<p>For the senior profile module students integrate knowledge acquired within the study program and improve their academic, social and personal skills in an individually meaningful way. In this module, students can develop a profile by mobilizing knowledge and skills towards their professional goals. In terms of format, this module allows for the greatest flexibility among senior modules. To achieve the learning objectives, the module may use a combination of the following learning formats:</p> <ul style="list-style-type: none"> • seminar on project design (e.g. planning and preparing a (research) project; discussing methodological approaches; project management) • independent or group research project or a Major-related practical project including, but not limited to a supervised independent study; • individual or group exercises and projects focused on reflexion upon and integration of interdisciplinary knowledge within the Major and between the Major and other areas of study • participation in academic communication, dissemination, popularization and interpretation of scientific knowledge (e.g. attending academic talks; presenting at student conferences or in a colloquium; explaining their work to expert and non-expert audiences) 			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. reflect on and evaluate the use of factual, conceptual and procedural knowledge across contexts and disciplines, 2. choose and assess ways of communicating knowledge across academic and non-academic contexts, 3. describe, apply and differentiate between working and learning strategies, including planning and problem-solving strategies, 4. develop self-awareness as producers and communicators of knowledge. 			
Graded Examination			
Oral presentation of no more than 30 minutes (30%) and a form of written examination of no more than 3,000 words (70%) depending on the course chosen.			
Pass/Fail Examination			
Attendance in line with the LAS policy and active participation in the chosen learning format.			

4 Modules of the Major Governance

4.1 Introduction to Governance		00LE62MO-LAS15-4100	
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Governance Major Compulsory Elective for other Majors (Multidisciplinarity)		
Frequency	Every Summer Semester	Year of Studies	1
Contact Hours	3,5 SWS	Credit Points	8
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Plenary lectures, Workgroup including a group project	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	none		
Module content & objectives			
<p>This Introductory module allows students to acquire foundational disciplinary knowledge in social and political sciences, develop analytical and interpretation skills and build social and personal competencies in the area of academic communication and teamwork. To achieve these objectives, the module combines three learning formats:</p> <ul style="list-style-type: none"> • interactive plenary sessions provide space for structured discussion, based on goal-guided reading of academic texts on the central topics of the module, with the focus on the argument, the vocabulary and the complexities of the study of social and political reality; • workgroups provide space for individual and small group work where students apply concepts and theories to cases, and improve analytical, teamwork and academic communication skills; • a group project allows for self-reliant planning, realisation and communication of a limited-scope analysis of a social issue. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. recognize and appropriately use central concepts in the study of governance processes in communities, states, and markets, including social contract, collective action, direct and indirect democracy, and agenda-setting; 2. summarize and give examples of varying approaches to the central concepts, such as different theories of social contract or agenda-setting; 3. identify and describe the specific focus of social science disciplines and give examples of interrelations between them. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. understand, paraphrase and produce academic texts on the topics of the module, with proper use of academic vocabulary; 2. recognize, analyze and formulate definitions according to scholarly standard; 3. improve capacity of analysis and interpretation of social and political reality, namely in terms of normality and deviation, and contextualization; 4. build improved awareness about complexities and controversies in social and political sciences; 5. improve academic communication skills, for example, through participation in a class debate and a group project; 6. improve planning and time-management skills, for example, through covering extended readings in an efficient way; 7. improve social skills, including teamwork, in group work and in the group project. 			
Graded Examination			

Written assignments (up to 2,000 words) – 30%; and written examination – 70%.

Pass/Fail Examination

Attendance of workgroups in line with the LAS policy; ungraded individual and group work, including a group project.

4.2 Political Theory			00LE62MO-LAS15-4110
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Governance Major Elective for other Majors		
Frequency	Every Winter Semester	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	8
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	none		
Module content & objectives			
<p>This foundational module provides students with an introduction to the normative theories about the relationship between the state, markets, communities and individuals in Western political theory. Students can strengthen their analytical and writing skills, develop self-awareness regarding own normative thinking and build up social competence and communication skills.</p> <p>The module relies on the use of active learning formats enabling direct engagement of students in the classroom and outside of it, namely,</p> <ul style="list-style-type: none"> • through small group and seminar discussions based on readings and class input; • group work and, • if appropriate, problem-based learning. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. recognize and distinguish between different normative understandings of central political concepts, including liberty, equality, justice, and democracy; 2. summarize and give examples of the different normative understandings of the role of the state; 3. explain the interrelations between the different normative concepts, for example, the relationship between liberty and equality; 4. compare and contrast normative theories and concepts; 5. use normative theories and concepts to understand contemporary political debates and controversies. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. improve their analytical and writing skills through production of academic texts, which compare, contrast and apply normative frameworks and arguments; 2. improve the understanding of different opinions on political and social issues; 3. develop awareness about own normative views on social and political issues, in relation to academic discussions about these topics; 4. strengthen planning and time-management skills through covering extended readings in an efficient way; 5. improve communication skills in respectfully listening to and discussing with people who hold views different from their own; 6. strengthen group work skills by, for example, setting shared goals for the group and solving problems as a group. 			
Graded Examination			

Written assignments (up to 9,000 words) – 100%.
Pass/Fail Examination
Attendance in line with the LAS policy; ungraded written assignments and group work.

4.3 International Relations			00LE62MO-LAS15-4460
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	8
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			
<p>This foundational module focuses on international governance processes of coordination and interaction on the political, economic, social, cultural or military levels. It allows students to acquire foundational knowledge about ways to study international institutions and processes, such as international organizations, processes of globalization and integration, and international politics more generally. To achieve these objectives, the module combines several learning formats:</p> <ul style="list-style-type: none"> • seminar discussions based on readings, class input and other sources; • individual or small group project work, including presentations; • if possible, academic visits supporting the increased awareness of institutions and practices of international governance as well as of critical self-reflexivity; • if applicable, course-specific learning formats such as simulations, and using multi-media material such as movies and images. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. summarize, differentiate between, and provide examples of theoretical and methodological approaches to the study of international governance; 2. explain, choose and appropriately use central concepts and ways of studying institutions and processes in the study of international governance, in an application to historical or current cases; 3. reflect on the use of conceptual frameworks in international governance across academic and policy contexts; 4. improve capacity of rigorous analysis and systematic interpretation of social and political reality in terms of the interaction between the national, regional, and global levels of governance; 5. understand the disciplinary focus of international relations and the value added of using it to study social reality, among social science and other disciplines. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. paraphrase, compare and produce academic texts on the topics of the module, with proper use of academic vocabulary; 2. improve awareness about contemporary debates and controversies in the area of international governance, including critical perspectives, and begin forming independent opinion on international politics; 3. improve self-reflexivity about their position as a scholar of international governance. 			
Graded Examination			
Written assignments (up to 6,000 words) – 75% and oral presentation of 15 minutes (plus 30 minutes discussion) – 25%.			
Pass/Fail Examination			

Attendance in line with the LAS policy; ungraded individual and group work.

4.4 Law		00LE62MO-LAS15-4410	
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	8
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			
<p>This foundational module focuses on the interplay between law, society, and politics. It avails students to acquire foundational knowledge about general principles of law and the relation of law to social, political, cultural, economic factors on national, regional and international levels. To achieve these objectives, the module combines several learning formats:</p> <ul style="list-style-type: none"> • seminar discussions based on readings, class input and other sources; • individual or small group project work, including presentations; • if possible, academic visits supporting the increased awareness of legal institutions and legal practice; • if applicable, course-specific learning formats, for example, simulations and workshops. 			
Learning Goals			

In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:

1. recognize, explain, summarize, and differentiate between main theoretical and methodological approaches in legal studies and jurisprudence;
2. identify and use the appropriate basic legal vocabulary;
3. select, explain and appropriately apply to contemporary cases or scenarios principal legal concepts, including non-discrimination and equality, the rule of law, judicial review, and human rights;
4. develop awareness about and explain social, political and institutional contexts in which law exists and develops, and begin forming independent opinion on laws, case law, and legal texts;
5. acquire skills to analyse and interpret main principles of law and jurisprudential approaches in legal orders;
6. distinguish and begin to critically reflect on diverse legal forms, legal orders and fields of law (such as criminal law, human rights law, public law);
7. understand the disciplinary focus of legal studies and the value added of using them to study social reality, among social science and other disciplines.

In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:

1. paraphrase, summarize, compare and produce academic texts on the topics of the module, with appropriate use of legal terminology;
2. develop awareness about contemporary issues, debates, and controversies in legal studies;
3. improve interdisciplinary thinking by considering legal topics across academic and professional contexts;
4. improve self-reflexivity by critically considering the position as a scholar of law and the challenges of integrity.

Graded Examination

Written assignments (up to 6,000 words) – 70% and oral presentation of up to 25 minutes (plus discussion) – 30%.

Pass/Fail Examination

Attendance in line with the LAS policy; ungraded individual and group work.

4.5 Comparative Politics		00LE62MO-LAS15-4450	
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			

This foundational module allows students to acquire disciplinary knowledge in comparative politics, develop their skills in the application of appropriate methods to the study of political reality, and strengthen their analytical and writing skills. To achieve these objectives, the module is structured around several learning formats:

- interactive input from lecturer (summary of the most important points in the readings, additional knowledge about the topics covered in the readings);
- individual or group exercises (and, if applicable, laboratory work) focused on the application of theory and methodology;
- small group and seminar discussions based on readings and class input.

Learning Goals

In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:

1. summarize, differentiate between and provide examples of the three areas of political science inquiry – polity, politics and policy;
2. explain relations and connections between polity, politics and policy;
3. compare and contrast between the conceptual and theoretical approaches in the study of political reality;
4. choose, explain and appropriately use central concepts and theories of political science to understand contemporary political reality and controversies;
5. recognize and provide examples of the common methodological approaches in the field of comparative politics;
6. understand the disciplinary focus of political science and the value added of using it to study social reality, among social science and other disciplines.

In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:

1. develop analytical skills in the application of basic methodology, for example, case studies or descriptive statistics;
2. develop understanding of the disciplinary borders between political science and closely related fields of study, such as sociology and economics;
3. develop self-awareness regarding own academic writing habits in relation to the different stages of writing (outlining, drafting, editing);
4. develop skills in both receiving feedback for written work and in using feedback to further improve on the writing skills.

Graded Examination

Written assignments (up to 8,000 words) – 100%.

Pass/Fail Examination

Attendance in line with the LAS policy; ungraded individual and group work.

4.6 Methods			00LE62MO-LAS15-4120
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			
This foundational module allows students to acquire basic methodological skills for the study of governance processes and institutions. It introduces students to the procedures and standards of data gathering, organization, presentation and analysis used in social and political sciences.			
Learning Goals			
In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:			
<ol style="list-style-type: none"> 1. identify and give examples of common methodological approaches to the study of governance processes and institutions; 2. understand the scope of application, compare different methodological approaches in social and political sciences, and select appropriate methods for the study of socio-political reality; 3. describe and apply the steps of data gathering, organization, presentation and analysis; 4. explain the role of methods in academic inquiry and the research design of academic studies. 			
In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:			
<ol style="list-style-type: none"> 1. identify, summarize and differentiate between methodological approaches to data on socio-political reality in academic, as compared to non-academic contexts; 2. reflect on the implications of different methods on the validity and reliability of academic studies and on their impact; 3. understand and discuss benefits and limitations of using academic methods and improve self-reflexivity as a scholar of socio-political reality; 4. improve reading and writing skills by focusing on clarity, precision and conciseness in the presentation and discussion of methods of socio-political inquiry. 			
Graded Examination			
Written assignments, including the application of academic methods (up to 8,000 words) – 100%.			
Pass/Fail Examination			
Attendance in line with the LAS policy; individual and group work.			

4.7 Economics			00LE62MO-LAS15-4430
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			
<p>This foundational module focuses on the structure and function of economic life and decision-making processes. It allows students to acquire foundational knowledge about the discipline of economics. To achieve these objectives, the module combines several learning formats:</p> <ul style="list-style-type: none"> • seminar discussions based on readings, class input and other sources; • individual or small group project work, including presentations; • if possible, academic visits supporting the increased (critical) awareness of international, regional or national economic or trade institutions and practices; • if applicable, course-specific learning formats, for example, simulations and workshops. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. summarize, differentiate between, and provide examples of the main conceptual and methodological approaches to the study of economic activity, markets, and socio-economic structures and institutions; 2. explain, distinguish and appropriately use central concepts of micro- and macro-economics; 3. identify and summarize the argument of specialized texts on regional and global trends and historical and contemporary cases of market processes; 4. improve capacity of analysis and interpretation of social, economic and political reality and trends in the field of economics; 5. understand the disciplinary focus of economics and the value added of using it to study social reality, among social science and other disciplines. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. improve the skills in paraphrasing, comparing and producing academic texts on socio-economic reality, with proper use of academic vocabulary and efficient use of academic and other sources; 2. improve awareness about contemporary economic and socio-political debates and controversies, including critical perspectives; 3. improve critical self-awareness about their position as a scholar of economics. 			
Graded Examination			
Oral presentation (up to 25 minutes plus discussion) – 25% and written assignments (up to 5,000 words) – 75% OR oral presentation (up to 25 minutes plus discussion) – 30% and written examination – 70%.			
Pass/Fail Examination			
Attendance in line with the LAS policy; individual and group work.			

4.8 Regional and Area Studies			00LE62MO-LAS15-4470
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			
<p>This foundational module focuses on regional processes of coordination and integration on the political, economic, social, cultural or military levels. It allows students to acquire foundational knowledge about regional institutions and processes, such as the development and functioning of regional organizations (African Union, Eurasian Economic Union, European Union, etc.), regional cooperation and coordination processes, diplomacy in a region, peace and conflict studies in a region or across regions. To achieve these objectives, the module combines several learning formats:</p> <ul style="list-style-type: none"> • seminar discussions based on readings, class input and other sources; • individual or small group project work, including presentations; • if possible, academic visits supporting the increased awareness of institutions and practices of international governance as well as of critical self-reflexivity; • if applicable, course-specific learning formats such as simulations. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. summarize, differentiate between, and provide examples of theoretical and methodological approaches to the study of regional policy and cooperation; 2. explain, choose and appropriately use central concepts and ways of studying institutions and processes of regional policy and cooperation, in an application to historical or current cases; 3. reflect on the use of conceptual frameworks in regional policy and cooperation across academic and policy contexts. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. paraphrase, compare and produce academic texts on the topics of the module, with proper use of academic vocabulary; 2. improve capacity of analysis and interpretation of social and political reality in terms of the interaction between the local, national, and regional levels of governance; 3. improve awareness about contemporary debates and controversies in the area of regional policy and cooperation, including critical perspectives; 4. improve self-reflexivity about their position as a scholar of regional policy and cooperation. 			
Graded Examination			
Written assignments (up to 7,000 words) – 100% OR written assignments (up to 5,000 words) – 75% and oral presentation (up to 25 minutes) – 25%.			
Pass/Fail Examination			
Attendance in line with the LAS policy; individual and group work.			

4.9 Advanced Governance I			00LE62MO-LAS15-4510
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Variable	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			
<p>This module allows students to expand or deepen knowledge and skills in one of the five main areas of governance scholarship: political science, global or regional governance, economics, and law. Students may also fill this module with social science courses from other areas of scholarship, especially, from such interdisciplinary areas as political sociology, political ethics or political communication. Such interdisciplinary orientation is at the basis of the design of courses jointly offered by LAS Majors, for example, courses on environmental governance or sustainable economy. The focus of the module should fit the theoretical and methodological profile developed by the student, and thus allow for greater flexibility than other foundational modules, also in terms of learning formats.</p>			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. summarize, differentiate between, and provide examples of theoretical and methodological approaches to the study of social, political or economic reality, if applicable, from an interdisciplinary vantage point; 2. explain, choose and appropriately use central concepts and ways of studying governance institutions and processes, in an application to historical or current cases; 3. reflect on the use of conceptual and methodological frameworks in governance across academic and policy contexts. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. paraphrase, compare and produce academic texts on the topics of the module, with proper use of academic vocabulary; 2. improve capacity of analysis and interpretation of social and political reality; 3. improve awareness about contemporary debates and controversies in the area covered in the module in academia and beyond academia; 4. improve self-reflexivity about their position as a scholar of governance. 			
Graded Examination			
<p>Variable: written examination, written assignments (up to 7,000 words), oral presentation (up to 45 minutes), or practical work, or a combination thereof. The exact proportions are announced in the course catalog.</p>			
Pass/Fail Examination			
<p>Attendance in line with the LAS policy; individual and group work.</p>			

4.10 Advanced Governance II			00LE62MO-LAS20-4510
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Variable	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of the module Introduction to Governance		
Module content & objectives			
<p>This module allows students to expand or deepen knowledge and skills in one of the five main areas of governance scholarship: political science, global or regional governance, economics, and law. Students may also fill this module with social science courses from other areas of scholarship, especially, from such interdisciplinary areas as political sociology, political ethics or political communication. Such interdisciplinary orientation is at the basis of the design of courses jointly offered by LAS Majors, for example, courses on environmental governance or sustainable economy. The focus of the module should fit the theoretical and methodological profile developed by the student, and thus allow for greater flexibility than other foundational modules, also in terms of learning formats.</p>			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. summarize, differentiate between, and provide examples of theoretical and methodological approaches to the study of social, political or economic reality, if applicable, from an interdisciplinary vantage point; 2. explain, choose and appropriately use central concepts and ways of studying governance institutions and processes, in an application to historical or current cases; 3. reflect on the use of conceptual and methodological frameworks in governance across academic and policy contexts. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. paraphrase, compare and produce academic texts on the topics of the module, with proper use of academic vocabulary; 2. improve capacity of analysis and interpretation of social and political reality; 3. improve awareness about contemporary debates and controversies in the area covered in the module in academia and beyond academia; 4. improve self-reflexivity about their position as a scholar of governance. 			
Graded Examination			
Variable: written examination, written assignments (up to 7,000 words), oral presentation (up to 45 minutes), or practical work, or a combination thereof. The exact proportions are announced in the course catalog.			
Pass/Fail Examination			
Attendance in line with the LAS policy; individual and group work.			

4.11 Specialization Governance			00LE62MO-LAS20-4630
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	3-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Senior Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of four Compulsory modules, including the module Introduction to Governance		
Module content & objectives			
<p>This senior module allows students to develop deep knowledge and improved academic skills in a particular area of social and political sciences or legal studies. The defining characteristic of the module is a thorough, in-depth treatment of a case, theory, approach or time period within a social, political or legal discipline. The focus of the module should fit the theoretical and methodological profile developed by the student, and thus allow for flexibility. To achieve the learning objectives, the module may use a combination of learning formats:</p> <ul style="list-style-type: none"> • individual or group exercises focused on in-depth study of a social political or legal issue; • group discussion based on readings, individual research and class input; • independent research; • if possible, academic visits or expert talks supporting the increased awareness of different contexts and practical applications of scholarly knowledge in the area; • if applicable, course-specific learning formats as laboratory work, simulations, presentations and workshops. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. identify, describe, illustrate, compare and assess the main theories, sources and authors in the study of a specific social, legal or political issue; 2. choose and apply a theoretical or methodological approach in an individual or group course-specific assignment; 3. recognise, use and evaluate area-specific standards of establishing and assessing facts, arguments and models. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. improve the understanding of the appropriate context and strengths and weaknesses of the theoretical options and practical applications in the study of a specific issue; 2. increase the ability to integrate knowledge from different contexts; 3. improve the ability to conduct independent research; 4. strengthen self-reflexivity and, when relevant, teamwork. 			
Graded Examination			
Written assignments (up to 6,000 words) – 75% and oral presentation (up to 25 minutes) – 25% OR written assignments (up to 10,000 words) – 100%.			
Pass/Fail Examination			

Attendance in line with the LAS policy; individual and group work.

4.12 Research in an Area of Governance			00LE62MO-LAS20-4540
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	3-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Senior Seminar	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of four Compulsory modules, including the module Introduction to Governance		
Module content & objectives			
<p>This senior research-oriented module allows students to develop research skills in a particular area of social and political sciences or legal studies. A central component of the module is an independent research project. Learning formats:</p> <ul style="list-style-type: none"> • individual or group exercises focused on the application of theoretical and methodological frameworks in research; • group discussion based on readings, individual research and class input; • independent research project; • if possible, academic visits or expert talks supporting the increased awareness of different contexts of research production and reception as well as of integrity and ethical standards; • if applicable, course-specific learning formats such as laboratory work, simulations, presentations and workshops. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. identify, describe, illustrate, compare and assess the main conceptual and theoretical frameworks used in the study of a specific social, legal or political issue; 2. list, describe, compare, justify and evaluate methodological approaches to the study of a specific social, legal or political issue; 3. choose and apply a theoretical and methodological approach in an individual or group course-specific project; 4. produce a research paper corresponding to the disciplinary standards, including the explanation, justification and evaluation of the theoretical and methodological approach. <p>In terms of skills and competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. improve the understanding of the appropriate context and strengths and weaknesses of the theoretical and methodological options in the study of a specific issue; 2. increase the ability to integrate knowledge from different contexts; 3. plan, manage and complete an independent research project of a limited scale; 4. develop academic integrity and apply ethical guidelines in carrying out the independent project. 			
Graded Examination			
Written assignments (up to 10,000 words) – 100% OR oral presentation (up to 25 minutes) – 20% and written assignments (up to 8,000 words) – 80%, including a research paper (for at least 50% overall).			
Pass/Fail Examination			

Attendance in line with the LAS policy; individual and group work.

4.13 Senior Profile Governance			00LE62MO-LAS20-4550
Study Area	Governance		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Governance Major Elective for other Majors		
Frequency	Yearly	Year of Studies	4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	12
Workload	180h (40h instruction time)	Duration of Module	2 semesters
Course Format / Teaching Methods	Variable	Language	English
Module Coordinator	Dr. Mila Mikalay		
Prerequisites	Successful completion of four Compulsory modules, including the module Introduction to Governance		
Module content & objectives			
<p>This senior module allows students to integrate knowledge acquired within the study program and to improve academic, social and personal skills in an individually meaningful way. In this module, students can develop a profile by mobilizing knowledge and skills towards their professional goals. In terms of format, this module allows for the greatest flexibility among senior modules. To achieve the learning objectives, the module may use a combination of the following learning formats:</p> <ul style="list-style-type: none"> • seminar on project design, specifically, on the development and management of research projects or practical projects; • individual or group exercises and projects focused on reflexion upon and integration of interdisciplinary knowledge within the Major and between the Major and other areas of study; • independent or group research project or a Major-related practical project; • Major-related internship; • participation in academic communication, dissemination, popularization and interpretation of social science knowledge; • if relevant, laboratory work, simulations, presentations and workshops. 			
Learning Goals			
<p>In terms of disciplinary knowledge, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. identify, describe, illustrate, compare and assess the ways to integrate knowledge about social, political and economic reality across disciplines and contexts; 2. choose, adapt and assess the use of disciplinary and interdisciplinary vocabulary, and ways of presenting and communicating knowledge about social, political and economic reality. <p>In terms of academic skills and social and personal competences, upon successful completion of the module, the students should be able to:</p> <ol style="list-style-type: none"> 1. reflect on and evaluate the use of factual, conceptual and procedural knowledge across contexts and disciplines; 2. choose and assess ways of communicating knowledge across academic and non-academic contexts; 3. describe, apply and differentiate between working and learning strategies, including planning and problem-solving strategies; 4. develop self-awareness as producers and communicators of knowledge. 5. improve the ability to conduct independent and group projects. 			
Graded Examination			
Written assignments (up to 12,000 words) – 100% OR oral examination – 100%.			
Pass/Fail Examination			

Ungraded individual and group work.

5 Modules of the Major Culture and History

5.1 Introduction to Culture and History		00LE62MO-LAS15-3100	
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Culture and History Majors Compulsory Elective for other Majors (Multidisciplinarity)		
Frequency	Every Summer Semester	Year of Studies	1-2
Contact Hours	3,5 SWS (à 45 min)	Credit Points	8
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Lecture, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module, students work with typical objects of study in the humanities: literary, philosophical and other texts, works of visual art, and observed cultural practices. At the same time, they practice the methods of critical inquiry and interpretation that can be applied to these objects and practices. Finally, students also read and discuss important theoretical works, many of them classics in their field, which introduce the promise and challenges of humanistic research and study.</p> <p>Lectures introduce the humanistic methods and theories. In the Work Groups, the methods and theories are practiced using relevant objects of study.</p> <p>The overarching goal is for students to practice producing interpretive arguments based on methodologically sound description and analysis of cultural objects.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. correctly apply basic literary, visual, ethnographic, and historical methods to any given cultural object. 2. independently produce an interpretive argument about a cultural object. 3. critically evaluate the strength of competing interpretations of a cultural object based on empirical evidence drawn directly from that object. 			
Graded Examination			
A 90-minute written examination (50%). 2 interpretive essays (25%+25%), each max. 1,000 words.			
Pass/Fail Examination			
Attendance of workgroups in line with the LAS policy, satisfactory completion of all required small assignments.			

5.2 Theory of Culture		00LE62MO-LAS15-3110	
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Culture and History Majors		
Frequency	Yearly	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>This module develops students' understanding of theories of culture. Definitions of "culture" are explored as ways of understanding certain parts of human experience as well as certain kinds of objects: everyday life, custom and habit, identity and difference among human groups, hegemony and resistance, "high" and "low" culture.</p> <p>At the same time, students learn to distinguish between the goals of the various disciplines that study culture: anthropology, ethnology, folklore, cultural studies, art history, literary and language studies, etc.</p> <p>The module makes use of widely recognized, canonical figures, concepts, and arguments (e.g., Marx, Durkheim, Frankfurt and Birmingham Schools) so that students can correctly identify and apply these when they are encountered elsewhere.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. analytically distinguish between different research approaches to the study of culture. 2. correctly use theoretical vocabulary and conceptual tools shared by researchers of culture. 3. connect material from other modules into a more comprehensive understanding of the study of culture. 			
Graded Examination			
Analytical/interpretive essay(s) of no more than 5,000 words total.			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.3 Theory of History			00LE62MO-LAS15-3120
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory for Culture and History Majors		
Frequency	Yearly	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>This module develops students' understanding of theory of history. "History" is explored as an object of study (the past), as an academic discipline (History) and as a genre of writing (historiography).</p> <p>Specific theory problems include:</p> <p>Epistemology: In what sense does the past still exist and how can it be known? Objectivity as a special problem.</p> <p>Ethics: What responsibilities emerge from the relation between the past, present, and future? What values should guide the historian's relation to past peoples, to present publics, and to fellow historians?</p> <p>Language: Can a complex social reality be adequately represented through words? In what sense are (hi)stories true?</p> <p>The module makes use of widely recognized, canonical figures, concepts, and arguments (e.g., Ranke, de Staël, Weber, etc.) so that students can correctly identify and apply these when they are encountered elsewhere.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> analytically distinguish between different approaches to the study of the past. correctly use theoretical vocabulary and conceptual tools shared by historians and others who study the past. connect material from other modules into a more comprehensive understanding of the study of the past. 			
Graded Examination			
Two short essays of no more than 1,000 words total (25%). Analytical essay of no more than 2500 words (50%). Reflective Essay of no more than 1,000 words (25%).			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.4 Culture: Peoples and Practices			00LE62MO-LAS15-3430
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module students practice the methods appropriate to the study of human groups and practices by studying a geographic or social space of cultural activity.</p> <p>Because human groups and cultural practices are everchanging, researchers face the particularly difficult challenges in identifying, collecting, and justifying appropriate empirical evidence. Methods are drawn from anthropology, ethnography, cultural studies, media studies, gender studies, or postcolonial studies and may include participant observation, interviewing, or discourse analysis, among others.</p> <p>The emphasis in this module is on the synchronic study of culture, although some versions may include a diachronic element.</p> <p>The module is offered with varying topics drawn from a specific cultural realm (a region, a group), a cultural theme/problem (violence, leisure, etc.), or both.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. identify the methods used in the module. 2. understand the possibilities and limitations of the methods explored. 3. practice one of the methods while making an interpretive argument about a group or practice. 4. demonstrate mastery of the specific body of knowledge about a cultural group or practice explored in the module. 5. relate their learning about a specific space of human cultural activity to the study of other kinds of objects of research in the humanities. 			
Graded Examination			
<p>Analytical/interpretive essay(s) of no more than 5,000 words total Or Analytical/interpretive essay(s) of no more than 5,000 words total (70%) and oral presentation(s) of no more than 30-minutes total (30%).</p>			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.5 Culture: Arts		00LE62MO-LAS15-3450	
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module, students practice the methods appropriate to the study of literary, visual, plastic, or performance arts.</p> <p>A special challenge in working with art works and performances is to attend with sufficient concentration to all of the details that make up the work. Methods are drawn from formal analysis, performance studies, musicology, reception theory, aesthetics, or art history, among others.</p> <p>The module is offered with varying topics drawn from specific works of art, traditions of artistic production, or contexts of artistic reception.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. identify the methods of analysis and interpretation practiced in the module. 2. understand the possibilities and limits of those methods. 3. apply the methods on a work of art or performance in order to produce an interpretive argument. 4. demonstrate mastery of the specific body of knowledge about art and aesthetics covered. 5. relate their learning about arts to the study of other kinds of objects of research in the humanities. 			
Graded Examination			
<p>Analytical/interpretive essay(s) of no more than 5,000 words total</p> <p>Or</p> <p>Analytical/interpretive essay(s) of no more than 5,000 words total (70%) and creative practical project with the kind of aesthetic object dealt with (30%).</p>			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.6 Philosophy		00LE62MO-LAS15-3440	
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module, students practice philosophy as a specific mode of humanistic inquiry in order to hone their skills in argument construction and criticism while also learning to work with philosophical texts. Logic and systematic reasoning are especially important in the humanities because the product of research is often an extended argument.</p> <p>A special challenge in this area is reasoning <i>sub specie aeternitatis</i> (“under the aspect of eternity”), about what is true regardless of the context. Because the Culture and History Major emphasizes contextualization and historicization, student should practice this quite different way of thinking and arguing.</p> <p>The module is offered with varying topics drawn from history of philosophy, analytic philosophy, continental philosophy, or systematic philosophy and may emphasize a specific set of texts or philosophers, or philosophical exploration of a theme or problem.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to ...</p> <ol style="list-style-type: none"> 1. reconstruct a philosophical argument found in a complex text. 2. identify and criticize a weakness in a philosophical argument. 3. define a complex concept by identifying its essential elements and linking them in a rigorously logical way. 4. demonstrate mastery of the texts or theme explored in the module. 5. relate their learning about philosophical argumentation to research in other humanities fields. 			
Graded Examination			
<p>Analytical/interpretive essay(s) of no more than 5,000 words total</p> <p>Or</p> <p>Analytical/interpretive essay(s) of no more than 5,000 words total (70%) and oral presentation(s) of no more than 30-minutes total (30%).</p>			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.7 History: Ancient, Medieval, or Early Modern			00LE62MO-LAS15-3410
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	2-4
Contact Hours	3,5 SWS	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module students practice the methods appropriate to the study of pre-modern societies and cultures (up to around 1800, depending on the specific topic).</p> <p>Challenges of research in this area include accounting for historical difference and making the most of scant primary sources. Researchers working on older societies draw on many kinds of sources (texts, visual culture, material culture) in order to create as complete an understanding as possible.</p> <p>The module is offered with varying topics drawn from a specific historical context, the exploration of a theme or problem, or working with a specific body of source materials.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. identify some of the methods used by historians of pre-modern societies. 2. understand the possibilities and limitations of those methods. 3. make a historical argument that combines the use of primary sources of at least two different kinds (e.g, textual, visual, archaeological, etc.). 4. demonstrate mastery of the topical knowledge about a pre-modern society or culture. 5. relate their learning about pre-modern societies to contemporary problems and issues. 			
Graded Examination			
<p>Analytical/interpretive essay(s) of no more than 5,000 words total Or Analytical/interpretive essay(s) of no more than 5,000 words total (70%) and oral presentation(s) of no more than 30-minutes total (30%).</p>			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.8 History: Modern or Contemporary			00LE62MO-LAS15-3420
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	2-4
Contact Hours	3,5 SWS	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module students practice the methods appropriate to the study of modern and contemporary societies and cultures (since around 1800, depending on the specific topic).</p> <p>Challenges of research in this area include accounting for historical difference and judicious selection from plentiful sources. Researchers working on more recent societies draw on oral history and memory studies, sociology and anthropology, philosophy and social theory, literary studies, art history, or historical methods, among others.</p> <p>The module is offered with varying topics drawn from a specific historical context, the exploration of a theme or problem, or working with a specific body of source materials.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. identify some of the methods used by historians of modern societies. 2. understand the limits and possibilities of those methods. 3. justify the selection of primary source evidence while making a historical argument. 4. demonstrate mastery of the topical knowledge about a modern society or culture. 5. relate their learning about modern societies to contemporary problems and issues. 			
Graded Examination			
<p>Analytical/interpretive essay(s) of no more than 5,000 words total</p> <p>Or</p> <p>Analytical/interpretive essay(s) of no more than 5,000 words total (70%) and oral presentation(s) of no more than 30-minutes total (30%).</p>			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.9 Culture and History I			00LE62MO-LAS15-3510
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	-	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module, students expand or deepen their methods training and topical knowledge in the humanities by further study in one of the central areas of Culture and History. By doing so, they profile their studies of the humanities.</p> <p>They also encounter the challenge of integrating the diversity of humanities approaches within a field they have already encountered.</p> <p>In order to complete the module, students can choose among courses offered as one of the Profile module: Methods modules within the Culture and History Major. In rare cases, humanities courses may be offered exclusively as Culture and History I/II/III.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. meet the learning goals for the module in which the course is offered. 2. compare and justify a choice between the methodological approaches used in this module and the corresponding previous one. 3. develop their self-reflexive awareness of their preferences, convictions, and commitments as a student of the humanities. 			
Graded Examination			
Written assignment or written assignment and oral presentation or written assignment and practical work. The weight of the components will be specified in the course catalog.			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.10 Culture and History II		00LE62MO-LAS15-3520	
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	-	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module, students expand or deepen their methods training and topical knowledge in the humanities by further study in one of the central areas of Culture and History. By doing so, they profile their studies of the humanities.</p> <p>They also encounter the challenge of integrating the diversity of humanities approaches within a field they have already encountered.</p> <p>In order to complete the module, students can choose among courses offered as one of the Profile module: Methods modules within the Culture and History Major. In rare cases, humanities courses may be offered exclusively as Culture and History I/II/III.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. meet the learning goals for the module in which the course is offered. 2. compare and justify a choice between the methodological approaches used in this module and the corresponding previous one. 3. develop their self-reflexive awareness of their preferences, convictions, and commitments as a student of the humanities. 			
Graded Examination			
Written assignment or written assignment and oral presentation or written assignment and practical work. The weight of the components will be specified in the course catalog.			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.11 Culture and History III		00LE62MO-LAS15-3530	
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	-	Year of Studies	2-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	none		
Module content & objectives			
<p>In this module, students expand or deepen their methods training and topical knowledge in the humanities by further study in one of the central areas of Culture and History. By doing so, they profile their studies of the humanities.</p> <p>They also encounter the challenge of integrating the diversity of humanities approaches within a field they have already encountered.</p> <p>In order to complete the module, students can choose among courses offered as one of the Profile module: Methods modules within the Culture and History Major. In rare cases, humanities courses may be offered exclusively as Culture and History I/II/III.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. meet the learning goals for the module in which the course is offered. 2. compare and justify a choice between the methodological approaches used in this module and the corresponding previous one. 3. develop their self-reflexive awareness of their preferences, convictions, and commitments as a student of the humanities. 			
Graded Examination			
<p>Written assignment or written assignment and oral presentation or written assignment and practical work. The weight of the components will be specified in the course catalog.</p>			
Pass/Fail Examination			
<p>Attendance in line with the LAS policy, satisfactory completion of all required small assignments.</p>			

5.12 Specialization I: Culture and History			00LE62MO-LAS15-3630
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	3-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	Successful completion of two Compulsory Modules, including Introduction to Culture and History.		
Module content & objectives			
<p>In this module, students deepen their knowledge and training through research-oriented study in the humanities. Research orientation can mean either focused investigation into a particular humanities field or independent research undertaken at the bachelor level.</p> <p>The module can be fulfilled in three ways:</p> <ol style="list-style-type: none"> 1. Some courses offered as Profile module modules within the Culture and History Major will simultaneously be offered at this more advanced level and with a research-orientated graded examination. 2. Advanced courses will be offered specifically for this module. 3. Students may also undertake a Supervised Independent Study, as per §6.9 and §6.12 of the StuPO. Guidelines and application procedure are available from LAS instructional staff. <p>The module is offered with varying topics drawn from across humanities fields.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. demonstrate critical engagement with a specific body of humanistic scholarship. 2. evaluate the possibilities and limits of specific humanistic theories and methods in approaching specific cultural objects, cultural spheres, and/or a specific past. 3. independently formulate a research agenda in the humanities. 			
Graded Examination			
A written assignment not to exceed 10,000 words.			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.13 Specialization II: Culture and History			00LE62MO-LAS15-3640
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	3-4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	6
Workload	180h (40h instruction time)	Duration of Module	1 semester
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	Successful completion of two Compulsory Modules, including Introduction to Culture and History.		
Module content & objectives			
<p>In this module, students deepen their knowledge and training through research-oriented study in the humanities. Research orientation can mean either focused investigation into a particular humanities field or independent research undertaken at the bachelor level.</p> <p>The module can be fulfilled in three ways:</p> <ol style="list-style-type: none"> 1. Some courses offered as Profile module modules within the Culture and History Major will simultaneously be offered at this more advanced level and with a research-orientated graded examination. 2. Advanced courses will be offered specifically for this module. 3. Students may also undertake a Supervised Independent Study, as per §6.9 and §6.12 of the StuPO. Guidelines and application procedure are available from LAS instructional staff. <p>The module is offered with varying topics drawn from across humanities fields.</p>			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. demonstrate critical engagement with a specific body of humanistic scholarship. 2. evaluate the possibilities and limits of specific humanistic theories and methods in approaching specific cultural objects, cultural spheres, and/or a specific past. 3. independently formulate a research agenda in the humanities. 			
Graded Examination			
A written assignment not to exceed 10,000 words.			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

5.14 Senior Profile: Culture and History			00LE62MO-LAS15-3650
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Profile module for Culture and History Majors Elective for other Majors		
Frequency	At least once per year	Year of Studies	4
Contact Hours	3,5 SWS (à 45 min)	Credit Points	12
Workload	360h (80h attendance)	Duration of Module	2 semesters
Course Format / Teaching Methods	Seminar, Workgroup	Language	English
Module Coordinator	Dr. Ryan Plumley		
Prerequisites	Successful completion of two Compulsory Modules, including Introduction to Culture and History.		
Module content & objectives			
<p>This module allows senior students to profile their study of the humanities in a variety of ways as they consider the academic and professional steps they will take after graduation. Students may continue research-oriented study or pursue practical and project-oriented study.</p> <p>A special challenge here is to integrate the variety of methods, theories, and topics that constitute study in the Culture and History Major. Students therefore develop and improve their academic self-reflection as well as their social and personal competencies.</p> <p>The module may be completed using a combination of the following learning formats:</p> <ul style="list-style-type: none"> • Courses offered as Specialization Option I/II: Culture and History. • Courses on project design and/or implementation. • Individual or group exercises and projects focused on reflection upon and integration of interdisciplinary knowledge within the Major and between the Major and other areas of study. • Independent or group research project or a Major-related practical project. • Major-related internship. • Participation in communication across and beyond academic contexts. • If relevant, laboratory work, simulations, presentations and workshops. 			
Learning Goals			
<p>Upon successful completion of this module, students are able to...</p> <ol style="list-style-type: none"> 1. reflect on and evaluate the use of factual, conceptual and procedural knowledge across contexts and disciplines. 2. choose and assess ways of communicating knowledge across academic and non-academic contexts. 3. describe, apply and differentiate between working and learning strategies, including planning and problem-solving strategies. 4. develop self-awareness as producers and communicators of knowledge. 			
Graded Examination			
A written assignment.			
Pass/Fail Examination			
Attendance in line with the LAS policy, satisfactory completion of all required small assignments.			

6 Electives

Elective			
Study Area	Electives		
Type of Module	Elective		
Course Format / Teaching Methods	Variable	Year of Studies	1-4
Language	Variable	Credit Points	64
Prerequisites	None		
Module content & objectives			
<p>Electives allow students to supplement their Major and to shape their specific academic profile. Students must earn a total of 64 ECTS credits in the electives section. A minimum of 24 ECTS credits must be acquired from modules requiring a graded examination.</p> <p>At least 32 ECTS credits have to be earned in the following sections:</p> <ul style="list-style-type: none"> ▪ Electives courses offered by UCF ▪ Major courses offered by UCF ▪ suitable courses that are part of other degree programs at the University of Freiburg ▪ courses taken during the study abroad with prior approval by the Board of Examiners ▪ language courses offered by the Language Teaching Centre of the University of Freiburg or by other degree programs at the University of Freiburg <p>Furthermore, with prior approval by the Board of Examiners, students can gain credits through:</p> <ul style="list-style-type: none"> ▪ internships or practical projects (up to 18 ECTS credits) ▪ supervised independent studies (up to 12 ECTS credits) ▪ a written reflection on a lecture series or conference visit (up to 2 ECTS credits) <p>Detailed information on requirements and application procedures is available on the Info Board on ILIAS.</p>			
Learning Goals			
<p>Upon successful completion of this module, students have given shape to their individual academic profile. Depending on their intellectual interest and future plans, students will have deepened or broadened their studies. Academic advisors are ready to support students in making well-informed and meaningful choices regarding their Electives.</p>			
Graded Examination			
Variable, as announced for the respective course in the course catalog.			
Pass/Fail Examination			
Variable, as announced for the respective course in the course catalog.			

7 Bachelor Thesis

Bachelor Thesis			
Study Area	Major		
Teaching Unit	University College Freiburg		
Type of Module	Compulsory		
Frequency	/	Year of Studies	4
Contact Hours	/	Credit Points	12
Workload	360 h	Duration of Module	1 Semester
Course Format / Teaching Methods	/	Language	English
Module Coordinator	Dr. Simon Büchner, Dr. Liudmila Mikalayeva, Dr. Ryan Plumley, Dr. Sabine Sané		
Prerequisites	A minimum of 150 ECTS credits, at least 60 of which must be in the chosen major (see examination rules § 20).		
Module content & objectives			
<p>The bachelor's thesis is a written research paper in which the students should show themselves capable of using academic and/or scientific methods to independently research a topic in their chosen major and of presenting their findings in an adequate manner, all within a limited timeframe. The Bachelor Thesis can employ a disciplinary or interdisciplinary approach.</p>			
Learning Goals			
<p>Upon successful completion of the Bachelor Thesis, students are able to...</p> <ol style="list-style-type: none"> 1. plan and pursue a research project independently by including advice from their supervisor 2. define a research topic / formulate a research question 3. find and review literature on a particular topic 4. describe and justify and carry out the methodological approach 5. present and assess findings in the context of the research topic and of the relevant scholarly discourse or state of the art 6. discuss the findings critically and contextualize the results 			
Graded Examination			
Written research paper of no more than 12,000 words (including footnotes or endnotes; excluding the bibliography and annexes and the abstract of max. 300 words).			
Pass/Fail Examination			
/			

University College Freiburg

University of Freiburg

Bertoldstraße 17

79085 Freiburg, Germany

Tel. +49 761 203-67342

studyinfo@ucf.uni-freiburg.de

For more information, please

visit www.ucf.uni-freiburg.de

and join us on Facebook: www.facebook.com/ucf.las

Publication Date: December 2024