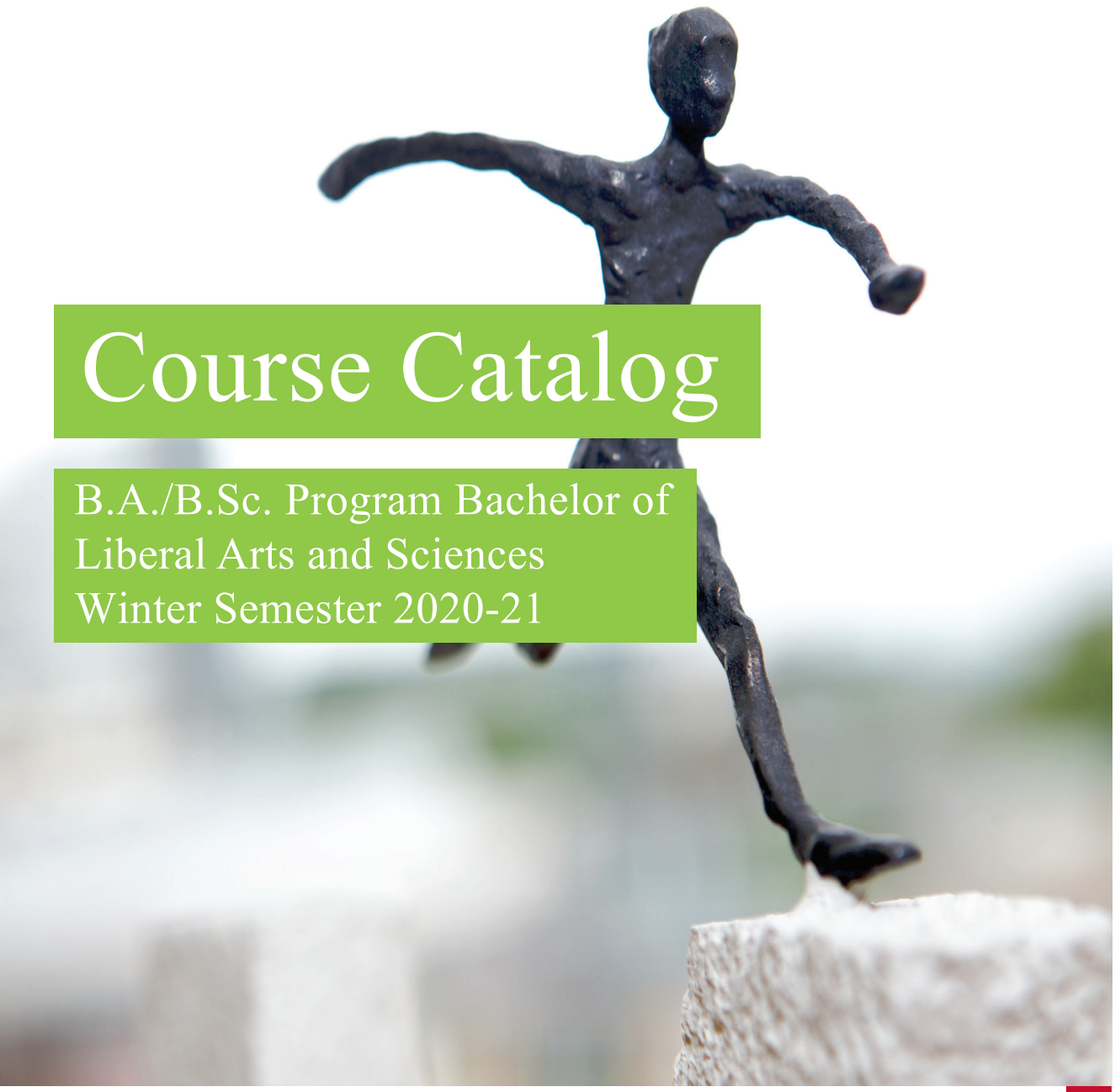
UNIVERSITY COLLEGE FREIBURG



Course Catalog

B.A./B.Sc. Program Bachelor of Liberal Arts and Sciences Winter Semester 2020-21

Albert-Ludwigs-Universität Freiburg

UNI FREIBURG

Content

I General Information 1

1 Teaching Periods Winter Semester 2020-21 1

2 EPICUR: European University 1

3 LAS Academic Calendar: Important Dates and Deadlines 1

II Course Registration 3

1 LAS Specifics – Course Registration 3

2 Who Needs to Register? 3

3 When to Register for Courses? 4

4 How to Register for Courses? 5

5 Deregistration from LAS Courses 6

6 Course Cancellation 6

7 Problems with Course Registration 6

III Exam Registration 7

1 LAS Specifics – Exam Registration 7

2 Who Needs to Register for Examination? 7

3 When to Register for Examination? 7

4 How to Register for Examination? 8

5 Problems with Exam Registration 8

IV Course Details 9

1 UCF Pre-Block Courses 9

1.1 Study Area: Core 9

More than Privilege: Deconstructing Racism, Bias and the Intersections of Identity ... 9

1.2 Study Area: Multiple 11

Drug Development and Regulation 11

Maths and Physics (Pre-Course) 12

2 UCF Courses offered in Block I 13

2.1 Study Area: Core 13

Foundational Year: Research and Presentation 13

2.2 Study Area: Culture and History 14

Post-Migrant Europe 14

2.3 Study Area: Governance 15

Urban Governance in Global South 15

2.4 Study Area: Life Sciences 16

Introduction to Tissue Engineering and Cellular Therapies in Regenerative Medicine 16

2.5 Study Area: Earth and Environmental Sciences / Environmental and Sustainability Sciences 17
Concepts of Ecology and Nature Conservation 17
3 UCF Courses offered in Block II 18
3.1 Study Area: Core 18
Foundational Year: Principles of Responsible Leadership 18
3.2 Study Area: Multiple 19
Climate Change and Biodiversity 19
European Identity in Cinema 20
Mediated Modelling for Sustainability 21
Postcolonial Europe: A Podcast 22
The European Project Revisited: National Identities as an Opportunity or Risk for European Integration? 23
4 Semester-long Courses 24
4.1 Study Area: Core 24
Foundational Year: English Academic Writing 24
Foundational Year: Students and Other Knowers in Context 25
Female Leadership 26
Introduction to Research Design 27
Planning and Doing Research 28
Research Design: The Origins of Language 29
Research Design: What Is Art? 30
Science in Context: An Introduction to Science and Technology Studies 31
Sustainable Entrepreneurship 32
4.2 Study Area: Culture and History 33
Muslim Women in Digital Culture: Dress, Body, Identity 33
Political Pedagogues: German Intellectual Culture Around 1800 34
(Post-)Colonial Histories at the Museum 35
Space, People, and Power in the Roman Borderlands 36
The World as Sound 37
4.3 Study Area: Earth and Environmental Sciences / Environmental and Sustainability Sciences 38
Environmental Chemistry 38
4.4 Study Area: Governance 39
Coups d'Etat, Revolts and Revolutions in the Middle East 39
European Union 40
Global Challenges 41
Happiness 42
International Law: Principles and Practice 43
Introduction to Western Political Theory 44
Politics of Privacy and Surveillance 45

4.5 Study Area: Life Science 46
Anatomy and Functions of the Brain (Das Gehirn - Ein Mal- und Bastelkurs) 46
Critical Neuroscience: The Science, Ethics and Politics of the Human Mind and Brain. 47
Human Physiology 48
4.6 Study Area: Multiple 49
Communicating as a Scientist 49
Environment Risks and Us 50
Geographic Information Systems (GIS) 51
Journalism 52
Maths and Physics 53
Natural Resource Policy and Environmental Governance Studies 54
Quantitative Methods (using R) 55
Reading Foucault 56
Sustainable Cities 57
5 Courses of Other Degree Programs 58
5.1 Study Area: Culture and History 58
Filmgeschichte als Mediengeschichte: Technologie, Industrie und Kultur 58
Film Theory 59
Hip-Hop Studies: Themen und Fragestellungen 60
5.2 Study Area: Earth and Environmental Sciences/ Environmental and Sustainability Sciences 61
Energy Storage 61
Fundamentals of Resilience 63
Grid Integration 64
Material Life Cycles 65
Solar Energy 66
5.3 Study Area: Wissenschaft – Technik – Gesellschaft 67
Marine Ökosysteme, deren Management und Erforschung 67
Reisen im digitalen Zeitalter: Tourismus und seine soziokulturellen und umweltbezogenen Auswirkungen 68
Course Index (of UCF courses) 69

I General Information

1 Teaching Periods Winter Semester 2020-21

The university is closed on public holidays. Dates for individual courses may slightly vary from the dates below (see IV Course Details).

Teaching Period	Dates
October Intensive	September 28 – October 16 (additional dates possible)
Block I	November 2 – December 18 (courses for advanced students may start earlier)
Block II	December 21 – February 19
Semester	November 2 – February 12 (courses for advanced students may start earlier, semester-long LAS courses run according to the university semester, no teaching during university Christmas holidays)
Resit Period	April 6 – April 30, 2021 (resit examinations that require students' presence only)

2 EPICUR: European University

As of summer 2020, UCF is a member of the European Partnership for an Innovative Campus Unifying Regions (EPICUR). LAS students are entitled to take courses that are offered by the eight partner universities in the EPICUR Course Catalog. Those courses that are based at UCF can also be found in the relevant sections of the LAS Course Catalog below (Core, Majors).
Reserved EPICUR slots that are not taken by students of other partner universities will be assigned to UCF student on the waiting list right during the post-registration period 2 and in registration period 3.

3 LAS Academic Calendar: Important Dates and Deadlines

Application forms and guidelines are available on the LAS Info Board on ILAS.

Date		Important Dates and Deadlines
September 2020		
Thu	24.9.	**Deadline: Application for Admission of Bachelor Thesis**
Starting 26.9.		**LAS Course Registration** with consecutive registration periods for courses of the upcoming winter semester (see Course Registration)
October 2020		
Sat	3.10.	**Deadline: Application for SLI Language Courses** (individual courses paid by UCF)
Sat	17.10.	LAS Graduation Ceremony
26.10-30.10		LAS Welcome Week
Wed	21.10.	**Deadline: Application for Non-LAS University of Freiburg Courses to be recognized in the Core or Major** Application forms have to be submitted to the course coordinators for recognition and signatures.

Date		Important Dates and Deadlines
November 2020		
Mon	02.11.	Exam Registration and withdrawal for courses of Block I courses in HISinOne begin
Sun	08.11.	**Deadline: Application for Non-LAS University of Freiburg Courses to be recognized as Elective** (for graded examinations only) Please note that incomplete applications will not be considered.
Sun	15.11.	**Deadline: Round One Application UCF Exchange Programs** for the Academic Year 2021/22. Details on the Application procedure will be announced by Email.
		Deadline: Application Credit Recognition for Study Abroad/Previous Studies
December 2020		
Fri	04.12.	**Deadline: Application for Admission of Bachelor Thesis**
Sun	06.12.	**Deadline: Exam registration and withdrawal** for courses of Block I courses in HISinOne (not for courses of Block II)
Mon	21.12	Exam Registration and withdrawal for courses of Block II **AND** semester long in HISinOne begin
23.12-06.01		University Christmas Break (no teaching)
January 2021		
Fri	15.01	**Deadline: Round Two Applications for UCF Exchange Programs** for the Academic Year 2021/22. Details on the Application procedure will be announced via Email
Sun	31.01	**Deadline: Declaration of Major** (to be taken into account for the upcoming course registration)
		Deadline: Application for Graduation WS 2021-22
		Deadline: Exam registration and withdrawal for Block II **AND** semester long courses
February 2021		
Mon	01.02	**Deadline: Application for Admission of Bachelor Thesis** (recommended date for students graduating at the end of SS 2021)
March 2021		
Beginning of March		Publication of the LAS Course Catalog SS 2021 on the UCF website

II Course Registration

The outlined *course* registration procedure ensures that Liberal Arts and Sciences (LAS) students and LAS exchange students can register for a sufficient number of courses to keep up with their studies and that they get priority for compulsory courses which are required for graduation. Please remember: in order to take examinations (and hence get full credits for courses), students must also register for examination (see Exam Registration).

The outlined course registration procedure **applies to all courses offered by UCF** unless otherwise noted in the course details**.** Information on taking courses offered by other degree programs (that are not listed in this course catalog) and the Sprachlehrinstitut (SLI) of the University of Freiburg is available on the LAS Info Board on ILAS.

1 LAS Specifics – Course Registration

General

- All courses offered by UCF correspond to at least one module that appears in the LAS Study and Examination Regulations. UCF module titles are listed in the LAS Course Catalog.
- All major modules appear *twice* in the LAS Study Planner in HISinOne: in the Major and in the Electives area.
- Exchange students can select any available module to register their course as.
- Module and course titles will appear on your transcript. So, if you have a choice of different modules for one course, please keep this in mind when choosing a module.
- Some courses can only be taken as Major or Core courses and not as Electives (see Course Details).
- For UCF courses with several workgroups and a lecture, students only need to register for the workgroup they would like to attend (unless otherwise noted in the course details). In these cases, registration for the lecture is not possible and not necessary.

Major Modules

- LAS students who have declared their Major register their Major courses as part of their Major.
- LAS students who have not yet declared their Major register all courses as part of their Electives (Electives - Major modules, Wahlbereich – Module der Spezialisierungslinien). Once they declare their Major, relevant credits will be transferred to the Major.

Core Modules

- LAS students should register their Core courses as part of the Core.

Electives

- All Major modules also appear in the Electives area. LAS students who wish to take a module exam of a different Major need to select the corresponding Major module in the Electives area.
- Only LAS students who have already fulfilled all other modules that are listed in the course catalog can register their course as Elective module (Joker, numbers 00LE62MO-LAS1215-7261 to 7268, select the smallest number first). You can find these Joker modules in the Planer of Studies (HISinOne) at the very end of your Electives area.

2 Who Needs to Register?

All students who wish to participate in Liberal Arts and Sciences (LAS) courses need to register for the courses in the manner and by the deadlines specified below.

3 When to Register for Courses?

3.1 LAS students

First year LAS students register for all their courses of the first semester during the Welcome Week. All other LAS students register during the three consecutive registration periods as outlined below. Please note that students may have to register for different courses at different times.

3.2 LAS exchange students (UCF programs only)

LAS exchange students (on UCF programs only) register for courses during Registration Period II.

3.3 Students of other degree programs and other exchange programs

Students of the following degree programs register for courses during Registration Period II (and III for left-over places, “Restplätze”):

- Interdisziplinäre Anthroplogie
- Medienkulturwissenschaften
- Sustainable Systems Engineering

Students of other degree programs and exchange students on international office programs or programs of other departments of the university register for courses during **Registration Period III** (“Restplatzvergabe”).

3.4 Course registration periods

Course Registration Period I Sat, 26.9 - Tue, 29.9 (12:00h, noon)		
Who can register	**For what**	**Comment**
▪ **LAS students** who have **formally declared their Major** by 31st of July	Courses offered by UCF to be recognized in the **Major only** (**not in the Electives Area**, e.g. **not Elective module (Joker))**	LAS students are allowed to register for a **maximum of 5 UCF courses in total (**excluding pre-block courses). If students register for more than 5 courses they will be removed from the most popular courses. No exceptions to this rule will be made. LAS Students who have not formally declared their Major by 31st of July can only register for courses in Registration Period II.
Places will be assigned after the registration period. Higher year students will get priority on places unless otherwise noted in the course details. **You can check your registration status on Wednesday evening.** Your registration request may have been declined. Students whose registration requests have been declined will have the opportunity to **register for alternative courses** (which still have places available) on **Thu, 1.10.**, 14:00h to 18:00h in HISinOne.		

Course Registration Period II Sat, 3.10. - Tue, 6.10. (12:00h, noon)		
Who can register	**For what**	**Comment**
▪ All **LAS students** ▪ **LAS exchange students** (on UCF programs only) **Students of the following degree programs:** ▪ Interdisziplinäre Anthropologie ▪ Medienkulturwissenschaften ▪ Sustainable System Engenering	All courses offered by UCF, unless otherwise noted in the course details	Students registering for courses during registration period II are expected to take the full workload of the course (usually 6 ECTS) Students are allowed to register for a **maximum of 5 UCF courses in total** (excluding pre-block courses). No exceptions to this rule will be made.
Places will be assigned after the registration period. Higher year students will get priority on places unless otherwise noted in the course details. Whether or not a student has declared his or her major will no longer be taken into consideration. **You can check your registration status on Wednesday evening.** Your registration request may have been declined. Students whose registration requests have been declined will have the opportunity to register for alternative courses (which still have places available) on **Thu, 08.10. and Fri, 09.10.** in HISinOne.		

Course Registration Period III ("Restplatzvergabe") Sat, 10.10. – Thu, 15.10 (12:00h, noon)		
Who can register	**For what**	**Comment**
All students	All courses offered by UCF that still have places available (unless otherwise noted in the course details)	Students can register for courses that still have places available. LAS Students are allowed to register for a **maximum of 6 UCF courses in total.**
Places will be assigned throughout the registration period. Regularly check your registration status in HISinOne. Your registration request may have been declined.		

4 How to Register for Courses?

4.1 LAS students

LAS students register for courses using the campus management system HISinOne as outlined below. First year LAS students register for courses as announced during the Welcome Week.

4.2 LAS exchange students (UCF programs only)

LAS exchange students (on UCF programs only) with a Uni-Account register for courses in the campus management system HISinOne as outlined below. LAS exchange students who have not yet enrolled at the University of Freiburg use the form provided by UCF.

4.3 Students of other degree programs and other international students

Students of other degree programs and international exchange students on international office programs or programs of other departments of the university are asked to register for courses in the campus management system HISinOne.

4.4 Course registration in HISinOne

1) Go to https://campus.uni-freiburg.de (you can change the language to English in the lower right corner)
2) **Login** with your Uni-Account
3) Go to Mein Studium (My Studies) > Studienplaner (Planner of Studies); alternatively you can find UCF courses in Studienangebot > Vorlesungsverzeichnis > University College
4) Select the correct Semester of Studies
5) Courses ( ) are linked to the corresponding modules ( ). Here you can find registration links for the courses (you must be logged in otherwise registration links will not appear). You may need to click a couple of times on different symbols ( ) until the registration links appears.
6) Once you click on the registration link, the system will again ask for the module that you wish to register the course for. Make sure to select the same module as for the exam registration later on.
7) Always check whether your registration request has actually been placed (Mein Studium (My Studies) > Meine Veranstaltungen und Prüfungsanmeldungen (My enrollments and examinations).
8) After the registration period: check whether you have got admitted to the course.

4.5 Has the course registration been successful?

Places will be assigned *after* the registration periods. Successful course registrations will appear as TA (Teilnahme akzeptiert). If you have been put on the waiting list (WL), you may be admitted to the course at a later stage. Please be aware: the waiting list doesn't guarantee you a free place in a course. It is up to the instructors to decide on whether they take use of the waiting list or not.

Course participant lists will be finalized **on Fri, October 16, 2020** and passed on to the instructors. Later admissions to courses will only be possible via the instructors.

The final decision about participation in a course is always with the course instructor. Students may be excluded from a course at a later stage, e.g. if they do not fulfill the prerequisites or have not reached the required year of studies. It is also up to the instructors whether or not they admit students once the participant lists are finalized.

5 Deregistration from LAS Courses

De-registration from courses is only possible in HISinOne during course registration periods. Later de-registrations are only possible in case of illness. In this case, please inform the instructor that you cannot attend the course as soon as possible.

6 Course Cancellation

Courses with will less than five participants may be cancelled.

7 Problems with Course Registration

If for some reason course registration does not work for you, please contact the LAS program coordinator (las.consultation@ucf.uni-freiburg.de) immediately. **Requests after the deadline specified will not be considered.**

Always provide

- Name, matriculation number and your major (if declared formally)
- Your study and examination regulations (2012, 2015, 2020 or Exchange student)
- the exact module title that you wish to register your course/exam for
- and information about your problem. Please provide a screenshot of your problem whenever possible.

III Exam Registration

1 LAS Specifics – Exam Registration

General

- The LAS specifics concerning course registration apply (see LAS Specifics – Course Registration)
- Register for examinations for all course offered by UCF that you wish to get credits for. Course based assessments are conducted in the form of module exams. In order to take a module exam, you must register for examination by the deadline as specified in the LAS Academic Calendar..
- LAS courses usually entail a pass/fail assessment (Studienleistung) and a graded assessment (Prüfungsleistung). Details concerning the assessments (form of assessment, etc.) are announced at the beginning of the courses.
- If a module contains both **a graded (Prüfungsleistung) and a pass/fail examination (Studienleistung), you need to register for both**.
- If you have already fulfilled the graded or pass/fail examination of a module in a previous semester (see transcript in HISinOne), you can only register for the corresponding examination of the module.
- Students who failed a graded examination in a previous semester will automatically be re-registered for this examination by the examination office.
- You can register for each module examination only once and only completed modules will count towards your total ECTS credits and therefore your degree.
- Module and course titles will appear on your transcript. So, if you have a choice of different modules for one course, please keep this in mind when choosing a module.

Electives

- Taking the pass/fail assessment only (3 ECTS, Studienleistung) should be seen as an exception and is only possible in the electives section and in *prior* agreement with the instructor. Students who wish to only take the pas/fail assessment must register their pass/fail assessment as one of the joker modules in the Electives (Joker, numbers 00LE62MO-LAS1215-7261 to 7269, use the smallest number first).
- For information on exam registration for courses of other degree programs at the University of Freiburg (that are *not* listed in the LAS course catalog) or Language courses at the SLI, please refer to the guidelines on taking courses at other degree programs that are available on the LAS Info Board on ILIAS.

2 Who Needs to Register for Examination?

All students who wish to get credits for courses need to register for examinations.

3 When to Register for Examination?

Registration Period	Dates	Exam Registration and Withdrawal
1	**5.10.2020 – 14.10.2020**	October Intensive courses
2	**2.11.2020 – 6.12.2020**	Block I courses
3	**21.12.2020 – 31.01.2021**	Block II AND semester long courses

The registration periods apply to all courses offered by UCF (unless otherwise noted in the course details). Courses of other degree programs have different registration periods.

Please register right at the beginning of the registration period in case any problems arise. **Please remember: You are not allowed to take part in the exam or will not be given a grade for any written work if you have not registered by the deadline specified.**

4 How to Register for Examination?

4.1 LAS students and LAS exchange students (UCF partner programs only)

All LAS students (including first year students) and LAS exchange students (on UCF programs only) register their examinations in the campus management system HISinOne as outlined below.

4.2 Students of other degree programs and other exchange programs

UCF does not organize exam registration for students of other degree programs and for international exchange students from other departments. Here exam registration is organized at the relevant faculty or by the international office for students on international office exchange programs. Students should contact their faculty or the International Office.

4.3 Exam registration in HISinOne.

- Go to https://campus.uni-freiburg.de (You can change the language to English in the lower right corner if you wish)
- **Login** with your Uni-Account
- Go to My Studies (Mein Studium) > Planer of Studies (Studienplaner) > Select your current LAS Study and Examination Regulations
- Select the semester of examination. Select “alle aufklappen”.
  Graded (red) and pass/fail exams (blue) are linked to the corresponding modules ( ). Here, you can find a registration link for the examination of your course (you must be logged in otherwise the registration link will not appear). You may need to click a couple of times on different symbols ( ) until the registration links appears.
- Click on the registration link and follow the instructions.
- Always check your registration status afterwards (My Studies (Mein Studium) > My enrollments and registrations (Meine Prüfungsanmeldungen und Belegungen).
- Please print and keep a copy of your registration or your transcript of records as proof of your exam registration.

4.4 Has the exam registration been successful?

Pass/fail assessments (Studienleistungen) will appear as REG (Registriert) and graded assessments (Prüfungsleisungen) as ZU (zugelassen) in HSinOne. See My enrollments and registrations or your transcript of records.

5 Problems with Exam Registration

See Problems with Course Registration.

IV Course Details

1 UCF Pre-Block Courses

1.1 Study Area: Core

More than Privilege: Deconstructing Racism, Bias and the Intersections of Identity			
Course Number	00LE62S-LAS-CO0055	Teaching Period	Pre-Block
Study Area(s)	Core	Credit Points	6 ECTS
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2015	Responsibility and Leadership 2		
Module(s) StuPo 2020	Responsibility and Leadership 2		
Instructor(s)	Esther Earbin, J.D. (esther.earbin@gmail.com)		
Format, Dates, Times and Rooms	5.-16.10. Online Seminar: 15-17:30h		
Course Description	During the summer of 2020, the world saw an influx of protests, media reports, and “viral” videos with the words Black Lives Matter. These events were accompanied by discussions and social media posts with terms like “privilege”, “anti-racism”, and “intersectionality” with people for and against their propositions. This interdisciplinary course will examine the role of identity in a rapidly changing world. Each lecture incorporates cultural references, diverse perspectives (including yours!), as well as examples from the American criminal justice system. The goals of the course include: 1) providing students with practical skills, such as critical thinking and interpersonal communication and 2) understanding legal and cultural formations of identity affects human beings differently.		
Remarks	Please be aware that course and exam registration dates differ for Pre-Block Courses: Course Registration: 21.9.-25.9. (1st registration confirmation) and until 2.10. in HISin1.		
Examination Dates	Exam Date: October 16, 2020 Details: 20 minute oral exam in the form of a policy consultation on a related public policy issue. Specific format will be provided during the course.		
Recommended Reading	Mabry, William Alexander. ""White Supremacy" And The North Carolina Suffrage Amendment." The North Carolina Historical Review 13.1 (1936): 1-24 Carbado, Devon W., and Donald Weise. "The civil rights identity of Bayard Rustin." Tex. L. Rev. 82 (2003): 1133. Crenshaw, Kimberle. "Mapping the margins: Intersectionality, identity politics, and violence against women of color." Stan. L. Rev. 43 (1990): 1241. Anti-racist Arguments Are Tearing People Apart - The Atlantic (https://www.theatlantic.com/ideas/archive/2020/08/meta-arguments-about-anti-racism/615424/)		

~~Social Entrepreneurship~~ CANCELLED			
Course Number	00LE62S-LAS-CO0016	Teaching Period	Pre-Block
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2015	Responsibility and Leadership 2		
Module(s) StuPo 2020	Responsibility and Leadership 2		
Prerequisites	Since the course contains projects with local entrepreneurs, parts of it will be taught in German.		
Instructor(s)	Dr. Markus Strauch (markus.strauch@wb.uni-freiburg.de)		
Format, Dates, Times and Rooms	5.-16.10. Online Seminar: 9-12h and 15-18h (exact times will be announced)		
Course Description	Nach Schumpeter (1934) ist Unternehmertum (Entrepreneurship) im Wesentlichen dadurch gekennzeichnet, dass vorhandene Ressourcen (auf eine neue Art und Weise) kombiniert werden. In dieser Definition geht es beim Unternehmen weder um völlig neue Erfindungen noch beschränkt sie Entrepreneurship allein in das ökonomische Handlungsfeld. Ziel dieses Kurses ist zum einen die Entwicklung eines grundlegenden und eigenständigen Verständnisses von Entrepreneurship/Unternehmertum, das sich in vielen gesellschaftlichen Sphären zeigen kann. Zum anderen steht dessen direkte und eigene praktische Anwendung durch die Entwicklung eigener Unternehmensmodelle im Vordergrund. Als Fallbeispiel dient uns dabei die Regionalwert AG und deren Partnerunternehmen. Sie agiert als Bürgeraktiengesellschaft und Unternehmerverbund in der Region Freiburg/Südbaden. Dadurch haben wir in diesem Kurs die Gelegenheit, in direkten Austausch mit 'Regionalunternehmern' zutreten, die in ihrem eigenen Unternehmen ökonomische, ökologische und soziale Aspekte verbinden und ebensolche Werte und Wirkungen in der Region Freiburg entfalten. Im Kurs nähern wir uns dem Thema Entrepreneurship so auch konsequent transdisziplinär. Wir beziehen uns auf und betrachten Unternehmertum aus einer Reihe von akademischen Disziplinen, wie beispielsweise Ökonomie, Sozial- und Kulturwissenschaften, Psychologie, Geschichte.		
Remarks	Please be aware that course and exam registration dates differ for Pre-Block Courses: Course Registration: 21.9.-25.9. (1st registration confirmation) and until 2.10. in HISin1.		

1.2 Study Area: Multiple

Drug Development and Regulation			
Course Number	00LE62S-LAS-LS0019	Teaching Period	Pre-Block
Study Area(s)	Governance, Life Sciences, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	6
Module(s) StuPo 2012	Laboratory Work for the Life Sciences, Advanced Life Sciences I or II Specialization Option LS I or II Advanced Governance I or II		
Module(s) StuPo 2015	Laboratory Work for the Life Sciences, Advanced Life Sciences I, II or III Specialization Option LS I or II, Advanced Governance I or II		
Prerequisites	Introduction to Life Sciences or Introduction to Governance		
Instructor(s)	Dr. Petra Lachmann (lachmannp@aol.com)		
Format, Dates, Times and Rooms	28.9.-9.10. Seminar/Lab Practical: 28.9.-30.9., 9-13h, AU 01036a 1.10.-7.10., 9-15h, Lab at BIOSS Schänzlestraße 18, 79104 Freiburg 8.10.-9.10., 9-13h, AU 01036a		
Course Description	What is a drug? What is an active substance? What are biologics? What is an orphan drug? How are drugs discovered? What are the potential starting points? Who decides which drug /treatment/disease to follow up? What regulations have to be fulfilled to get pharmaceuticals approved? Who are the stakeholders involved? In this interdisciplinary course, we are going to investigate different areas of drug development. Starting point will be a disease and how it affects the body. The molecules – receptors, enzymes, genes – that might play a role in the disease will be discussed. Then we will talk about active substances, how to identify them and how they react with the target. The active substance - a chemical-synthetic substance or a biopharmaceutical - has to be produced in a larger scale and has to be tested in cell cultures, animals and finally in humans (GLP, GMP, GCP). We will take a closer look at preclinical development and at clinical trials. We will talk about the Committee of Animal Experimentation as well as the Ethics Commission and discuss the history behind it. Emphasis will also be put on legal requirements for drug approval in different countries - Europe, USA - and the agencies involved. We will spend five days in the lab to learn more about requirements and the importance of SOPs (Standard Operating Procedures): how to write them and why they are important; what they should include. At the end of the course students will... • have a basic knowledge about the different steps in drug development • understand the regulations for clinical trials including the history behind animal tests and clinical trials • know about the legal requirements and the agencies involved in the approval of drugs • have an understanding of the stakeholders involved • write/discuss an SOP		
Remarks	Please send your course registration to simon.buechner@ucf.uni-freiburg.de. Deadline: 22. September.		

Maths and Physics (Pre-Course)			
Course Number	00LE62S-LAS-LSEE0006	Teaching Period	Pre-Block
Study Area(s)	Earth and Environmental Sciences, Life Sciences	Credit Points	0
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s)	none		
Instructor(s)	Dr. Benoit Louvel (benoit.louvel@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	12.10.-16.10. Online Seminar: Self-studying plus meeting times on: Tue, 10-12h Wed, 10-12h Thu, 10-12h		
Course Description	The mathematics skills of students to the study entry phase vary greatly. Reasons for this are the different requirements internationally and nationally, as well as a forgetting of the mathematics knowledge by a break after school graduation. This 6h (plus self-studying) Pre-Block course provides the opportunity for students to refresh their school mathematics or to learn new topics dependent on their level of Math's knowledge. This course prepares students for the start of the Math's & Physics course at UCF in winter term 2020/21. The course consists of lectures as well as exercises. Depending on the level of the participating students topics that may be covered are: • arithmetic operations (summation, subtraction, multiplication, division, powers, factorials) and the order of summation • fractions and operations with fractions • definition and properties of some elementary functions: sine, cosine, tangent, exponential, logarithm • solving a linear equation with one variable • solving a quadratic equation with one variable • areas (of a triangle, of a trapezoid, of a disc) and volumes (of a sphere, of a cube).		
Remarks	Highly recommended for students majoring in Earth and Environmental Sciences or Life Sciences and planning to take the Maths & Physics course in winter term. This course will not appear in your Planner of Studies in HISinOne. However, you can search for the course in the system. Exam Registration: there is no examination		

2 UCF Courses offered in Block I

2.1 Study Area: Core

<table>
<tr><th colspan="4">Foundational Year: Research and Presentation</th></tr>
<tr><td>Course Number</td><td>00LE62S-LAS-CO0008
00LE62V-LAS-CO0008</td><td>Teaching Period</td><td>Block I</td></tr>
<tr><td>Study Area(s)</td><td>Core</td><td>Credit Points</td><td>6</td></tr>
<tr><td>Open to Students</td><td>Year 1</td><td>Max. Enrollment</td><td>85</td></tr>
<tr><td>Module(s) StuPo 2015</td><td colspan="3">Research and Presentation</td></tr>
<tr><td>Module(s) StuPo 2020</td><td colspan="3">Research and Presentation</td></tr>
<tr><td>Instructor(s)</td><td colspan="3">Dr. Simon Büchner (buechner@ucf.uni-freiburg.de)
Dr. Mila Mikalay (mikalayeva@ucf.uni-freiburg.de)
Dr. Ryan Plumley (ryan.plumley@ucf.uni-freiburg.de)
Dr. Sabine Sané (sabine.sane@ucf.uni-freiburg.de)</td></tr>
<tr><td>Format, Dates, Times and Rooms</td><td colspan="3">2.11.-18.12.
Lecture:
Mon, 14-16h, AU HS1
Seminars:
Seminar 1 (RP):
Tue, 8-10h, online
Thu, 8-10h, online
Seminar 2 (MM)
Tue, 16-18h, AU 01036a + AU 01065
Thu, 16-18h, AU 01036a + AU 01065
Seminar 3 (SS)
Tue, 10-12h, online
Thu, 10-12h, online
Seminar 4 (SB)
Tue, 10-12h, AU 01036a + AU 01065
Thu, 10-12h, AU 01036a + AU 01065
Final conference
17.12., 14-19h and 18.12., 10-16h</td></tr>
<tr><td>Course Description</td><td colspan="3">This course 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. The 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. Throughout the whole module the research practices and traditions in different disciplines will be addressed.
The course consists of lectures, which all students have to attend, and seminars of which students can choose one. This year’s topics are:
Seminar 1: Public Sphere (Plumley)
Seminar 2: Inter-Nationalism (Mikalay)
Seminar 3: Water Sustainability in a Changing World (Sané)
Seminar 4: Aspects of Communication (Büchner)</td></tr>
</table>

2.2 Study Area: Culture and History

Post-Migrant Europe			
Course Number	00LE62S-LAS-EICH0001	Teaching Period	Block I
Study Area(s)	European Identities, Culture & History	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	20 (10 slots reserved for EPICUR students)
Module(s) StuPo 2012	Specialization Option: Culture, Specialization Option: History		
Module(s) StuPo 2015	Specialization Option C&H I or II Elective module (Joker)		
Module(s) StuPo 2020	Specialization: Culture and History I or II Senior Profile: Culture and History		
Prerequisites	none		
Instructor(s)	Dr. Miriam Nandi (miriam.nandi@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-18.12. Online Seminar: Tue, 9-12h Thu, 9-12h, KG 3118		
Course Description	The German sociologist Naika Foroutan defines the term “post-migrant” as a process of social negotiation and adjustment that takes place in the phase after migration has occurred. The use of “post” does not entail the end of migration, but instead acknowledges migration as an underlying transformative structure of the nation-state, “regardless of whether this transformation is seen as positive or negative.” Taking its cue from Foroutan’s study, this seminar assesses the various ways in which Europe is transforming into a “post-migrant” society. To what extent is migration acknowledged as an integral part of European identity? How do second or third generation migrants (who would probably never actually refer to themselves as migrants) construct and imagine Europe and the nation-state? How do these imaginaries differ or overlap with those of newly arrived migrants? Rather than addressing these questions from a sociological, empirical angle, we will explore novels, short stories and films by “new Europeans”, i.e. Afro-Europeans, Asian Europeans etc. Specifically, we will focus on (among other texts) Fatih Akin’s film Head On (in German: Gegen die Wand), Mohsin Hamid’s novel Exit West, and the testemonies collected in The Refugee Tales I.		
Examination Dates	For 6 ECTS credits (BA LAS, European identities) Regular work on collaborative platform (glossary, data collection); final essay		

2.3 Study Area: Governance

Urban Governance in Global South			
Course Number	00LE62S-LAS-GO0064	Teaching Period	Block I
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	18
Module(s) StuPo 2012	Advanced Governance I and II		
Module(s) StuPo 2015	Advanced Governance I and II		
Prerequisites	Introduction to Governance		
Instructor(s)	Dr. Hugo Fanton (hfanton@gmail.com), Dr. Khanyile Mlotshwa and Dr. Aysegül Can		
Format, Dates, Times and Rooms	02.11. - 18.12. Online Seminar (the exact times of the synchronous sessions will be announced later): Tue, 8-12h Thu, 8-12h		
Course Description	For the first time in history, almost half of the global population is urban. Most new cities are in the Global South where urban governance involves social movements, institutions, local and national political forces guiding the distribution of city resources. These actors also control aspects of everyday life. This course emphasises case studies from the Global South including Southern Africa, Latin America and Turkey. It covers: i. Collective urban action and social movements - How do people act collectively, interact and dispute urban territories in cities? ii. Cities in the Global South – what are the specificities in the urban dynamics of the Global South? iii. Public policy and urban governance – what is the relationship between politics, political process, conflict, negotiation in cities and urban policies? iv. Authoritarianism vs. democracy - what are the processes of democratisation in the face of growing urban authoritarianism in the Global South? v. Socio-spatial inequality and injustice - Why are there huge extremes between wealth and poverty, luxurious gated communities and slums in cities in the Global South? vi. Colonialism and cities in the Global South - What are the connections between colonial structures in modern cities and global capitalism? What would a decolonial urban studies look like? The course will consist of lectures, group activities and response to prior readings. Classes will be divided into two sections: (i) one lecturer will present the main concepts of that week and (ii) groups present their collective reflections on the assigned text (i.e. seminar). During the course students will select a case study to work on, and this will contribute to their final grade.		
Examination Dates	The students' performance will be assessed by weekly group presentations (weeks 2-6), a take home exam (week 7) and the case study assignment. Final examination date 18.12.2020.		
Recommended Reading	Aalbers, Manuel B.; Rolnik, Raquel; Krijnen, Marieke. The Financialization of Housing in Capitalisms Peripheries. Housig Policy Debate, v. 30, p. 481-485, 2020.		

2.4 Study Area: Life Sciences

Introduction to Tissue Engineering and Cellular Therapies in Regenerative Medicine			
Course Number	00LE62S-LAS-LS0020	Teaching Period	Block I
Study Area(s)	Life Sciences, Electives	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	8
Module(s) StuPo 2012	Specialization Option: Life Sciences I or II Elective module (Joker)		
Module(s) StuPo 2015	Specialization Option: Life Sciences I or II Elective module (Joker)		
Prerequisites	Laboratory Work for the Life Sciences, Cell Biology, Biochemistry		
Instructor(s)	PD Dr. Melanie L. Hart and colleagues (melaniehar@gmail.com)		
Format, Dates, Times and Rooms	2.11.-18.12. Seminar Tue, 8:30-12:00h, G.E.R.N lab Thu, 10:00h-12:30h, G.E.R.N lab Seminar room 041 (ground floor), Engesserstrasse 4, 79108 Freiburg Parts may be taught online, hand-on practicals are subject to the then-applying Covid regulations		
Course Description	This course will consist of a series of lectures, student-led seminars, journal clubs (student-led presentation of current research articles) and hand-on laboratory work. Lectures will introduce you to the topics relevant to the field of tissue engineering and cellular therapies in regenerative medicine such as Good Manufacturing Practice (GMP) production of cells for cellular therapies, choosing the right cell type for a specific cell therapy, the importance of the extracellular matrix in regeneration of tissue, the role of biomechanical and biophysical stimuli in tissue engineering and creating three-dimensional (3D) environments for cells and vital implants. Students will team up to present a research article (“Journal Club”), as well as a seminar topic relevant to the this field of in order to gain knowledge in how to read, present and evaluate scientific research papers and to become more acquainted with standard and new techniques that can be used in tissue engineering and regenerative medicine. Hands-on work in the laboratory will include sterile cell culture techniques, how to isolate and culture mesenchymal stem cells from tissue, creating and assessing 3D cellular environments and analyzing their biomechanical properties.		
Remarks	This class requires presence in Freiburg. First meeting will be taught in the seminar room on the entrance level next to the elevators of Engesserstrasse 4. Please always be on time as the doors automatically lock. If necessary, call to be let in but this will disrupt the course (Tel. 40975). The location of the remaining courses will be provided to you on the first day of the course.		
Examination Dates	Two presentations, maintaining a laboratory notebook about the contents of the hands-on laboratory work, as well as a short multiple choice exam in the final week.		
Recommended Reading	Guraya, S. Y., Sampogna, G., & Forgione, A. (2015). Regenerative medicine: historical roots and potential strategies in modern medicine.		

2.5 Study Area: Earth and Environmental Sciences / Environmental and Sustainability Sciences

Concepts of Ecology and Nature Conservation			
Course Number	00LE62S-LAS-EE0020	Teaching Period	Block I
Study Area(s)	Earth and Environmental Sciences / Environmental and Sustainability Sciences	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	20
Module(s) StuPo 2012	Ecology		
Module(s) StuPo 2015	Ecology, Elective module (Joker)		
Module(s) StuPo 2015	Ecology, Elective module (Joker)		
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Dr. Helena Pereira-Peixoto (maria.pereira-peixoto@nature.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-18.12. Online Seminar Tue, 14-18h Thu, 14-16h		
Course Description	In this course, you will have an introduction to the basic principles of Ecology and Entomology, comprising their general main concepts. Since human impacts are altering the composition and richness of species in ecological communities all over the world, especially in man-made landscapes, we will deepen our concepts in Ecology and Entomology toward insects' diversity and their interactions in urban areas. Therewith, we will also have a more detailed look at the insect's zoological classification and anatomy. Furthermore, in a later stage of our course, we will then present and discuss the impacts of global changes on biodiversity and ecosystems functions and services.		
Remarks	Students majoring in EES/ESS have priority		

3 UCF Courses offered in Block II

3.1 Study Area: Core

Foundational Year: Principles of Responsible Leadership			
Course Number	00LE62V/S-LAS-CO0026	Teaching Period	Block II
Study Area(s)	Core	Credit Points	6
Open to Students	Year 1	Max. Enrollment	85
Module(s) StuPo 2015	Responsibility and Leadership 1		
Module(s) StuPo 2020	Responsibility and Leadership 1		
Prerequisites	none		
Instructor(s)	Dr. Johanna Gampe (johanna.gampe@ucf.uni-freiburg.de) Dr. Simone Krais (simone.krais@sli.uni-freiburg.de) Thorsten Leiendecker, M.A. (thorsten.leiendecker@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	21.12-19.2. Lecture: Mon, 14-16h, AU HS1 (and online) Workgroups: WG1: Wed, 8-10h, Ph HS 3 + 4 WG2: Wed, 10-12h, Ph HS 1 + 2 WG3: Fri, 10-12h, AU 01 036a + AU 01 065		
Course Description	We experience an increasing dynamic and complexity of daily life, a variety of lifestyles and beliefs about what is right or wrong which make the task of leading responsibly more difficult, complex, and uncertain. In addition to this, grand challenges like global warming, rising inequality and global migration put pressure on every one of us to contribute to a sustainable future for people and planet. This foundational course introduces essential principles of responsible leadership, understood broadly as a multifaceted approach to constructive action in professional life and beyond. Our comprehensive treatment of the term is reflected in different parts, each presenting responsibility and leadership from a different angle. At the same time, this course will introduce a foundation and practical guideline for working dynamically and efficently in groups. Based on this input, students will develop their own project which will be presented at the end of this first semester. We will either organize an exhibition of the projects at UCF or present the results in an online conference.		
Remarks	This course is part of the Foundational Year. First year students register for this course during the Welcome Week. Registration is required for one of the workgroups only.		
Examination Dates	Regular attendance and active participation in work group meetings.		

3.2 Study Area: Multiple

Climate Change and Biodiversity			
Course Number	00LE62S-LAS-GOEE0004	Teaching Period	Block II
Study Area(s)	EES/ESS, Governance, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Specialization Option: EES I or II Specialization Option: Law, Politics, Administration Elective module (Joker)		
Module(s) StuPo 2015	Specialization Option: EES I or II, Human and the Environment Specialization Option: Governance I or II Elective module (Joker)		
Module(s) StuPo 2020	Human and the Environment I or II Specialization Option: ESS I or II		
Prerequisites	Introduction to Earth and Environmental Sciences or Introduction to Governance		
Instructor(s)	Dr. Benoit Sittler (benoit.sittler@nature.uni-freiburg.de)		
Format, Dates, Times and Rooms	21.12-19.2. Seminar: Tue, 8-12h, AU 01036a Thu, 8-12h, AU 01036a		
Course Description	Climate change and biodiversity are among the major environmental issues modern societies face. They call for governance solutions both on global and local levels. In this course, you will first discover methodological approaches (such as proxies) to the monitoring and assessment of past and present changes in biodiversity. We will consider in detail examples illustrating these approaches looking into, namely, an ongoing long-term project in Greenland, which will provide you with unique insights into effects of climate change on biodiversity. You will understand the basic principles and dynamics behind the climate variability and the link to biodiversity. In the second part of the course we will focus on governance. We will discuss how issues like climate change and loss of biodiversity find their way onto political agendas. We will explore standard-setting mechanisms, especially in respect to the measurement of climate change and its effect on the biodiversity. Furthermore, we will analyze regulatory policies introduced and implemented on the international, national, and local levels.		
Remarks	Students majoring in Earth and Environmental Sciences have priority, Excursion on Friday possible		

European Identity in Cinema			
Course Number	00LE62S-LAS-EI0002	Teaching Period	Block II
Study Area(s)	European Identities	Credit Points	2 or 6
Open to Students	Year(s)	Max. Enrollment	20 (5 slots reserved for EPICUR students)
Module(s)	Elective module (Joker)		
Instructor(s)	Dr. Igor Krstic (igor.krstic@kit.edu)		
Format, Dates, Times and Rooms	15.-17.1. Online Lecture/Seminar: Block 1: 15.1.2020, 9-17h Block 2: 16.1.2020, 9-17h Block 3: 17.1.2020, 9-17h		
Course Description	European identity is a politically contested and contradictory term. It is often perceived, in difference to nationalist identity constructions, as a “post-national“, “transnational” or “cosmopolitan” concept. Yet, for many students, professionals, families or even larger communities, being “European” is not just an abstract concept. Europe is, on the one hand, a patchwork of regions, in which regional identities form across national or linguistic borders. On the other, it is also a multicultural continent, marked by minorities and (post-colonial or EU) migrants, who are, however, still often described in terms of “hyphenated identities”, as German-Turkish, Maghreb-French or Asian-British, rather than as “Europeans”. Lastly, it is a continent in motion, in which (Erasmus) students, business professionals or far-flung families communicate, work or study together across the continent. The seminar will discuss these varied European identities via European cinema, as cinema is not only able to articulate, but also to interrogate, deconstruct or question identities. The examples we will discuss include films that negotiate 1) cosmopolitan or Pan-European identities (L’auberge espagnole by Cédric Klapisch, 2002), 2) migrant identities (Head-On by Fatih Akin, 2004) and 3) regional border identities (The Bridge, 2011). The students will attain their credit points by sharing their analyses and discussions in the form of a podcast produced after the course, highlighting different aspects and questions that come up during the seminar.		
Examination Dates	For 2-6 ECTS credits (BA LAS, European identities), work on project: podcast production		

Mediated Modelling for Sustainability			
Course Number	00LE62S-LAS-EESNSS0001	Teaching Period	Block II
Study Area(s)	EES/ESS, Natural and Societal Sustainability	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	25 (10 slots reserved for EPICUR students)
Module(s) StuPo 2012	Global Cycles of Matter and Material		
Module(s) StuPo 2015	Global Cycles of Matter and Material, Specializaltion Option EES I or II Elective module (Joker)		
Instructor(s)	Dr. Andreas Zitek (andreas.zitek@boku.ac.at), Stefanie Klose (stefanie.klose@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	21.12-19.2. Online Lecture/Seminar: Mon, 14-16h (mandatory attendance) Tue, 14-18h (self-study) Thu, 14-16h (mandatory attendance)		
Course Description	Resource scarcities, degraded ecosystem functioning from pollution and biodiversity loss, and anthropogenic climate change are damaging the life-supporting capacity of the planet on local and on global scale. Many people recognize the need to transition to sustainable, resilient ways of living, but the prospect of such a transition is daunting. It requires new ways of thinking and addressing complex problems, and a shared understanding and acting of large parts of society. However, current attempts to address these problems often lack good systems understanding and moreover a shared understanding of complex issues as a basis of collaborative effective action. Causal qualitative systems thinking encourages people to explore causal inter-relationships (context and connections), perspectives (each actor has a unique perception of the situation) and boundaries (agreeing on scope, scale and what might constitute an improvement). Qualitative causal systems modelling is particularly useful to address complex problems at a conceptual causal level with the ability to run simulations without the need to use numbers. It also allows to integrate entities and relations across disciplinary boundaries linking social, environmental and economic issues. Especially to collaboratively develop the models, and to see the outcomes of different perspectives and causal relations on target variable states helps to build up a shared understanding of the system and potential actions needed for improvement, as sustainability problems can usually not be solved by one actor or stakeholder group, nor can they be understood by only looking at them from only one perspective. This course focuses on the conceptual qualitative causal nature of system thinking with case studies based on real-life problems. This course aims to sharpen the way students look at sustainability problems by introducing a new software tool (DynaLearn: https://www.dynalearn.eu/) for collaborative mediated qualitative model building and simulation. DynaLearn is a purely qualitative modelling environment based on Qualitative Reasoning (an artificial intelligence technique), which means that no numbers are required for modeling and simulation. Furthermore, it allows collaborative model building and mediation of the modelling process via the web. The case studies developed by the students are based on their interest and can be shaped regarding the requirements of their respective major. E.g. for the University College Freiburg this lecture can be used for the module Global Cycles of Matter and Materials with a case study exploring the (un)sustainable use of natural resources.		
Examination Dates	6 ECTS for participating in online lectures, in collaborative regular work on the modelling platform, presentation of model and final essay describing the developed model.		

KG Kollegiengebäude
AU Alte Universität
HS Hörsaal
Ph Peterhof
BT Breisacher Tor
SR Seminar Room

Recommended Reading	Ahl, Valerie, Timothy FH Allen, and T.F.H. Allen. Hierarchy theory: a vision, vocabulary, and epistemology. Columbia University Press, 1996. Van den Belt, Marjan. Mediated modeling: a system dynamics approach to environmental consensus building. Island press, 2004. Zitek, A., Schmutz, S., Preis, S., Salles, P., Bredeweg, B., and Muhar, S. 2009. Evaluating the potential of qualitative reasoning models to contribute to sustainable catchment management. Ecological Informatics 4 (5): 381-395.

Postcolonial Europe: A Podcast			
Course Number	00LE62S-LAS-EICH0002	Teaching Period	Block II
Study Area(s)	European Identities, Culture & History	Credit Points	3 or 6
Open to Students	Year(s) 2-4	Max. Enrollment	20 (10 slots reserved for EPICUR students)
Module(s) StuPo 2012	Culture and History Since the Early Modern Period Advanced Culture and History I or II		
Module(s) StuPo 2015	Culture and History Since the Early Modern Period Advanced Culture and History I, II, or III Elective module (Joker)		
Module(s) StuPo 2020	History: Modern or Contemporary Culture and History I, II, or III		
Instructor(s)	Pia Masurczak (p.masurczak@gmx.de)		
Format, Dates, Times and Rooms	21.12-19.2. Online Lecture/Seminar: Tue, 14-18h Thu, 14-16h		
Course Description	For the past few Western European societies have been confronted with their colonial legacies. The renaming of streets referring to German colonialist expansion, the debate on the 'Zwarte Piet' in the Netherlands or the statue of Cecil Rhodes in the UK – they all point to the fact that a shared European identity must include an acknowledgement of its colonial past and the repercussions this has today. The course will examine these debates and discuss the challenges to accepted conceptions of history. The students will be sharing their analyses and discussions in the form of a series of three podcast episodes produced during the course, highlighting different aspects and questions that come up during their research. By doing so, they will also be required to reflect on the process of researching and discussing their ideas. Additionally, the students will gain a basic understanding of how to transfer their academic skills to a (new) journalistic format and make their information accessible to wider, non-academic public.		
Examination Dates	For 6 ECTS credits (BA LAS, European identities): regular work on collaborative platform (glossary, data collection) and a podcast production For 3 ECTS: only one of the two assignments above.		
Recommended Reading	Jürgen Osterhammel: Transformation of the World. A Global History of the Nineteenth Century. Princeton 2015. (excerpts) Robert J.C. Young: Postcolonialism. A Very Short Introduction. Oxford 2003.		

The European Project Revisited: National Identities as an Opportunity or Risk for European Integration?			
Course Number	00LE62S-LAS-EI0001	Teaching Period	Block II
Study Area(s)	European Identities, Electives	Credit Points	2 or 3
Open to Students	Year(s) 2-4	Max. Enrollment	25 (10 slots reserved for EPICUR students)
Module(s)	Elective module (Joker)		
Instructor(s)	Maximilian Jungmann (jungmann@hce.uni-heidelberg.de) Martina Vetrovcova (martina.vetrovcova@uni-heidelberg.de)		
Format, Dates, Times and Rooms	16.1.-7.2. Online Lecture/Seminar: Block 1: 16.1.2021, 9-15h Block 2: 23.1.2021, 9-15h Block 3: 6.2.2021, 9-15h Block 4: 7.2.2021, 9-15h		
Course Description	The Eurozone crisis, Brexit, increased migration and, most recently, the coronavirus pandemic. Those are some of the crises that have challenged the European integration process in recent years. In light of these developments and the unprecedented farewell of one of its members, the EU is now required to reevaluate some fundamental questions, such as whether the ideals and core values the Union was founded on still hold true and whether having a dual European and national identity is feasible. The online seminar will first shed light on the different phases of European integration before discussing the main challenges the EU has been facing. This will be followed by a deeper examination of the influence national identities and historical memory have on the understanding of European values and principles. In the next step, participants will be able to apply their newly acquired knowledge in a short simulation and experience how difficult it is to reach a consensus with all states on issues as diverse as migration, climate change (Green New Deal), and defense cooperation. This experience will foster a greater understanding of national differences with regard to European-wide issues.		
Examination Dates	For 2-3 ECTS credits (BA LAS, European identities): active participation and presentation.		

4 Semester-long Courses

4.1 Study Area: Core

Foundational Year: English Academic Writing			
Course Number	00LE62S-LAS-CO0013	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 1-2	Max. Enrollment	85 (10 slots reserved for EPICUR students)
Module(s) StuPo 2015	English for Academic Purposes		
Module(s) StuPo 2020	English Academic Writing		
Instructor(s)	Dr. Sebastian Gehart (sebastian.gehart@ucf.uni-freiburg.de) Thorsten Leiendecker, M.A. (thorsten.leiendecker@ucf.uni-freiburg.de) Dr. Steven Randall (steven.randall@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Lecture: Mon, 10-12h Workgroups: WG1 (SR): Tue, 12-14h, online WG2 (TL): Tue, 14-16h , online WG 3 (SG): Tue, 12-14h, AU 01036a + AU 01065 WG 4 (SG): Tue, 14-16h, AU 01036a + AU 01065		
Course Description	English for Academic Writing (EAW) is designed to introduce students to the essentials of English academic writing culture. The objective of this course is to support students in a regular practice of critically reading and writing academic texts across genres. One overarching goal of the module is to explore how writing is not a passive medium of communication, but a social activity that involves many actors and has multiple effects in the world. In Block I of this course, we will identify academic discourse and the features of academic writing. Students will learn how to write structured paragraphs and how to present their research—in the form of summary, paraphrase, and quotation—with academic integrity. In Block II, we will explore critical reading and writing with a focus on the genres review and essay. Students will extend their recognition of argumentation by examining the specific anatomy of the persuasive essay. Building on the skills and contents developed in Research and Presentation, each student will craft an essay aimed at compellingly convincing the reader of the merits of its claims. Upon successful completion of this course, students should be able to: • Write persuasively and critically • Identify, analyse, and evaluate academic texts • Use outside sources with academic integrity • Successfully proofread and edit their seminar papers		
Examination Dates	Student will compose several pieces of writing; the final assignment will be due on 7.3.2021.		

Foundational Year: Students and Other Knowers in Context			
Course Number	00LE62V-LAS-CO0028	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 1	Max. Enrollment	85
Module(s) StuPo 2015	Knowledge in Context		
Module(s) StuPo 2020	Knowledge in Context		
Prerequisites	none		
Instructor(s)	Prof. Dr. Veronika Lipphardt (veronika.lipphardt@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Lecture: Mon, 12-14h, AU HS2 (and online) Workgroups: WG 1: Thu, 16-18h, Ph HS 3 WG 2: Thu, 16-18h, Ph HS 4 WG 3: Thu, 18-20h, Ph HS 3 WG 4: Thu, 18-20h, Ph HS 4 It will be possible to participate in online workgroups.		
Course Description	This course consists of one main section and three additional, smaller ones. It is designed as an asynchronous blended learning course, with planned-in encounters between students and instructors, either digital or physical, in the form of discussions and Q&A sessions. The course (including discussions) stretches into the semester break until 15th March (final deadline). Students have to attend required and optional units. The central part of the course introduces students to a broad consideration of knowledge in its historical, social, political and practical contexts. This will be the most academic part of the course, with academic readings and much sociological theory, and drawing on work in the history, anthropology, and sociology of knowledge (and a little bit on educational psychology). The course aims at fostering reflection about questions such as: How do individuals or groups approach, embrace, value knowledge, and determine what knowledge is for them? What counts as knowledge, why, and on what grounds; where, for whom, and in what context? What has counted as knowledge in previous centuries, in other places and situations? What is (or what was) the relationship between scientific knowledge and knowledge that is (or was) not deemed scientific, as, for example, common sense knowledge, or the knowledge of non-academic professional fields, or knowledge produced and used by political entities? Furthermore, we will discuss different forms of knowledge, such as explicit and tacit knowledge; how knowledge relates to identity building or to professional ethos; and how knowledge relates to power. The course also fosters reflection about ignorance, as well as on epistemic beliefs, or “personal epistemology:” That is, how humans (including ourselves) use, evaluate, cherish and question knowledge in their daily lives, how they relate emotionally to specific forms of knowledge, and how they deal with uncertainties. Different than in previous years, however, one specific focus will be “the knower” as an imagined reality and subjectivity. How do humans understand themselves as subjects of knowing? What kind of knower do they believe to be, or aspire to become? How do they ascribe or deny others the status of a knower? How do they evaluate other individuals as knowers? The other course sections discuss Interdisciplinarity, Contextual-Critical-Careful Thinking, and LAS in Higher Education.		
Remarks	This course is part of the Foundational Year. First year students register for this course during the Welcome Week. Registration is required for one of the workgroups only.		

KG	Kollegiengebäude	Ph	Peterhof
AU	Alte Universität	BT	Breisacher Tor
HS	Hörsaal	SR	Seminar Room

Examination Dates	Assigments: E-Portfolio (including exercise sheets, reading responses, and other assignment formats) Final deadline for all assignments: 15.03.2021
Recommended Reading	Lipphardt, Veronika / Ludwig, David: Knowledge Transfer and Science Transfer, in: European History Online (EGO), published by the Institute of European History (IEG), Mainz 2011-12-12. http://www.ieg-ego.eu/lipphardtvludwigd-2011-en URN: urn:nbn:de:0159-2011121229.

Female Leadership			
Course Number	00LE62S-LAS-CO0054	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2015	Responsibility and Leadership 2		
Module(s) StuPo 2020	Responsibility and Leadership 2		
Prerequisites	Responsibility and Leadership 1		
Instructor(s)	Maria-Xenia Hardt (maria-xenia@live.co.uk)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Tue, 10-12h		
Course Description	All around the world, female leaders are on the rise – from a new generation of politicians like Jacinda Ardern, Sanna Marin and Alexandria Ocasio-Cortez to Facebook COO Sheryl Sandberg; from climate activist Greta Thunberg to pop ikons like Beyoncé. And yet, these women often have to face challenges that are blissfully unfamiliar to their male colleagues because – despite the progress of feminist movements – notions of 'leadership' and 'masculinity' are still inherently entangled. In this course, we will try to disentangle them. In the first sessions, we will dive into research from different academic disciplines (e.g. sociology, psychology, cultural studies) to dissect the ways in which leadership discourses are gendered. In the second part of the course, we will turn our attention to a series of case studies across politics, economics, popular culture, academia, history, law and (social) media. Students will be able to pick their own case studies and work on them in small groups. All students will contribute entries to a blog that will serve as a way to both exchange knowledge between the different groups and share our research with a wider audience. Blog entries will count towards the final grade, along with a presentation and an academic essay OR long-form (journalistic) contribution to the blog.		
Examination Dates	Blog entries on each case study (30 percent); presentation session and written documentation thereof (20 percent); longer academic essay (5-7 pg.) OR long-form contribution to blog (if possible multi-medial) on topic of choice (50 percent)		

Introduction to Research Design			
Course Number	00LE62S-LAS-CO0056	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 3	Max. Enrollment	16
Module(s) StuPo 2012	The Challenge of Interdisciplinarity		
Module(s) StuPo 2015	Research Design across Disciplines		
Instructor(s)	Dr. Mila Mikalay (mikalayeva@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	19.10.-29.01. Online Seminar: Tue, 12-14h Thu, 12-14h		
Course Description	The course exposes you to the expectations to high quality research in different disciplines and encourages discussion on the differences and similarities across the areas of intellectual interests that you and other students will bring to the course. We will summarize, analyze and improve your ability to formulate a research goal, select an appropriate theory and method, and plan and manage a research project. Upon completing this course, you should be able to understand the princinples of developing a viable research project, following the criteria of solid research design, including: • formulating and refining a research goal / research question, • understanding the principles of selecting a suitable theory and method for answering your research question, • knowing how to define the data necessary to answer the research question, how to gather, systematize and analyze it, • formulating a convincing relevance statement by contextualizing your research as an informed position in an existing academic debate, • improving the capacity to efficiently and correctly use sources to construct a clear and convincing argument, • improving the ability to clearly and convincingly communicate your research, both in writing and oral presentations; • improving the ability to provide constructive feedback on the research of other scholars. The first part of the course will introduce you to the principles of research design, with small exercises. During the second part you will work in small groups on a research topic of your choice, to draft a research proposal. As part of this work, you will need to attend a few academic talks, to learn about academic research and communication rules.		
Remarks	This course is open to third-year students of all Majors! It is especially useful for students planning to do a semester abroad in the fourth year of studies.		
Examination Dates	Pass/fail: Research diary, active participation Graded: Research outline, Research Proposal Final examination date: 20.2.21		
Recommended Reading	We will use some textbooks in this course: I recommend you to get an edition of this book for your library: Booth Wayne C., Gregory G. Colomb & Joseph M. Williams (2008). The Craft of Research. 3rd edition. Chicago: The University of Chicago Press.		

Planning and Doing Research			
Course Number	00LE62S-LAS-CO0042	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 4	Max. Enrollment	20
Module(s) StuPo 2015	Research Design across Disciplines		
Instructor(s)	Dr. Simon J. Büchner (buechner@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Seminar Wed, 14-16h Fri, 10-12h Final conference: 11. + 12.02.		
Course Description	In the fourth year of LAS studies it is time to take stock of your knowledge on how to plan and conduct an independent research project which you may or may not turn into your bachelor thesis. The course 'Planning and Doing Research' exposes you to the expectations to high quality research and encourages discussion on the differences and similarities across the areas of intellectual interests that you and other students will bring to the course. We will summarize, analyze and improve your ability to plan and manage a small-scale research project. The goal is to come up with a proposal including a research plan which you can then discuss with a (potential) supervisor. For this, we will run through all phases of a research project and discuss and practice related activities involved in each step. This includes, finding an interesting research topic, developing a manageable research question, ethical considerations when doing research, selecting an appropriate method (e.g. qualitative, quantitative), coming up with a suitable research design, approaching a potential supervisor, collecting, analyzing, and interpreting data (verbal and numerical), drawing conclusions, critically discussing your own work, and presenting your plans and results effectively. The course will be a mix of instructor presentations, reading-based discussions, individual and group exercises, and student presentations. The starting point will be content from previous courses in order to extend your skills and knowledge, so that you can apply them to your research project and eventually turn it into a thesis. There is no topical focus in this course and students from all majors are welcome.		
Remarks	The course is open to all Majors and is not content-oriented. Intellectual openness is both a prerequisite and a desired outcome. Concluding conference takes place on Feb 11 and 12, please reserve these dates.		
Examination Dates	Graded assessment: presentation of research plan in the second half of the course, and written research proposal (due: February 21, 2020).		
Recommended Reading	Booth, W., Colomb, G. & Williams, J. (2008). The Craft of Research. 3rd edition. Chicago and London: University of Chicago Press (Reading room: EDU/Boo/1) Snieder, R., & Larner, K. (2009). The Art of Being a Scientist: A Guide for Graduate Students and Their Mentors. Cambridge University Press. (UB: NA/2018/84)		

Research Design: The Origins of Language			
Course Number	00LE62S-LAS-CO0053	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 4	Max. Enrollment	20
Module(s) StuPo 2015	Research Design across Disciplines		
Instructor(s)	PD Dr. Oliver Schlaudt (oliver.schlaudt@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Fri, 10-12h		
Course Description	The origin of language has always been a mystery to philosophy, because with it something categorically new enters the world: sense and meaning. In current scientific research, the question of the origin of language is posed much more soberly: Which specific evolutionary pressure may have been decisive for the development of language? What neurophysiological conditions are necessary for language? What does language do as a cognitive tool? How does the development relate to questions of social organization and the emergence of the political? In this course we will study language in the context of these different perspectives (as well as their fusion, for example in teleosemantics) in order to better understand the design of research questions in their disciplinary and interdisciplinary setting. Course Objectives Upon successful completion of this course, students are able to develop and plan their first research project including • a research question in the context of existing research results • a suitable research design and choice of an appropriate method • a work plan • a presentation of the planned project Course Structure: In the first half of the course, we will concentrate on current research literature and meet each week online for reading-based discussions. During the second half, your own research projects (without any necessary connection to the topic of the seminar) will become more important. You will have the opportunity to present your own research proposal to your peers and discuss its strengths and weaknesses. This presentation will be graded and at the same time be the rehearsal for your presentation at the final conference.		
Recommended Reading	The texts will be provided on ILIAS at the beginning of the semester.		

Research Design: What Is Art?			
Course Number	00LE62S-LAS-CO0052	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 4	Max. Enrollment	20
Module(s) StuPo 2015	Research Design across Disciplines		
Instructor(s)	PD Dr. Oliver Schlaudt (oliver.schlaudt@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Fri, 8-10h		
Course Description	In this seminar we will look at the visual arts as an interdisciplinary subject of research and take a kind of "tour" to look at it from the perspectives of the various disciplines: Archaeology and evolutionary biology (the origins of art), psychology and empirical aesthetics (how does art work?), sociology (what is its social function and effect?), philosophy and the humanities (what is art, what is the intrinsic logic of the aesthetic?), and perhaps more. The aim of the seminar is to become conscious of the design of research questions and the presentation of research results by comparing disciplines, identifying differences and similarities, but above all by studying the problems of monodisciplinary perspectives and the challenges of interdisciplinary approaches. Course Objectives Upon successful completion of this course, students are able to develop and plan their first research project including • a research question in the context of existing research results • a suitable research design and choice of an appropriate method • a work plan • a presentation of the planned project Course Structure: In the first half of the course, we will concentrate on current research literature and meet each week online for reading-based discussions. During the second half, your own research projects (without any necessary connection to the topic of the seminar) will become more important. You will have the opportunity to present your own research proposal to your peers and discuss its strengths and weaknesses. This presentation will be graded and at the same time be the rehearsal for your presentation at the final conference.		
Recommended Reading	The texts will be provided on ILIAS at the beginning of the semester.		

Science in Context: An Introduction to Science and Technology Studies			
Course Number	00LE62S-LAS-CO0017 00LE62V-LAS-CO0017	Teaching Period	Semester
Study Area(s)	Core	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	80
Module(s) StuPo 2015	Science in Context		
Prerequisites	none		
Instructor(s)	Prof. Dr. Veronika Lipphardt (veronika.lipphardt@ucf.uni-freiburg.de) Dr. Nicholas Buchanan (nicholas.buchanan@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Lecture Wed, 12-14h, AU HS1 (and online) Workgroups WG1: Fri, 8-10h, AU 01036a WG2: Fri, 8-10h, AU 01065 WG 3: Fri, 10-12h, AU 01036a WG 4: Fri, 10-12h, AU 01065		
Course Description	Science and technology are defining characteristics of our world. But how is scientific knowledge made, how are technologies developed? What impacts do these have on our lives and the lives of others, and in what ways do human choices shape science and technology? This course explores science and technology not as bodies of knowledge or collections of artifacts, but rather as social practices and processes. In it, we will examine the interrelationships among science, technology, and society in historical and contemporary contexts, with the aim of better understanding the embeddedness of scientific and technical activities within society. Because Science and Technology Studies (STS) is an eclectic and wide-ranging field of inquiry that resists clean theoretical summary, the course will not be organized as a tour of major canonical theories within science and technology studies. Instead, lectures will explore how STS can help provide a deeper understanding of all-too-easily taken-for-granted categories in public discourse, such as “science,” “technology,” “bodies,” “nature,” “experts,” and “disciplines.” Throughout our discussion, we will nonetheless highlight important schools of thought within STS as we draw on sources in the history of science and technology, the sociology of scientific knowledge, and the anthropology of science and technology. In workgroups, we will read and discuss a wide variety theoretical and empirical texts that interrogate science and technology as social phenomena. In addition, the course will also focus on the idea that STS can be a productive avenue for public engagement, and students will participate in projects meant to use insights from STS as a way to inform public debates.		
Remarks	The course will have both asynchronous elements (pre-recorded lectures, readings available up front, and the freedom to complete course projects in any order) and synchronous elements (discussion groups will meet regularly online each week and work through a list of topics). The rooms mentioned above may be used if some presence will be possible. This will be announced in advance.		

Sustainable Entrepreneurship			
Course Number	00LE62S-LAS-CO00	Teaching Period	Semester
Study Area(s)	Core, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	24
Module(s)	Resonsibility and Leadership 2 Elective module (Joker)		
Prerequisites	For this course, different digital collaboration tools will be used, some of which require registration. By applying for this course, you agree to use such tools.		
Instructor(s)	Prof. Dr. Stephan Lengsfeld (lengsfeld@vwl.uni-freiburg.de) and Steffen Weyreter (Entrepreneurship Education, Chair of Finance, Controlling and Entrepreneurship), Stefanie Klose (stefanie.klose@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Workshops on Fri, 6.11., 13.11., 20.11. and 27.11.: 14-18h Project work, preferably Wed, 10-12h Final workshop, Fri, 29.1., 14-18h		
Course Description	Not only Fridays for Future or the Corona Pandemic has brought the discussion about how we live and do business into focus and into the center of our society. That we are overloading our planet with the way we live has been a topic of discussion among scientists for over 40 years. Sustainability and responsibility are some of the most discussed topics on economic interest groups like the World Economic Forum or the OECD. There is one conclusion: We have to change how we are doing business. But how? In this course, we dive into sustainable entrepreneurship. You will learn about the entrepreneurship process and its challenges. You will get to know and discuss different opinions about possible solutions. You will learn about system thinking and the Positive Entrepreneurship Concept, ways to tackle the problem described above. And you will be challenged with specific problems, for which you will develop a sustainable business idea with your peers. Therefore, important topics are: • Different approaches to sustainability like Cradle-to-Cradle. • The Entrepreneurship and Design Thinking Process • The Concepts of Positive Entrepreneurship and System Thinking • The Great Reset and Beyond Growth Debate • Entrepreneurship tools like Value Proposition or Business Modelling and Online Collaboration Tools (to work together and get the things done!)		
Remarks	After some lectures at the beginning of the course (early November) you will start a group task with peers. Here you will take part in some online meetings for coaching and organize group meetings with your peers – where you use digital collaboration tools – on your own.		
Examination Dates	End of January 2021 (depending on the development of Covid-19) Group task: Development and presentation of a) a value proposition with a user story and b) a pitch deck with a business model concept. Individual task: write a short essay with two parts: 1) reflect on the business model of your group and its contribution to a sustainable future. 2) reflect on your role in the entrepreneurial process of your group.		

4.2 Study Area: Culture and History

Muslim Women in Digital Culture: Dress, Body, Identity			
Course Number	00LE62S-LAS-CH0051	Teaching Period	Semester
Study Area(s)	Culture and History, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Sociocultural Anthropology or Area Studies Advanced C&H I or II		
Module(s) StuPo 2015	Sociocultural Anthropology or Area Studies Advanced C&H I, II, or III Elective module (Joker)		
Module(s) StuPo 2020	Culture: Peoples and Practices Culture and History I, II, or III		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr Fatma Sagir (fatma.sagir@kaee.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Mon, 10-12h Wed, 10-12h		
Course Description	Young Muslims, and among them particularly Muslim women, face on one hand globally many challenges from within their own Muslim communities and on the other hand from either a Western context or a global image of Islam, that is overwhelmingly negative, whilst negotiating identity, religion and lifestyle. A Muslim woman's body has been often ‘used‘ as a ‘space‘ for discussion and negotiation about Islam's modernity per se and as a ‘forum‘ to claim sovereignty for Muslim culture. Global controversy, such as in the case of France’s ‘Burkini‘ ban, demonstrates this vividly. Muslim women in digital culture, particularly female bloggers and influencers. challenge this understanding through their bodily, spatial and sartorial practices. Objectives: The aim of this course is to look into the topics of Muslim women and their sartorial, bodily, spatial and other practices in digital culture (here: influencers and bloggers). In doing so, this course seeks to explore topics such as the portrayal of Muslim women in established media and their role in social media, and, furthermore, the negotiation of religion, tradition and identity within this realm. The focus of this course will be mainly, but not exclusively, on Muslim women in a ‘Western‘ context, in digital culture. Our theoretical and analytical frames of reference will be predominantly, but not exclusively, depending on your research topic, within religious studies, gender and media studies. Students will be introduced to theoretical ideas that can be used as analytical tools and will be helpful in understanding and analysing their research fields. This seminar demands not only reading and discussion, but also on presenting your research, for example, through presentation, analysis of youtube and instagram accounts. You may want to choose a format such as a podcast, audiocast, video, or slide presentation. Interviews with influencer/blogger, portrayals etc are also a good way of presenting your research.		
Examination Dates	14.2.2021		

Political Pedagogues: German Intellectual Culture Around 1800			
Course Number	00LE62S-LAS-CH00032	Teaching Period	Semester
Study Area(s)	Culture and History, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Culture and History Since the Early Modern Period Advanced C&H I or II, Specialization Option: Culture, Specialization Option: History		
Module(s) StuPo 2015	Culture and History Since the Early Modern Period Advanced C&H I, II, or III, Specialization Option C&H I or II Elective module (Joker)		
Module(s) StuPo 2020	History: Modern or Contemporary Culture and History I, II, or III Specialization Option Culture and History I or II Senior Profile: Culture and History		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr. Ryan Plumley (ryan.plumley@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Tue, 10-12h Thu. 10-12h		
Course Description	German philosopher J.G. Fichte claimed that philosophers should guide mankind toward their destiny as free beings. His contemporary Friedrich Schiller argued that art should educate mankind. And Friedrich Schlegel claimed that philosophy and art must be merged by the collective effort of an educated elite. These are just three positions in the urgent debate about modern intellectual culture that emerged out of the explosion of cultural activity—including philosophy, literature, theater, painting, and music—that took place in Germany in the final decades of the eighteenth century. Because of the pervasive sense that older forms of social, cultural, and political life were being eroded by an emerging “modern” world, German thinkers and artists tried to re-imagine and re-invent their role in society and the role of their work in transforming their communities and cultures. We will engage with their work as an entree into some of the most important problems facing the intellectual culture of the modern West. Readings will be centered around German Romanticism and will include works from Kant, Schiller, Fichte, Schleiermacher, Schlegel, Novalis, and E.T.A. Hoffmann. We will also spend some time with music and visual art, and work with relevant secondary literature. Students taking this course as a “Specialization Option” Module have different graded work, additional reading, and possibly additional class sessions.		
Examination Dates	14.2.2021		

(Post-)Colonial Histories at the Museum			
Course Number	00LE62S-LAS-CH0058	Teaching Period	Semester
Study Area(s)	Culture and History, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	12
Module(s) StuPo 2012	Specialization Option: Culture Specialization Option: History		
Module(s) StuPo 2015	Specialization Option Culture and History I or II Elective module (Joker)		
Module(s) StuPo 2020	Specialization Option Culture and History I or II Senior Profile: Culture and History		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Carl Deussen (carl.deussen@stadt-koeln.de) Annika Roes (annika-roes@posteo.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Mon, 18-20h Wed, 18-20h		
Course Description	In recent years, calls to decolonize public institutions like museums and universities have grown louder and after a century of strategic denial, German society is starting to face its colonial past. In response to this growing demand, three of Freiburg's museums have decided to collaborate on the first major exhibition on the city's colonial legacy. This course offers students the opportunity to curate a section of this forthcoming exhibition titled "Freiburg und Kolonialismus: Gestern? Heute!" (Freiburg and colonialism: Yesterday? Today!). Students will familiarize themselves with core issues of post-colonial theory and explore a specific case study taken from German colonial history. Departing from this, in small groups, they will engage with one of the museums' collections and, by developing the presentation of their object(s), tell their own story around Freiburg's post-colonial entanglements. The seminar will include a session with the exhibition's curator and, for students who reside in Freiburg, a visit to the exhibition spaces as well as a further excursion to another museum.		
Remarks	Due to the exhibition's schedule, students will need to have their projects (exhibition materials) finished by mid-January. The final graded portfolio will be due at the end of the semester. Students may encounter German language material during their research, therefore German proficiency is an advantage, but not an essential requirement for this course. Dates of excursions to museums TBA.		
Examination Dates	14.2.2021 (project work due earlier)		

Space, People, and Power in the Roman Borderlands			
Course Number	00LE62S-LAS-CH0057	Teaching Period	Semester
Study Area(s)	Culture and History, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Culture and History Up to the Early Modern Period Advanced C&H I or II		
Module(s) StuPo 2015	Culture and History Up to the Early Modern Period Advanced C&H I, II, or III Elective module (Joker)		
Module(s) StuPo 2020	History: Ancient, Medieval, or Early Modern Culture and History I, II, or III		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr. Lara Fabian (l.fabian@geschichte.uni-freiburg.de) Dr. Eli Weaverdyck (eli.weaverdyck@geschichte.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Tue, 12-14h Thu, 12-14h		
Course Description	Today, the edges of the Roman Empire are easy to find on historical maps. Clear lines follow rivers and deserts, dividing 'civilized' space where people wear togas and read Cicero from the wild lands of 'barbarians.' But maps like this are only one way to describe ancient spaces, and cartographic representations encourage us to think of space in terms of territories and borders. What if we thought in terms of networks of connected nodes, or of people who move and intermingle? How would this change the way we understand the Roman frontiers and the relations between individuals and groups that inhabited them? And how did the Romans themselves (and other people in the past) think about and represent space? This course examines the complexity of frontier zones in the Roman world by investigating the story of expansion and interaction in a selection of different borderlands. Using ancient literary accounts as well as archaeological remains, we will trace the long-term dynamics of cultural contact, change, and imperial control that 'created' the Roman borderlands, with a focus on the physical spaces where these processes unfolded. We will consider the role of maps in shaping our understanding of these developments in the present, and will explore new digital technologies that are expanding the possibilities of spatial representation for the future. Students will become familiar with several digital technologies for analyzing and understanding space, and explore how they can be applied to historical and humanistic inquiry.		
Examination Dates	14.2.2021		

The World as Sound			
Course Number	00LE62S-LAS-CH0056	Teaching Period	Semester
Study Area(s)	Culture and History, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Contemporary Art, Literature, Aesthetics, or Music Advanced C&H I or II		
Module(s) StuPo 2015	Art, Literature, Aesthetics, or Music Advanced C&H I, II, or III Elective module (Joker)		
Module(s) StuPo 2020	Culture: Arts Culture and History I, II, or III		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr. Johanna Gampe (johanna.gampe@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Mon, 16-18h Wed, 16-18h Presence Meetings: 02.11.2020, 16-18h, 27.01.2021, 16-18h,		
Course Description	“It's all for the eyes, nothing for the ears.” This dictum from 19th-century Parisian poet and rebel Charles Baudelaire is still valid: vision dominates our other senses and is considered our primary sense. Our world is flooded with information, the majority of which addresses us via our eyes. In this course, we will change our “perspective.” We will “look at” the world through sound and listening. We depart upon our journey with physics and audio engineering, move on to audio perception and psychoacoustics, and then explore artistic, cultural and job-related aspects of sound. On the practical side, we will learn to produce our own sonic creations by means of simple audio tools and equipment. Genres tackled will include: soundscapes, audio dramas, musical composition, sound installation and audio augmented realities. Special emphasis will be placed upon both spatial and interactive sound as utilized for instance in video games. In summary, we will practice both academic and practical methods, aiming for advanced media competence.		
Remarks	Equipment: A laptop is needed where free audio software (Oceanaudio tbc) needs to be installed. Students also need to bring their headphones and their smartphones, the latter equipped with a simple recording function.		
Examination Dates	14.2.2021		

4.3 Study Area: Earth and Environmental Sciences / Environmental and Sustainability Sciences

Environmental Chemistry			
Course Number	00LE62S-LAS-EE0010	Teaching Period	semester
Study Area(s)	EES/ESS, Electives for other majors only	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Chemistry		
Module(s) StuPo 2015	Chemistry		
Module(s) StuPo 2020	Environmental Chemistry		
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Jan Oechsler (jan.oechsler@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Mon, 18-20h Wed, 18-20h		
Course Description	In this course students will be introduced to chemistry in general and get an outlook on some applications such as regenerative enegery sources and environmental chemistry. To understand these concepts basic knowledge of chemistry is needed. This course will be split into three parts. In the first part the basics of chemistry will be discussed. It will serve as an introduction to the concepts of atoms, molecules, acidity, redox reactions and basic electro chemistry. Basic ideas of thermodynamics, kinetics and quantum mechanics will be discussed. The second part of this course will focus on some applications of chemistry regarding environmental topics: solar cells / LEDs, fuel cells and batteries. The third part of this course will focus on the topic of environmental chemistry. The students will take a closer look on a few biogeochemical cycles and our impact on these. Upon successful completion of this module, you should be able to: 1) Describe the basic electronic and structural features of molecules (nature of chemical bonds; three-dimensional structures; chirality). 2) Set up and complete chemical equations (stoichiometry; acids and bases; oxidants and reductants; transfer of protons and electrons). 3) Understand elementary thermodynamic (heat) and kinetic (velocity) aspects of chemical reactions. 4) Understand the basic working principles of a solar cell, fuel cell and a battery. 5) Apply the principles of reactivity and equilibrium to certain biogeochemical cycles. 6) Present/discuss a selected topic and write a paper (short publication).		
Remarks	Students majoring in Earth and Environmental Sciences have priority		

4.4 Study Area: Governance

Coups d'Etat, Revolts and Revolutions in the Middle East			
Course Number	00LE62S-LAS-GO0060	Teaching Period	Semester
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	17
Module(s) StuPo 2012	Specialization Option: Law, Politics, Administration		
Module(s) StuPo 2015	Specialization Option Governance I or II		
Prerequisites	Introduction to Governance, Comparative Politics		
Instructor(s)	Dr. Olmo Gölz (olmo.goelz@orient.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Wed, 12-14h Fri, 12-14h		
Course Description	Coups, revolts, and revolutions have a long history in the Middle East. However, the orientalist image of historically immature and passive societies prevails - societies in which as part of the revolutionary processes the people would suddenly rebel (though mostly unsuccessfully) against authoritarianism, arbitrariness, and injustice. In contrast to this simplistic view, this seminar aims to examine the complex and intertwining history and ideological depth of revolutionary movements in the Middle East. By the same token, the movements and events will be theorized, and classical theories of revolution and social movements will be enriched by a discussion of postcolonial configurations. For example, is it possible to frame a movement which calls itself an "Islamic Revolution" with the classical paradigms of Marxist revolutionary theory? What place does the spiritual and charismatic find in Foucault's theory on power? Do we need a theory of revolution in the Middle East? The coups, revolts, and revolutions seen in the course of the 20th and 21st centuries reflected the struggles of the region's peoples with the post-colonial world order, with imperialist ambitions of foreign powers, as well as with authoritarian leadership - which was often implemented on the basis of revolutionary processes or indeed as a reaction to these processes. For example, the Islamic Revolution in Iran in 1979 cannot be told without the story of the coup d'état of 1953 - a coup supported by the U.S. which was ultimately carried out to pre-empt a feared Soviet-friendly communist revolution in Iran, and which brought to power the regime which was later toppled by the Islamist movement under the leadership of Ayatollah Khomeini. The example of the epochal Islamic Revolution thus shows, on the one hand, how the revolutionary uprisings within Iran are interwoven and, on the other, that the history of these movements can only be explained in a global historical framework. The same can be said about the recent uprisings of the Arab Spring, in which authoritarian but formerly revolutionary regimes were overthrown, whereas counter-revolutionary movements finally asserted themselves - as is the case in Egypt, which has now become a military dictatorship. The course aims to combine two strands of research, namely (a) the Middle East studies on the history of political uprisings in the region and (b) the social science studies on social movements, revolutionary theories, mass mobilisation, and contentious politics. In discussing historical causes of resistance movements and governmental reactions since WWII, the seminar will focus on societal dynamics and changes in the Middle East and their interaction with the post-colonial and imperial world order as well as on the challenges of the post-colonial uprisings for classical revolutionary theory.			

Examination Dates	Pass / fail: Reading, participation, presentation. Graded: mid-term book review, short final essay. Final examination date: 28.2.21
Recommended Reading	Kurzman, Charles, The Unthinkable Revolution in Iran. Harvard University Press, 2004. Goldstone, Jack A., Revolutions: A Very Short Introduction. Oxford, New York: Oxford University Press, 2014.

European Union			
Course Number	00LE62S-LAS-GO0009	Teaching Period	Semester
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	18
Module(s) StuPo 2015	Regional Governance		
Prerequisites	Introduction to Governance		
Instructor(s)	Dr. Stoyan Panov (stoyan.panov@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Mon, 16-18h Wed, 16-18h		
Course Description	The course focuses on contemporary challenges that the European Union is facing and will offer an overview of the competences of the EU and current developments in the Area of Freedom, Security and Justice and the Schengen Area with respect to migration policies, among others. Some of the questions we will adress: How do the EU institutions such as the Commission, the Council, the European Council, and the European Parliament function and make policies? What happens when there is a conflict between the EU institutions as regards their competences to regulate policy areas? Is there an alleged democratic deficit of the EU institutions? How is the work of the EU perceived on global, European and local levels? Is the EU a harbinger in data privacy protection on international level? Will there be an EU of “two speeds”? What is the chance of further enlargement of the EU in the Western Balkans, Ukraine, or Turkey in light of the recent rise of populist parties in the EU? How has the EU responded to the COVID-19 public health emergency? What is the role of the EU in responding to climate change? The course will be highly interactive and will divide students into small groups to prepare short analytical presentations or written outlines on various sources covering course topics. We may organise simulations of the proceedings in EU institutions.		
Examination Dates	It is possible to complete the examination requirements of this course online. Form of assessment: The final grade will be based on analytical or research paper(s)/ policy paper(s), and/or presentation(s). Final component of the examination will be due on 8 February 2021.		
Recommended Reading	For an overview of EU policies: "Europe in 12 Lessons" (https://op.europa.eu/en/publication-detail/-/publication/a5ba73c6-3c6a-11e8-b5fe-01aa75ed71a1).		

	For the latest news from Brussels and current events and developments in the EU, you can check the free-access Politico (www.politico.eu) as well as the daily newsletter Brussels Playbook. Another publication that offers insights from Brussels is The EU Observer (https://euobserver.com/). An introductory academic text on the topic of the functioning of the EU: D. Kenealy, J. Peterson, and R. Corbett, The European Union: How Does It Work? (OUP, 5th edition)

Global Challenges			
Course Number	00LE62S-LAS-GO0061	Teaching Period	Semester
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	18
Module(s) StuPo 2012	Advanced Governance I or II		
Module(s) StuPo 2015	Advanced Governance I or II		
Prerequisites	Introduction to Governance		
Instructor(s)	Ermelinda Kanushi (kanushi.ermelinda@gmail.com)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Mon, 10-12h Wed, 10-12h		
Course Description	As we live within the confinement of our countries' borders we pay more attention to our daily national issues rather than to issues happening elsewhere. But what if the issues happening out of our national border affect us too? As humans we share more than just the same earth, we also share the same problems. What are some of the issues affecting humanity? Can we resolve global problems within our national borders or do we need an international response? What are some realistic scenarios of solutions to resolve these issues? Global Issue is an innovative interactive course aiming to familiarize prospective students with the major challenges of today's world. The aim of the course is to enable students to design possible solutions to some of our major global issues such as : poverty, income inequality, demographic issues, gender inequality, infringement of human rights, child abuse, climate change, environmental problems, health issues/pandemics, over-consumption, corruption, lack of access to education, water crisis and many more. At the end of the course, the students will acquire knowledge of 21stcentury global issues and design ways to resolve them. The course will be organized as a live seminar, where each student will be able to present a topic and answer questions from their peers. It will have PBL elements and small group work.		
Remarks	We wish to have a mix of second-years and senior students in this course.		
Examination Dates	Participation, ptresentation, written report. Final examination date: 28.2.2021		

Recommended Reading	Kristen A. Hite, John L. Seitz (2015) 'Global Issues: An Introduction' 5th Edition, Wiley Blackwell Publications. Fedorak Shirley A. (2013) ' Global Issues: A Cross-Cultural Perspective', University of Toronto Publications.

Happiness			
Course Number	00LE62S-LAS-GO0062	Teaching Period	Semester
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	18
Module(s) StuPo 2012	Specialization Option: Law, Politics, Administration		
Module(s) StuPo 2015	Specialization Option Governance I or II		
Prerequisites	Introduction to Governance and Political Theory		
Instructor(s)	Dr. Yonatan Nissim Gez (yonatan.gez@graduateinstitute.ch)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Tue, 14-18h		
Course Description	The quest for happiness, it is widely held, is a central pillar of human life. And yet, despite this centrality, the concept of happiness often remains elusive. Indeed, despite a long history of philosophical and religious debates on the subject, it is only in recent years that academics from a range of disciplines began tackling happiness as a legitimate field of inquiry. At the same time, in the international development sector, conceptions of happiness and well-being have been increasingly touted as a comprehensive response to traditional reliance on strictly economic development indicators. In this course, we will consider a variety of approaches to the concept of happiness and discuss their implications for societies in the global South and the global North. We will employ a range of approaches, with core focus on international development and social anthropology. More broadly, we will raise questions regarding well-being, self-accomplishment, success, and 'the good life' across cultures, and ask what happens when such attainments cannot be achieved. On the margin of our journey, we will draw on lessons from positive psychology experts, philosophers, and cultural critics in order to better understand happiness in our immediate environment and personal lives. • What is happiness? Is it a universal, cultural, or purely subjective category? • What are the implications of approaching international development through the prism of happiness as opposed to purely economic indicators? • Is there such a thing as a right to happiness, and if so, how do we ensure the greater amount of happiness for the largest number of people? • To what extent is happiness associated with meeting social categories of success and respectability? What happens when people fail to meet such social expectations? Course structure: Seminar + self-organized work in small groups.		
Examination Dates	Pass/fail requirements: readings, active participation, short written assignments. Graded: 20% attendance and participation; 30% course papers; 15% presentation of final paper; 35% final paper. Final examination date: 28.2.2021		

International Law: Principles and Practice			
Course Number	00LE62S-LAS-GO0008	Teaching Period	Semester
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	16
Module(s) StuPo 2012	Advanced Governance III		
Module(s) StuPo 2015	Advanced Governance III		
Module(s) StuPo 2020	none		
Prerequisites	Introduction to Governance, Principles of Law		
Instructor(s)	Dr. Stoyan Panov (stoyan.panov@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Mon, 10-12h Wed, 10-12h		
Course Description	This course is an introduction to International Law. It gives the students an understanding of the way international actors coexist, interact and make law and mastery of the principles governing international legal relations. International Law is traditionally the law between states, but the course also covers a more diverse group of actors in the international legal order. Some of the fundamental questions discussed in the course are: Who creates International Law? Does International Law work? What are the consequences of breaches of International Law? What entities can be considered States? In what circumstances can States resort to use of force? Why do we have International Human Rights Law and do States have the responsibility to protect human rights beyond their borders? Essential topics of International Law such as the identification and function of actors in the international legal order (States, Statehood, International Organizations), the creation of international law (Sources of International Law such as treaties, custom, and general principles), and the consequences of breaches of International Law (State Responsibility & International Dispute Settlement Mechanisms) are analyzed. The course also focuses on the particular role of individuals in International Law (Human Rights), the legal aspects of the threat or use of force, law enforcement mechanisms against terrorism, international environmental law in times of climate change, and the prohibition of torture. Relevant current events will be discussed on regular basis. In order to appropriately examine the topics of international law, the material includes general introduction to fundamental techniques and methods of legal research and interpretation. The course touches on understanding the process of assigning meaning to texts such as defining what legal terms mean and determining rights and obligations. Students will analyze the logic, structure, applicability, and language of legal methods of interpretation. An overview of the object of interpretation of legal texts, specifically in international law, is provided.		
Remarks	The course is planned to begin on 21.10 or 26.10.2020. It is possible to complete the examination requirements of the course online.		
Examination Dates	Written assignments, research paper/research design analysis, case note, and/or presentations. Last component of the PL grade due on 10 February 2021.		
Recommended Reading	M. Evans (ed.) International Law, 4th edition, Oxford University Press.		

Introduction to Western Political Theory			
Course Number	00LE62S-LAS-GO0013	Teaching Period	Semester
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 2 (3-4)	Max. Enrollment	20
Module(s) StuPo 2015	Theoretical and Philosophical Foundations of Social Sciences		
Module(s) StuPo 2020	none		
Prerequisites	Introduction to Governance		
Instructor(s)	Dr. Elina Sannehag (elina.sannehag@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	21.10.-12.2. Online Seminar: Wed, 12-14h Fri, 12-14h		
Course Description	Should there be limits to free speech? Is affirmative action good for equality? Is progressive taxation fair? Come and debate these and similar question during the WS in the course Introduction to Western Political Theory. In this course, we will study some core ideas of Western political theory, and get familiar with the work of the brightest minds of the Western political thought. The aim of the course is to discuss politically controversial topics, and approach these from different theoretical perspectives. This course uses problem based learning as a method of instruction. In other words, the students are expected to discuss the course material intensively and actively in groups of 4-5 students.		
Remarks	All course meetings take place in a synchronous format in Zoom. Second-year students have priority in this course. The course does not admit exchange students.		
Examination Dates	Three reading diaries as pass/fail assignments;, one reflective paper, and two essays. Deadline for the final paper: 26.2.2020		
Recommended Reading	Mill, John Stuart. 1859. On Liberty. Marx, Karl, and Friedrich Engels. 1848. Manifesto of the Communist Party. Pope Leo XIII (1891): Rerum Novarum		

Politics of Privacy and Surveillance			
Course Number	00LE62S-LAS-GO0063	Teaching Period	Semester
Study Area(s)	Governance	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	18
Module(s) StuPo 2012	Advanced Governance I or II, Specialization Option: Law, Politics, Administration		
Module(s) StuPo 2015	Advanced Governance I or II, Specialization Option Governance I or II		
Prerequisites	Introduction to Governance		
Instructor(s)	PD Dr. Elisa Orru (elisa.orru@philosophie.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Mon, 14-16h Thu, 14-16h		
Course Description	The protection of privacy is a key aspect of contemporary governance, at least as much as surveillance practices are spreading up into almost all aspects of our life. During the course we will explore the meaning and dimensions of privacy, its significance for political life and the consequences of the lack or deprivation of privacy. We will also consider contemporary EU regulations to protect privacy (especially the General Data Protection Regulation), as well as current EU practices of surveillance. The course will develop around the following thematic clusters: 1. The meaning of privacy. We will explore the roots of the concept of privacy in modern political thought, as well as the contemporary debate on the meaning of privacy. 2. Privacy and governance. This part will focus on the importance of privacy for democracy, including the relationship between privacy and autonomy, free speech and freedom of information. 3. Surveillance. In this part we will move the focus to mechanisms of surveillance and self-surveillance as well as explore their use as techniques of government. 4. Total domination: the negation of the private. We will consider the deprivation of privacy as a key aspect of totalitarian power, but also as connected to dysfunctions of democratic regimes. 5. Politics of privacy and current surveillance practices in the EU. This part will consider current EU legislation and practices both in the domain of privacy protection and of surveillance. A few sessions will be entirely dedicated to discuss topics chosen by students. In addition to classical academic readings, moreover, we will use dystopian novels as a way of questioning what appears us to be obvious, necessary, universal or naturally given in our way of understanding privacy and surveillance. This will allow us to gain a critical distance on our own understandings of privacy and surveillance as well as on current debates and practices. Pass/ fail requirements: active and regular attendance to classes, preparation of the readings beforehand and small oral and/or written assignments during the course.		
Remarks	This course wil also be open to philosophy students from the University. 2nd year students should take this course for the module Advanced Governance I or II.		
Examination Dates	Advanced Governance I and II: a graded presentation (30%) and a final paper of 3.000 words (70%). Specialization Option I and II: a graded presentation (25%), a feedback on another presentation (10%) and a final paper of 3.500-4.500 words (65%)		

Recommended Reading	Preparatory reading (please read before the first session): Foucault, Michel. “What is Enlightenment?” In: The Foucault Reader, by P. Rabinow, 32-50. Pantheon Books, 1984.

4.5 Study Area: Life Science

Anatomy and Functions of the Brain (Das Gehirn - Ein Mal- und Bastelkurs)			
Course Number	00LE62S-LAS-LS0007	Teaching Period	Semester
Study Area(s)	Life Sciences, Electives	Credit Points	6
Open to Students	Year(s) 2-4 (not open to non-LAS students)	Max. Enrollment	20
Module(s) StuPo 2012	Advanced Life Sciences I or II Elective module (Joker)		
Module(s) StuPo 2015	Advanced Life Sciences I, II or III Elective module (Joker)		
Prerequisites	Introduction to Life Sciences		
Instructor(s)	Dr. Janina Kirsch (janina.kirsch@biologie.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Self-paced Online Seminar		
Course Description	This course will be taught in German and entirely online. Content will be delivered through recorded videos and a script. For each topic students complete learning units in ILIAS and students model the brain structures at home using plasticine (yes, your hands will get dirty!). These plasticine models will help you to understand the relative location of different parts o f the brain. In this course different components of the vertebrate brain and associated functions are presented one by one. In particular these are: • General structure of the vertebrate brain • Spinal cord • Medulla oblongata • Cerebellum • Midbrain • Thalamus • Hypothalamus • Basal ganglia • Limbic system • Cerebral cortex		
Remarks	The course will be taught in German! You will be able to pick up the plasticine at UCF shortly before the course starts or have it sent to you.		
Examination Dates	Online exam during the last week of the course.		
Recommended Reading	The script of the course along with two SOMSO models of the human brain are available in the reading room.		

Critical Neuroscience: The Science, Ethics and Politics of the Human Mind and Brain.			
Course Number	00LE62S-LAS-LS0031	Teaching Period	Semester
Study Area(s)	Life Sciences, Electives	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	15
Module(s) StuPo 2012	Advanced Life Sciences I or II, Specialization Option I or II		
Module(s) StuPo 2015	Advanced Life Sciences I, II or III, Specialization Option I or II Elective module (Joker)		
Prerequisites	Introduction to Life Sciences, Anatomy and Function of the Brain (or another introductory neuroscience course)		
Instructor(s)	Dr. Philipp Kellmeyer (philipp.kellmeyer@uniklinik-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Live: Mon, 10-12h Self-Study: Wed, 10-12h		
Course Description	Neuroscience, the scientific study of the structure and function of nervous systems, has made tremendous progress in furthering our understanding of structures and functions in the human brain at the level of cells, biological signaling as well as neural networks. A comprehensive and unifying theory of common cognitive functions (such as speech and language or memory), affective processes or consciousness, however, remains elusive. This mismatch is grounded in both fundamental limits of our ability to observe and measure brain functions at various scales and the conceptual foundations and empirical models for explaining these data. In this course, we will critically examine the ethical tensions and sociopolitical challenges that arise when, despite these difficulties in understanding the nature of the human brain and its functions, neuroscientific explanations and models are used for justifying interventions in the human brain, e.g. in a medical context. To this end we will, among other topics, (a) analyze some landmark historical models and case studies of early psychology / neuroscience and translational clinical neuroscience, such as phrenology, frontal lobotomy for the treatment of schizophrenia and others, (b) examine the application of neuroscientific models in the legal system, e.g. brain dysfunction / disease as a mitigating factor in criminal sentencing; (c) analyze the history of the use (and instrumentalization) of neuroscience as a explanatory framework for justifying racial stereotypes and gender discrimination; (d) examine the impact of the replication crisis in science on the validity and explanatory power of neuroscientific models of human behavior. For being able to effectively participate in the course, some previous coursework / documented knowledge on the basic structure and functions of the human brain is essential.		
Examination Dates	Regular participation, student presentation during the course and a final essay (5000-7000 words) due on March 5, 2021		
Recommended Reading	Cobb (2020) The Idea of the Brain: The Past and Future of Neuroscience . Basic Books Silberman (2016) NeuroTribes: The Legacy of Autism and How to Think Smarter About People Who Think. Atlantic Books		

Human Physiology			
Course Number	00LE62S-LAS-LS0010	Teaching Period	Semester
Study Area(s)	Life Sciences, Electives for other majors only	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	20
Module(s) StuPo 2012	Physiology		
Module(s) StuPo 2015	Physiology		
Prerequisites	Introduction to Life Sciences, Cell Biology and Biochemistry		
Instructor(s)	Dr. Daniel Steinbrenner (steinbrennerdaniel@gmail.com)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Mo 16-18 We 16-18		
Course Description	Why is it so hard to get up in the morning? And why do some people grow dizzy after doing so? Why do I get sleepy after eating? And why do I get fat when eating too much? Why am I thirsty after a night of drinking? How am I still not sick, despite the bad weather? And why do I not remember the first question? It is easy to overlook the marvelous functions our body performs routinely and, on a day-today basis, for decades. In this course we will analyze, discuss, and elaborate on the mechanisms, principles, and interactions underlying human life and its manifold functions, i.e. human physiology. Starting with the study of basic cell physiology, organelles, cellular functions and genetics, we will delve into germ cells and their development, embryonic development and continuing with coordination and cooperation of these cells within organs; liver, hearth and digestive system The course will also touch upon metabolism, respiratory chain, glycolysis and circadian rhythms. The course will include an individual presentation of the participants and practical interludes. Therefore, it will allow the students to actively contribute to the course contents and immediately experience key body functions first hand, respectively. Thus, we will answer all the aforementioned questions and many more.		
Recommended Reading	Silverthorn (2016) Human Physiology: An Integrated Approach (Reading Room: NT/Sil/1)		

4.6 Study Area: Multiple

Communicating as a Scientist			
Course Number	00LE62S-LAS-LS0030	Teaching Period	Semester
Study Area(s)	Life Sciences, EES / ESS, Electives	Credit Points	6
Open to Students	Year(s) (2), 3-4	Max. Enrollment	20
Module(s)	Elective module (Joker)		
Prerequisites	English for Academic Purposes		
Instructor(s)	Dr. William Teale (william.teale@biologie.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. (Mostly) Online Seminar: Mon, 18-20h, AU 01 036a (some presence will be possible) Wed, 18-20h		
Course Description	Students often find research papers difficult to read, and writing about their own experiments intimidating. Often having to do everything in a second language is blamed, but is rarely the problem. This course will de-mystify the scientific writing process, preparing students to read and write about science in English more confidently and efficiently. It is designed to follow the scientific process from learning about a research topic and forming a hypothesis to the formal presentation and discussion of results. The course has two main aims: 1. To teach how science is written: Science writing is fundamentally about communicating a message. This message is framed in a very formal way. Understanding the structure of how science is reported is the key to understanding the experiments which are being written about. We will focus on • identifying patterns of introduction, question/hypothesis, test, result and conclusion; • a good scientific writing style, practiced and reinforced through reconstructions of texts from example figures; • basics of good referencing will be addressed; • an overview of important databases and instruction in how to use them. 2. To introduce the basics of good writing: Good scientific writing needs clarity, accuracy and brevity. These attributes will be fostered by the introduction of such “low order” concerns as good sentence structure. Students’ writing issues will be identified on a one-to-one basis to remedy any problems which may exist. Here, we will focus on: • a very brief overview of English grammar and sentence structure; • identifying and fixing sentences which are ambiguous or difficult to read; • developing a good essay style, how to prioritize accuracy over readability and support arguments with solid referencing; • how to revise work; • specific problems with English, such as idiosyncrasies of punctuation; • How to give constructive feedback on each others’ texts. The course will increase reading speed, improve the quality of understanding when reading research papers, show how to find important information quickly, improve the accuracy, brevity and clarity of students’ written English whilst showing how to avoid common pitfalls, increase the value of revising manuscripts, introduce the publication process, and allow students to form data-derived conclusions.		
Examination Dates	Pass/fail only: attendance and participation.		

Environment Risks and Us			
Course Number	00LE62S-LAS-LSEE0002	Teaching Period	Semester
Study Area(s)	EES / ESS, Life Sciences, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Human and Health, Specialization Option: EES I or II Advanced LS I, II or III Elective module (Joker)		
Module(s) StuPo 2015	Human and the Environment, Specialization Option: EES I or II Advanced Life Sciences I, II or III Elective module (Joker)		
Module(s) StuPo 2020	Human and the Environment I or II		
Prerequisites	Introduction to Earth and Environmental Sciences and/or Introduction to Life Sciences		
Instructor(s)	Prof. Dr. Dirk Bunke (d.bunke@oeko.de) Dipl.-Chem. Ismene Jäger (info@oekologischenetze.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Mon, 16-18h Wed, 16-18h		
Course Description	In this course students explore the manifold impacts of human activities on the environment and resulting risks – for human health as well as for the environment. The course aims to create an understanding of present sources for environmental pollution, alternative options to act as well on regulatory and voluntary steps for abatement. Based on examples from everyday life products, several groups of pollutants and their sources will be introduced. Examples are given to show the environmental fate of chemicals and mechanisms how chemicals can interfere with organisms. . In addition, students develop basic skills in environmental risk assessment and management strategies. The course will include topics such as properties of eco-labels, assessment of chemicals e.g. chemicals in products from your everyday life, ecotoxicology, assessment of contaminants in surface/drinking waters and their effects on human health, environmental pollutants and their effect on animals, their regulation and their substitution. The course also includes 2 excursions and several practical examples.		
Remarks	Excursion on Friday possible.		

Geographic Information Systems (GIS)			
Course Number	00LE62S-LAS-GOLSEE0001	Teaching Period	Semester
Study Area(s)	EES / ESS, Governance, Culture and History, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Specialization Option: Culture, Specialization Option: History, Quantitative and Qualitative Methods (Governance) Specialization Option: EES I or II		
Module(s) StuPo 2015	Specialization Option: Culture and History I or II Quantitative and Qualitative Methods (Governance) Specialization Option: EES I or II, Analytical Methods Elective module (Joker)		
Module(s) StuPo 2020	Specialization Culture and History I or II Senior Profile: Culture and History Specialization Option: ESS I or II, Methods I or II		
Prerequisites	none		
Instructor(s)	Dr. Steffen Vogt (steffen.vogt@geographie.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Project Work, Online Seminar Tue, 8-14h Thu, 8-14h		
Course Description	Geographic Information Systems (GIS) refer to the collection, analysis, storage and display of data which have a spatial reference to the Earth. Geographic Information Systems have broad applications in natural and social sciences, humanities, environmental studies, engineering, and management. Examples include wildlife habitat studies, urban and regional planning, agriculture and forestry, environmental impact assessment, crime prevention, consumer and competitor analysis, and many more. Integrated into web applications, GIS is also used increasingly to display, structure and communicate information and data to the general public (e.g. FreiGIS http://www.freiburg.de/pb/,Lde/432515.html). This course introduces the concepts and components of a GIS and teaches some essential skills of operating a functional GIS through the use of the ArcGIS software package. After providing the basic operational skills, the course will deal with selected cases of GIS application in different disciplines. By completing this course, students will understand the characteristics of spatial data, operational processes of creating and editing spatial data, integration of available spatial data and the relevance of metadata, spatial query and display, and some simple spatial analysis and modeling techniques. In a self-dependent supervised study project duringe Block I and whole Block II after the intensive course students will practice the interpretation of spatial information. “Though GIS is excellent at finding patterns and apparent relationships, the human brain is also a key element in the final product which, as so often, takes the form of words” (Gregory et al. 2009, Environmental Sciences). The course starts with a intensive course in Block I, followed by a independent study project. This course is highly recommended for students who intend to specialize or master in disciplines of the above-mentioned fields, especially Earth & Environmental Sciences - and Governance students.		
Remarks	Students majoring in Earth and Environmental Sciences have priority.		

Journalism			
Course Number	00LE62S-LAS-CHEEGO0001	Teaching Period	Semester
Study Area(s)	Culture and History, EES /ESS, Governance, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Specialization Option: Culture, Specialization Option: History Specialization Option EES I or II Advanced Governance I or II		
Module(s) StuPo 2015	Specialization Option C&H I or II Specialization Option EES I or II Advanced Governance I or II		
Module(s) StuPo 2020	Specialization: Culture and History I or II Senior Profile: Culture and History Specialization Option ESS I or II		
Prerequisites	Introduction to Culture and History, Introduction to Governance or Introduction to Earth and Environmental Sciences		
Instructor(s)	Prof. Dr. Sabine Rollberg (srollberg@t-online.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar/Project Work: Mon, 16-18h Wed, 16-18h		
Course Description	Independent investigative journalism has never been more important than today, when the world is more and more complex. Yet the threats against it are widespread: demonstrations target the “media” as enemy, authoritarian regimes and repressive laws target so-called “fake news,” and the erosion of traditional media business models makes it difficult to finance independent journalists. This course pushes back against these trends by introducing a new generation into journalistic working, thinking, and writing. Students eager to test this professional world will learn to distinguish between academic language and journalistic language, will examine journalistic principles, will explore journalistic genres (political, cultural, science), and will practice production in different media (print, radio, TV, online). We start with basics like writing news and then explore other print forms like reporting, the portrait, etc. The final project will be a video “news magazine” as a group project with contributions from each student drawn from their research interests in whatever field (natural, social, or human sciences). The course includes training in camera and editing work in preparation for the final project. Experts from print, radio, and television working as investigative reporters, war journalists, or cultural experts will be invited to share their theoretical knowledge and practical experiences. Students will help prepare these visits and evaluate what they learn from journalism experts.		
Remarks	Some session may include German-speaking visitors, and basic German competence is recommended. However, no part of the grade will depend on German, and non-German-speakers are entirely welcome to participate. This course mixes seminar-style learning with project-based learning. The hands-on technical training and project completion work will take place outside of the regular schedule, and students should plan to spend significant time in January/February, 2021 completing the final project.		

Examination Dates	14.02.2021

Maths and Physics			
Course Number	00LE62VS-LAS-LSEE0003	Teaching Period	Semester
Study Area(s)	EES / ESS, Life Sciences, Electives for other majors	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	45
Module(s) StuPo 2012	Mathematics and Physics for the Liberal Arts and Sciences		
Module(s) StuPo 2015	Mathematics and Physics for the Liberal Arts and Sciences		
Module(s) StuPo 2020	Mathematics for the Sciences		
Prerequisites	Introduction to Earth and Environmental Sciences and/or Introduction to Life Sciences		
Instructor(s)	Dr. Benoit Louvel (benoit.louvel@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	19.10.-12.2. Online Seminar (voluntary): Mon, 8-10h Wed, 8-10h Tutorial (voluntary): Thu, 16-18h Fri, 12-14h		
Course Description	In this course, Mathematics will be introduced from two points of view: Mathematics as a natural tool in Science, and Mathematics in the context of Number Theory. The first part of the course will present Mathematics as a necessary tool in the formalism of any scientific approach. In the second part, basic concepts of Classical Mechanics necessary for the understanding of nature will be introduced as an application of the first part. In the third part, fundamental concepts in Number Theory - from ancient maths to most challenging problems not yet resolved - will be addressed in order to put the student in contact with the abstraction of pure Mathematics.		
Remarks	Students majoring in Earth and Environmental Sciences (or ESS) or Life Sciences have priority.		
Examination	Students will have to submit weekly exercises to pass the course.		

Natural Resource Policy and Environmental Governance Studies			
Course Number	00LE62S-LAS-GOEE0011	Teaching Period	semester
Study Area(s)	EES / ESS, Governance	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	20
Module(s) StuPo 2012	Specialization Option: EES I or II		
Module(s) StuPo 2015	Human and the Environment, Analytical Methods, Specialization Option: EES I or II Specialization Option Governance I and II, Advanced Governance III Elective module (Joker)		
Prerequisites	Introduction to Governance and Introduction to Earth and Environmental Sciences		
Instructor(s)	Dr. Metodi Sotirov and Eulalia Baulenas Serra (eulalia.baulenas@ifp.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Mon, 8-10h Wed, 8-10h		
Course Description	This course is aimed at students with an interest in the political and social sciences of sustainable natural resource management and environmental protection at global, supranational, national and local levels.It will start with an overview of grand and middle-range theories and concepts developed to analyse, understand and explain policy-making processes, regulatory governance, state-non state interactions and policy outcomes. Specifically, the theoretical lenses will be applied to and illustrated as regards to topics and case studies that will cover a range of substantive issues such as forestry, water management, biodiversity conservation, climate protection, agriculture and rural development, as well as other related policy and socioeconomic domains. In a next step, the course will focus on research design and methodology in the social and political sciences aimed to link the theories to empirical investigations. In particular, the course will identify and address research design and methods for data collection and data analysis that can be used to answer the research questions, which the students will formulate during the course in groups. A wide-range of qualitative and quantitative methodological approaches will be presented, applied and discussed. Qualitative methods of social and political science inquiry will include expert/key informants/stakeholder interviews, group discussions/interviews, participatory observations, and qualitative content analysis of documents and coding with MAXQDA. Quantitative methods will include social and discourse network analysis and the development and analysis of quantitative surveys with R. Mixed-methods will cover qualitative comparative analysis and scenario building/foresight/forecasting. The students will be assigned to a group dealing with a particular theory and applying an appropriate method based on their preferences and needs. Also, this will be determined by the theory and research design (explanatory hypothesis-testing vs. exploratory hypothesis generation vs. mixed designs) they would like to test, as part of the examination of the module. The expected course outcomes: • Acquire knowledge about most prominent theoretical lenses in social and political sciences and further develop the basic understanding of the use of theory in science, policy and practice. • Build a sound knowledge of and develop a good command of research design and application of methods for a better understanding of land use policy and environmental governance phenomena. • Understand how research is performed in the social and political sciences, specifically in terms of linking theory and methods in land use policy and environmental governance studies.		

Remarks	Students of the major EES / ESS have priority.
Recommended Reading	There will be obligatory and recommended reading. The material will be uploaded at the beginning of the course in ILIAS.

Quantitative Methods (using R)			
Course Number	00LE62S-LAS-GO0029	Teaching Period	Semester
Study Area(s)	EES / ESS, Governance, Life Sciences	Credit Points	6
Open to Students	Year(s) 2 (3-4)	Max. Enrollment	18
Module(s) StuPo 2012	Quantitative and Qualitative Methods		
Module(s) StuPo 2015	Quantitative and Qualitative Methods (Governance), Methods (Life Sciences) Elective module (Joker)		
Prerequisites	Introduction to Governance or Introduction to Life Sciences		
Instructor(s)	Dr. Elina Sannehag (elina.sannehag@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	20.10.-11.2. Online Seminar: Tue, 11-14h Thu, 12-14h		
Course Description	Do you need to read and understand quantitative papers in your courses? Or do you want to conduct some quantitative research of your own, for example, in your BA-thesis? Or perhaps you would like to critically examine the methodology of quantitative research papers, but don't know enough about quantitative methods to be able to do so? If your answer is yes to any of the above questions, then this is a course for you. In this course we learn about some of the most frequently employed quantitative methods in the field of social sciences. The course is divided into three parts. • In the first part of the course we discuss descriptive statistics, namely central tendencies and dispersion. In addition, we get (re)acquainted with the statistical software R. • In the second part of the course we study the relationship between two or more variables. In particular, we discuss measures of correlation and OLS-regression. In addition, we study statistical inference, and learn to read and understand regression tables in academic research papers. • In the third part of the course we learn to use logistic regression.		
Remarks	Both synchronous and asynchronous sessions are planned. Students in their 2nd year have priority.		
Examination Dates	Various written assignments. Deadline for the final paper: 19.2.2020		
Recommended Reading	Diez, David M., Christopher D. Barr and Mine Cetinkaya-Rundel (2016): OpenIntro Statistics Third Ediction. Freely available under a Creative Commons license at: https://www.openintro.org/index.php Hildebrandt, Achim, Sebastian Jäckle, Frieder Wolf ,Andreas Heindl (2015): Methodologie, Methoden, Forschungsdesign Ein Lehrbuch für fortgeschrittene Studierende der Politikwissenschaft. Springer VS.		

Reading Foucault			
Course Number	00LE62S-LAS-CHGO0007	Teaching Period	Semester
Study Area(s)	Culture and History, Governance, Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20
Module(s) StuPo 2012	Advanced Culture and History I or II Specialization Option: Law, Politics, Administration		
Module(s) StuPo 2015	Philosophy Advanced Culture and History I, II, or III Specialization Option Governance I or II Elective module (Joker)		
Module(s) StuPo 2020	Philosophy Culture and History I, II, or III		
Prerequisites	Introduction to Culture and History		
Instructor(s)	PD Dr. Oliver Schlaudt (oliver.schlaudt@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar: Mon, 8-10h Wed, 8-10h		
Course Description	Michel Foucault (1926-1984), who probably understood himself most readily as a historian, has not lost any of his influence even more than thirty years after his death. He is omnipresent today - but in the most varied guises: as a moral historian, an archaeologist of knowledge, a philosopher, a discourse analyst, a political thinker, a critic (or representative?) of neoliberalism, and so on. How does all this fit together, and what is the core behind this diversity? The aim of this seminar is to get to know this author in as many of his facets as possible, taking into account the different literary genres into which his work is divided: monographs, small writings, interviews, lectures. The form of the seminar and the choice of texts will depend on whether we can return to normal classroom teaching or continue to teach online. In either case, the seminar presupposes a willingness to read intensively, without which the work of Foucault cannot be opened up.		
Examination Dates	14.2.2021		
Recommended Reading	This course will rely on The Foucault Reader edited by Paul Rabinow. PDFs will be provided over ILIAS, but students may wish to work with their own copy.		

Sustainable Cities			
Course Number	00LE62S-LAS-GOEE0012	Teaching Period	semester
Study Area(s)	EES / ESS, Governance	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	20 (5 slots reserved for EPICUR students)
Module(s) StuPo 2015	Human and the Environment, Specialization Option: EES I or II Advanced Governance I and II Elective module (Joker)		
Module(s) StuPo 2020	Human and the Environment I or II		
Prerequisites	Introduction to Earth and Environmental Sciences or Introduction to Governance		
Instructor(s)	Dr. Sabine Sané (sabine.sane@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Seminar/Virtual Excursion/Project Work Mon, 10-12h Wed, 10-12h		
Course Description	Copenhagen, often stated as one of the most sustainable and greenest cities is worth a visit for all interested in sustainable urban development. What is it that Copenhagen achieved goals that many cities are still dreaming about? What makes Copenhagen so sustainable? How does it compare to the city you are living in? One main reason that makes Copenhagen so sustainable is its pioneering urban design. Already in the 1960s Copenhagen started to give priority to bicycles and pedestrians over the cars. Additionally much public transportation runs now on electric or hydrogen powered cars, trains and busses. Additionally the city of Copenhagen is investing in efficient energy through district heating and cooling using a innovated Combined Heat and Power (CHP) fired with biomass. Copenhagen is also known for its green spaces with grassy rooftops even rooftop farms, parks and green spaces. In this course, we will explore what it needs to develop a city sustainably. We will look at different challenges and possible solutions. As an exemplary city, we will go on a virtual excursion to Copenhagen. We will look at Copenhagen's sustainable urban design and listen to experts. Additionally, we will have experts invited to our course and the possibility to talk to them directly. Equipped with all the information you will go out in your city and compare your findings to what we have discussed in class. Where do you find sustainable developments of your city? Where could the sustainability of your city still be improved? You will create a virtual tour on sustainability measures in your city. Thereby, we will all be able to explore different cities together during the course and get a first hand insight on the sustainable development of different cities in Europe and maybe even globally. After this course you will be able to • Describe different possibilities and challenges to sustainable city development • Identify sustainability in different cities • Discuss sustainable city development with experts • Apply your knowledge by collecting and demonstrating information on the sustainability in your city • Compare and evaluate the sustainability of different cities		
Remarks	Students of the major EES / ESS have priority.		
Examination Dates	Written report of 2000 (+/- 200) words, due February 28.		

5 Courses of Other Degree Programs

5.1 Study Area: Culture and History

Filmgeschichte als Mediengeschichte: Technologie, Industrie und Kultur			
Course Number	05LE54S-220	Teaching Period	Semester
Study Area(s)	Culture and History	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	2 LAS
Module(s) StuPo 2012	Contemporary Art, Literature, Aesthetics, or Music Advanced Culture and History I or II		
Module(s) StuPo 2015	Art, Literature, Aesthetics, or Music Advanced Culture and History I, II, or III		
Module(s) StuPo 2020	Culture: Arts Culture and History I, II, or III		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Prof. Dr. Robin Curtis (robin.curtis@mkw.uni-freiburg.de)		
Format, Dates, Times and Rooms	3.11.-9.2. Online Seminar Tue, 10-14h		
Course Description	In dieser Lehrveranstaltung, die ein ganzes Modul (z.B. M2 Historische und gesellschaftliche Aspekte der Medien) abdecken kann und eine Vorlesung mit einem Seminar (untrennbar) kombiniert, werden die Zusammenhänge zwischen verschiedenen Medien ab dem Ende des 19. Jahrhunderts anhand der Filmgeschichte untersucht. Im Mittelpunkt steht dabei die Auseinandersetzung mit Filmen, die wir jede Woche sichten werden. Dabei wird folgende Frage wegweisend sein: Welche Form des Zugangs zum Abwesenden kann das bewegte Bild anbieten, sei es zeitlich oder räumlich? Ausgehend von der Untersuchung verschiedener Phänomene, Filme, Populärkultur, historischer Ereignisse, technischer Innovationen und der Entwicklung industrieller Strukturen untersucht diese Lehrveranstaltung, wie die audiovisuellen Medien zum paradigmatischen Medium des 20. Jahrhunderts wurden. Wir werden folgende Fragen stellen: Wie wirken sich Erfindungen und technologische Innovation auf die Form der Medien und auf Medientexte aus? Wie prägt die allmähliche Industrialisierung der Filmproduktion (z.B. durch das Star-System, das Studio-System etc.) das bewegte Bild? Wie haben sich populäre Medien und Medienformen vermischt, lange bevor Henry Jenkins den Begriff Convergence Culture prägte? Wie können Filme Einblicke in vergangene Lebenswelten bieten (z.B. durch Gesten, Mimikry, Verhalten, Situationen, kinetische und körperliche Erfahrung etc.)? Die Ziele des Seminars sind zweifach: Einerseits sollen Studierende eine Perspektive auf den Film entwickeln - von den Anfängen 1895 bis hin zur Gegenwart - und somit ein besseres Verständnis für die Funktionsweise der populären Medien bzw. Unterhaltungskultur entwickeln. Zugleich sollte diese Einführung in die Filmgeschichte eine Gelegenheit bieten, die ästhetischen Strukturen in Filmen besser zu erkennen und zu beschreiben, um somit ein klareres Verständnis ihrer (zeitspezifischen) affektiven Kraft zu gewinnen.		
Remarks	Through our stuctured cooperation with Medienkulturwissenschaften, a small number of spaces have been reserved for C&H students. This course is in German.		

Film Theory			
Course Number	05LE54S-226	Teaching Period	Semester
Study Area(s)	Culture and History	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	2 LAS
Module(s) StuPo 2012	Contemporary Art, Literature, Aesthetics, or Music Advanced Culture and History I or II		
Module(s) StuPo 2015	Art, Literature, Aesthetics, or Music Advanced Culture and History I, II, or III		
Module(s) StuPo 2020	Culture: Arts Culture and History I, II, or III		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Jessica Mulvogue (jessica.mulvogue@mail.sfb1015.uni-freiburg.de)		
Format, Dates, Times and Rooms	5.11.-11.2. Online Seminar Thu, 16-18h		
Course Description	While ‘film theory’ as such does not emerge until the 1970s with the establishment of the film studies discipline, theories of film are as old as cinema itself. Film theories offer different and competing avenues to understand ontological and epistemological aspects of cinema, how cinema functions in the social world, and the experiences and conditions of spectatorship. This course offers a rigorous survey of the major film theories of the twentieth and twenty-first centuries. But rather than approach film theory as a historical development (from classical to post-classical), it will consider how film has been understood through five metaphors: cinema as window, frame, mirror, skin, and brain. In doing so, the course will address writings on the digital image alongside classic theoretical debates of the pre-digital era. Theories covered in the course include: film realism; formalism; apparatus, ideology, and gaze theory; oppositional spectatorship; phenomenology and affect; cognitive theory; and film-philosophy. In addition to reading key film-theoretical texts, we will watch significant films to further reflect on the metaphors of cinema and how and why film images have provoked the theories covered.		
Remarks	Through our stuctured cooperation with Medienkulturwissenschaften, a small number of spaces have been reserved for C&H students.		

Hip-Hop Studies: Themen und Fragestellungen			
Course Number	05LE54S-215	Teaching Period	Semester
Study Area(s)	Culture and History	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	2 LAS
Module(s) StuPo 2012	Sociocultural Anthropology or Area Studies Advanced Culture and History I or II		
Module(s) StuPo 2015	Sociocultural Anthropology or Area Studies Advanced Culture and History I, II, or III		
Module(s) StuPo 2020	Culture: Peoples and Practices Culture and History I, II, or III		
Prerequisites	Introduction to Culture and History		
Instructor(s)	Benjamin Burkhart (benjamin.burkhart@zpkm.uni-freiburg.de)		
Format, Dates, Times and Rooms	3.11.-9.2. Online Seminar Tue, 14-16h		
Course Description	Hip-Hop kann mittlerweile auf eine mehrere Jahrzehnte überdauernde Geschichte zurückblicken. In den 1970er-Jahren in den USA entstanden, ist vor allem Rap als musikalische Komponente der Hip-Hop-Kultur seit vielen Jahren global verbreitet. Seit einiger Zeit weckt Hip-Hop auch das Interesse von Wissenschaftler*innen, sodass sich inzwischen die Bezeichnung Hip-Hop Studies etabliert hat. Gemeint ist damit ein interdisziplinäres Forschungsfeld, das Hip-Hop als kulturelles Phänomen analysiert. Perspektiven bieten u. a. Kultursoziologie und -ethnographie, Medien- und Musikwissenschaft und Gender Studies. Potenzielle Themen sind dementsprechend bspw. Konstruktionen von Ethnizität und Geschlecht sowie medien- und musikanalytische Perspektiven. Im Seminar werden zentrale Ansätze der Hip-Hop Studies diskutiert und anschließend auf eigene Fragestellungen angewandt.		
Remarks	Through our stuctured cooperation with Medienkulturwissenschaften, a small number of spaces have been reserved for C&H students. This course is in German.		

5.2 Study Area: Earth and Environmental Sciences/ Environmental and Sustainability Sciences

Energy Storage			
Course Number	11LE68V-8010	Teaching Period	Semester
Study Area(s)	Earth and Environmental Sciences, Electives for EES students only	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	left-over places (max. 5)
Module(s) StuPo 2012	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Module(s) StuPo 2015	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Prerequisites	Successfull completion of the course Energy (Technologies) at UCF		
Instructor(s)	Dr. Matthias Vetter, Dr. Peter Schossig , Dr. Tom Smolinka		
Format, Dates, Times and Rooms	see HISinOne		
Course Description	Introduction and motivation energy storage (electric, thermal, PtG): Large-scale integration of renewable energies and the role of energy storage; Technical requirements of power grids; Overview energy storage options and applications; Key parameter of energy storage systems; Technical requirements of storage systems; Economic analyses for storage systems Basics of energy storage systems: Mechanical (pumped hydro, CAES, fly wheels); Electric (SuperCaps); Electrochemical (Lead-acid, NiCd, NiMh, Lithium-ion; Sodium-ion; NaS / NaNiCl); thermal storage systems; chemical storage and PtG systems Design of battery systems (focus Lithium-ion): Test and characterization of cells; Battery module and system design (components, construction, cooling); Safety issues; Battery management; Thermal management; System integration (system options, power and communication interface); Peripheral components (inverter, energy management) Design of thermal storage systems: Description of technologies: sensible heat storage, latent heat storage, thermochemical storage. technical applications: long term storage, short term storage, from cold storage to high temperature storage. Component and system layout, best case examples, limits and future expectations Design of hydrogen storage and PtG systems: different system layouts and main components of hydrogen and PtG storage systems, water electrolysis as core component for PtG systems, advantages and drawbacks for repowering in fuel cells and thermal engines, best case examples of PtG installations, intersectoral extention to further Power-to-X technologies.		
Remarks	This course is open to advanced EES students only. LAS students register for the course and the exam in HISinOne. It is necessary to register for lectures AND workgroups if applicable. You can find the course in your Planner of Studies in the Electives area (Courses/modules of other degree programs - Modules Technical Faculty). For this course, LAS students do NOT need to additionaly apply for credit recognition for courses of other degree programs at the University of Freiburg. Students need to approach the lecturers at the beginning of the course to demand if extra work is required to receive 6 instead of 5 ECTS (which is necessary for the recognition as a major course).		

Remark cont.	LAS students who wish to have the course recognised in one of the major modules, must apply for change of module after the course (once the grades have been entered to HISinOne). The application form for change of module is available in the examination office. **!!!!! For course and exam registration, dates of the technical faculty apply !!!!!** Semester- und Vorlesungszeiten an der TF: http://www.studium.uni-freiburg.de/de/fristen-und-veranstaltungen/semester-und-vorlesungszeiten Belegphasen und weitere Termine: http://www.tf.uni-freiburg.de/de/studium-lehre/termine Termine und Fristen rund um Prüfungen an der TF: http://www.tf.uni-freiburg.de/de/studium-lehre/a-bis-z-studium/abmeldung-von-pruefungen For questions contact: Dr. Sabine Sanè – sabine.sane@ucf.uni-freiburg.de

Fundamentals of Resilience			
Course Number	11LE68V-8020 11LE68Ü-8020	Teaching Period	Semester
Study Area(s)	EES / ESS, Electives for EES students only	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	left-over places (max. 5)
Module(s) StuPo 2012	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Module(s) StuPo 2015	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Prerequisites	Advanced EES students.		
Instructor(s)	Prof. Dr. Stefan Hiermaier, Dr. Georg Clemens Ganzenmüller		
Format, Dates, Times and Rooms	see HISinOne		
Course Description	Introduction and motivation energy storage (electric, thermal, PtG): Large-scale integration of renewable energies and the role of energy storage; Technical requirements of power grids; Overview energy storage options and applications; Key parameter of energy storage systems; Technical requirements of storage systems; Economic analyses for storage systems Basics of energy storage systems: Mechanical (pumped hydro, CAES, fly wheels); Electric (SuperCaps); Electrochemical (Lead-acid, NiCd, NiMh, Lithium-ion; Sodium-ion; NaS / NaNiCl); thermal storage systems; chemical storage and PtG systems Design of battery systems (focus Lithium-ion): Test and characterization of cells; Battery module and system design (components, construction, cooling); Safety issues; Battery management; Thermal management; System integration (system options, power and communication interface); Peripheral components (inverter, energy management) Design of thermal storage systems: Description of technologies: sensible heat storage, latent heat storage, thermochemical storage. technical applications: long term storage, short term storage, from cold storage to high temperature storage. Component and system layout, best case examples, limits and future expectations Design of hydrogen storage and PtG systems: different system layouts and main components of hydrogen and PtG storage systems, water electrolysis as core component for PtG systems, advantages and drawbacks for repowering in fuel cells and thermal engines, best case examples of PtG installations, intersectoral extention to further Power-to-X technologies.		
Remarks	See specific remarks of the course Energy Storage on page 67.		

Grid Integration			
Course Number	11LE68V-8090	Teaching Period	Semester
Study Area(s)	EES / ESS, Electives for EES students only	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	left-over places (max. 5)
Module(s) StuPo 2012	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Module(s) StuPo 2015	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Prerequisites	Successfull completion of the course Energy (Technologies) at UCF		
Instructor(s)	Prof. Dr. Anke Weidlich		
Format, Dates, Times and Rooms	see HISinOne		
Course Description	• Energy system overview – generation, transmission, distribution, consumption • Energy transport; power and energy definition • Power generation analysis; • Transition of the energy systems; renewable energy grid integration • Power plants, storage, inverters • Grid theory; DC, AC circuits; system theory • System components: lines; transformers; generators; • Grid calculation; reactive and active power flow • Grid codes, grid regulation • Operation and control of electricity grids; primary, secondary and tertiary control; voltage control • Economic dispatch problem		
Remarks	See specific remarks of the course Energy Storage on page 67.		

Material Life Cycles			
Course Number	11LE68V-8030 11LE68Ü-8030	Teaching Period	Semester
Study Area(s)	EES / ESS, Electives for EES students only	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	left-over places (max. 5)
Module(s) StuPo 2012	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Module(s) StuPo 2015	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Prerequisites	Advanced EES students		
Instructor(s)	Prof. Dr. Stefan Hiermaier, Dr. Sebastian Kilchert, Georg Clemens Ganzenmüller		
Format, Dates, Times and Rooms	see HISinOne		
Course Description	Der Inhalt der Vorlesung teilt sich in drei Themengebiete. Im ersten Teil werden die gesellschaftlichen Rahmenbedingungen betrachtet, die in den letzten Jahren zu der immer größer werdenden Bedeutung des Themas Nachhaltigkeit geführt haben. Dabei befassen sich die Studenten mit der geschichtliche Entwicklung, Materialabhängigkeit, Ressourcen und Ressourcenverbrauch, kritische Ressourcen. Im zweiten Teil werden Definitionen von nachhaltiger Entwicklung und die verschiedenen Methoden zur Bewertung behandelt. Mit Fokus auf Materialien/Produkte werden Lebenszyklus, Lebensende, Kostenabschätzung, legislative Rahmenbedingungen besprochen. Im dritten Teil wird die Anwendung der gelernten Methoden an verschiedenen Fallbeispielen demonstriert. Übungen – see HISinOne		
Remarks	See specific remarks of the course Energy Storage on page 67.		

Solar Energy			
Course Number	11LE68V-8060	Teaching Period	Semester
Study Area(s)	EES / ESS, Electives for EES students only	Credit Points	6
Open to Students	Year(s) 3-4	Max. Enrollment	left-over places (max. 5)
Module(s) StuPo 2012	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Module(s) StuPo 2015	Specialization Option: EES I or II Electives (Courses of other degree programs)		
Prerequisites	Successfull completion of the course Energy (Technologies) at UCF		
Instructor(s)	Prof. Dr. Stefan Glunz		
Format, Dates, Times and Rooms	see HISinOne		
Course Description	• Solar Energy - Theoretical and Technical Energy Potential (black body radiation, Carnot cycle, maximum efficiencies, • Solar Energy Technologies - Tapping the sun's energy (overview of conversion technologies, system boundaries,seasonal fluctuation, ...) • Photovoltaics - Physics of Solar Cells (introduction to semiconductors,Fermi levels, IV curves, conversion efficiency, quantum efficiency …) • Photovoltaics - Technology Review (short introduction to the structure and technology of crystalline silicon solar cells) • Solar Thermal - Physics of Solar Collectors (basics of thermo dynamics, fluid dynamics, absorption, emission, power output and other performance criteria) • Solar Thermal - Technology Review (from low temperature applications up to power plants - examples) • Heat pumps - Thermodynamics, electrical and thermal driven heat pumps and chillers, main components (compressor, evaporator, condensor etc.), system configurations (layout, sources, storages, control strategies etc) • Heat pumps: field tests and best case examples - Heat pumps and smart grid interaction, Heat pumps and PV, Heat pumps + solar thermal, storage integration) • The lecture will be accompanied by a weekly exercise to deepen the understanding of the lecture's content and to discuss further details.		
Remarks	See specific remarks of the course Energy Storage on page 67.		

5.3 Study Area: Wissenschaft – Technik – Gesellschaft

Marine Ökosysteme, deren Management und Erforschung			
Course Number	00LE62S-LAS-	Teaching Period	Semester
Study Area(s)	Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	15 (+ 5 Plätze für BOK)
Module(s)	Elective Joker		
Prerequisites	none		
Instructor(s)	Jesko Becker, M.A. (jesko.becker@biom.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Tue, 11-12h Block sessions (tba at the beginning of the seminar and in consultation with participants		
Course Description	Der Großteil der Erdoberfläche ist mit Meer bedeckt. Ozeane spielen somit eine zentrale Rolle in der weltweiten Bekämpfung von Unterernährung, Klimawandel und Biodiversitätsverlust. Gleichzeitig sind sie eine Basis für viele Arbeitsplätze, Ressourcen und Aktivitäten und haben daher diverse Interessensvertreter. Mehrere Forschungsfelder widmen sich der Erforschung und dem Monitoring der marinen Ökosysteme weltweit, und sollen in dieser Lehrveranstaltung behandelt werden. Der Kurs richtet sich an Studierende aller Fachrichtungen, und behandelt marine Ökosysteme mit einem Schwerpunkt auf naturwissenschaftlichen Herangehensweisen. Eine anfängliche theoretische Einführung in die breit gefächerte Materie wird durch "praktische" Arbeit (eigenständig und/oder im Team) ergänzt. Der Großteil des Kurses soll Studierende dabei auch auf eventuell anstehende Abschlussarbeiten (wie z.B. Bachelor-Arbeit) vorbereiten. Zu den Kursvoraussetzungen gehören Englische Texte lesen und verstehen zu können, sowie EDV-Grundkenntnisse zur Datenverarbeitung: z.B. Open Office, R, oder MS Excel. Tiefergehende Programmier- oder Statistikkenntnisse sind nicht erforderlich.		
Remarks	Final conference on 5.2.2021		

Reisen im digitalen Zeitalter: Tourismus und seine soziokulturellen und umweltbezogenen Auswirkungen			
Course Number	00LE62S-LAS-	Teaching Period	Semester
Study Area(s)	Electives	Credit Points	6
Open to Students	Year(s) 2-4	Max. Enrollment	15 (+ 5 Plätze für BOK)
Module(s) StuPo 2012	Elective Joker		
Prerequisites	none		
Instructor(s)	Nora Winsky, M.A. (nora.winsky@neuesreisen.uni-freiburg.de)		
Format, Dates, Times and Rooms	2.11.-12.2. Online Seminar Mon, 10-12h		
Course Description	Tourismus ist eines der globalen Phänomene unserer Zeit. Neue Informations- und Kommunikationstechnologien weisen dabei einen erheblichen Einfluss auf den Reiseprozess auf: Sie ermöglichen den Tourist*innen flexible und kurzfristige Buchungen über Internetplattformen, die Nutzung von Sharing Economies wie Airbnb oder das Teilen von Reiseerfahrungen via Social Media. Das Seminar untersucht jene gegenwärtigen Reisepraktiken und deren Repräsentationen auf den digitalen Plattformen. Ziel wird es sein, sich kritisch-reflexiv mit den Auswirkungen der globaltouristischen Ströme auf Gesellschaften, Umwelten und Wirtschaften auseinanderzusetzen sowie die Rolle digitaler Technologien im Reisekontext zu diskutieren.		
Remarks	Final conference on 5.2.2021		
Exam dates	26.02.2021		

Course Index (of UCF courses)

(Post-)Colonial Histories at the Museum 35
Anatomy and Functions of the Brain 46
Climate Change and Biodiversity 19
Communicating as a Scientist 49
Concepts of Ecology and Nature Conservation 17
Coups d'Etat, Revolts and Revolutions in the Middle East 39
Critical Neuroscience 47
Drug Development and Regulation 11
Environment Risks and Us 50
Environmental Chemistry 38
European Identity in Cinema 20
European Union 40
Female Leadership 26
Foundational Year: English Academic Writing 24
Foundational Year: Principles of Responsible Leadership 18
Foundational Year: Research and Presentation 13
Foundational Year: Students and Other Knowers in Context 25
Geographic Information Systems 51
Global Challenges 41
Happiness 42
Human Physiology 48
International Law: Principles and Practice 43
Introduction to Research Design 27
Introduction to Tissue Engineering and Cellular Therapies 16
Introduction to Western Political Theory 44
Journalism 52
Marine Ökosysteme 67
Maths and Physics 53
Maths and Physics (Pre-Course) 12
Mediated Modelling for Sustainability 21
More than Privilege: Deconstructing Racism, Bias and Identity 9
Muslim Women in Digital Culture 33
Natural Resource Policy and Environmental Governance Studies 54
Planning and Doing Research 28
Political Pedagogues: German Intellectual Culture Around 1800 34
Politics of Privacy and Surveillance 45
Postcolonial Europe: A Podcast 22
Post-Migrant Europe 14
Quantitative Methods 55
Reading Foucault 56
Reisen im digitalen Zeitalter 68
Research Design: The Origins of Language 29
Research Design: What Is Art? 30
Science in Context 31
Space, People, and Power in the Roman Borderlands 36
Sustainable Cities 57
Sustainable Entrepreneurship 32
The European Project Revisited 23
The World as Sound 37
Urban Governance in Global South 15

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**:** http://www.facebook.com/ucf.las

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