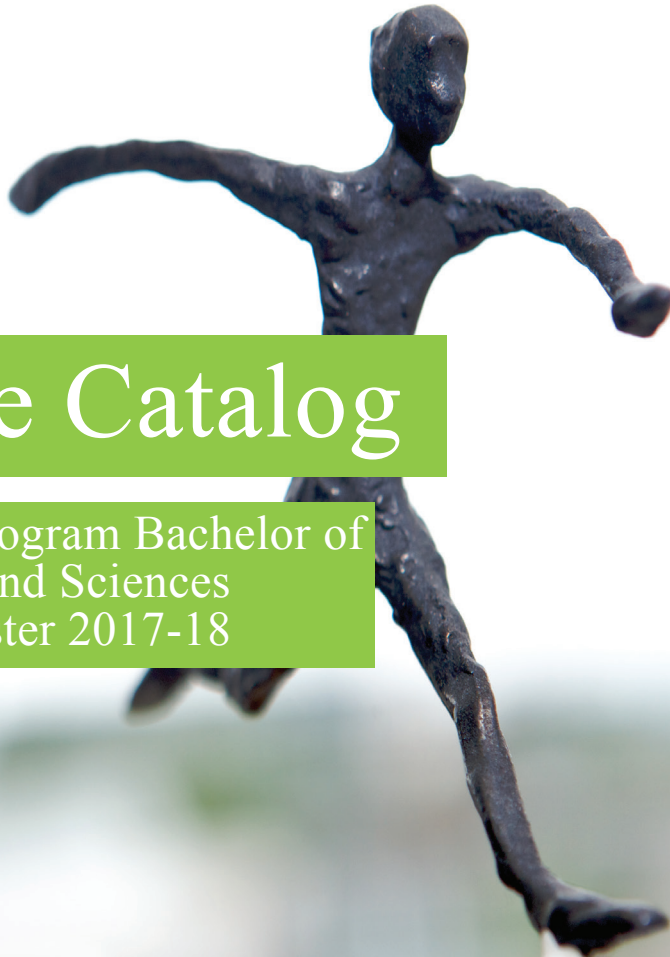




UNIVERSITY
COLLEGE
FREIBURG

Course Catalog

B.A./B.Sc. Program Bachelor of
Liberal Arts and Sciences
Winter Semester 2017-18



Albert-Ludwigs-Universität Freiburg

**UNI
FREIBURG**

Contents

Contents	1
I General Information	1
1 Teaching Periods and Dates	1
2 LAS Academic Calendar	1
II Course Registration	3
1 Who Needs to Register?	3
2 When to Register for Courses?	3
3 How to Register for Courses?	5
4 Participant Lists	5
5 Problems with Course Registration?	6
III Course Descriptions	7
1 October Intensive	7
1.1 Study Area: Core	7
Social Entrepreneurship - Leadership in and Responsible Action for Society..	7
When Culture meets Language: Issues of Representation, Performance and	
Mediation	8
2 Courses Offered in Block I	9
2.1 Study Area: Core	9
Foundational Year: Research and Presentation	9
Corruption: Integrity and its Violations in Organizations and Beyond.....	10
2.2 Study Area: Culture and History	11
Political Pedagogues: German Intellectual Culture Around 1800	11
2.3 Study Area: Earth and Environmental Sciences and Governance	12
Climate Change and Biodiversity	12
Resources and Sustainability.....	13
2.4 Study Area: Life Sciences	14
Introduction to Tissue Engineering and Cellular Therapies in Regenerative	
Medicine	14
Artificial Life	15
Drug Development and Regulation	16

3	Courses Offered in Block II	17
3.1	Study Area: Core	17
	Foundational Year: Written Expression.....	17
	Roles and the Self in Academia: Perception, Reflection and Development ...	18
3.2	Study Area: Earth and Environmental Sciences	19
	Environmental Chemistry	19
	Geohazards	20
3.3	Study Area: Governance	21
	Principles of Economics: An Introduction to Economic Theory and Policy.....	21
3.4	Study Area: Life Sciences	22
	Anatomy and Functions of the Brain	22
	Sensation and Perception	23
3.5	Study Area: Multiple	24
	Environmental Planning	24
	ImPAT – Interprofessionelle Zusammenarbeit im Umgang mit chronisch erkrankten Menschen in der Krankenhausversorgung.....	25
4	Semester long Courses	26
4.1	Study Area: Core	26
	Foundational Year: English for Academic Purposes	26
	Foundational Year: Principles of Responsible Leadership.....	27
	Foundational Year: Knowledge, Truth, and Inference.....	28
	Research Design Across Disciplines	29
	Science, Technology and Society	31
4.2	Study Area: Culture and History	32
	Die Geschichte des Freiburger AStA – Entwicklung einer Ausstellungswand für das Uniseum.....	32
	Kabinette des Wissens: Sammeln, Forschen, Ausstellen am Beispiel der Kammer des Staunens im Freiburger Uniseum	33
	New Media, Muslim Identity and Lifestyle	34
	Persons and Identities	35
	Utopian and Dystopian Writings.....	36
4.3	Study Area: Earth and Environmental Sciences (and Multiple).....	37
	Geographic Information Systems (GIS)	37
	Environment Risks and Us.....	38
	Matlab	39
	Environmental Psychology.....	40
	Fundamentals of Resilience.....	41
	Solar Energy	42
	Photovoltaic Laboratory	43

4.4 Study Area: Governance	44
Finance and Banking	44
Moot Court: Human Rights Law in Practice	46
Public International Law.....	47
The European Union from a Legal Perspective	48
Citizens and the State in Western Political Theory	50
Topics and Debates in Western Political Theory.....	52
4.5 Study Area: Life Sciences	54
Human Physiology	54
4.6 Study Area: Multiple	55
Maths and Physics.....	55
Advanced Statistics.....	56
Culture and Politics in the Cold War (1945-1991).....	57
Faszination Wissenschaft: Beziehungen in der Arbeitswelt	58
Faszination Wissenschaft: Schlaf und Schlafstörungen.....	59
Faszination Wissenschaft: Gentechnische Veränderung des Erbguts.....	60

I General Information

Due to the limited places in Liberal Arts and Sciences (LAS) courses, all courses listed in the LAS Course Catalog are open to LAS students and students of the official exchange partners and partner degree programs of UCF only.

1 Teaching Periods and Dates

Teaching Period	Dates
October Intensive	September 25 – October 6, 2017
Block I	October 16 – December 8, 2017
Block II	December 11, 2017– February 16, 2018 (no teaching during the university Christmas break)
University Semester	October 17, 2016 – February 11, 2018 (semester-long LAS courses run according the regular university semester , no teaching during the university Christmas Break)

Dates for individual courses may slightly vary from these dates (see course descriptions).

2 LAS Academic Calendar

The LAS Academic Calendar contains important semester dates and deadlines for LAS students.

Date	Important Dates and Deadlines
September 2017	
Starting 17.9	LAS Course Registration with consecutive registration periods for courses of the upcoming winter semester (see Course Registration)
Fri 30.9	Deadline: Application for SLI Language Courses (individual courses paid by UCF, the application form and guidelines will be available on the Info Board on ILIAS)
25.09-06.10	October Intensive (courses are listed in the LAS Course Catalog for the October Intensive)
October 2017	
09.10-13.10	LAS Welcome Week
Sat 14.10	LAS Graduation Ceremony
Mon 16.10	Block I /University Semester begins Exam registration and withdrawal for courses of Block I AND semester long courses in HISinOne begin (not for courses of block II).
Fri 20.10	Deadline: Application for Non-LAS University of Freiburg Courses (for graded examinations only) (The application form and guidelines will be available on the LAS Info Board on ILIAS)
Tue 31.10	Public Holiday: Reformation Day (no teaching)

November 2017		
Wed	01.11	Public Holiday: All Saint's Day (no teaching)
Sun	05.11	Deadline: Exam registration and withdrawal for courses of Block I AND semester long courses in HISinOne (<u>not</u> for courses of Block II)
Wed	15.11	<p>Deadline: Round One Application UCF Exchange Programs for the Academic Year 2017/18:</p> <ul style="list-style-type: none"> - University College London - University College Maastricht Double Degree - Schreyer Honors College/Penn State - University College Utrecht <p>Details on the Application procedure will be announced on the LAS Info Board on ILIAS.</p>
December 2017		
Fri	08.12	Block I ends
Mon	11.12	Block II begins
		Exam registration and withdrawal for courses of Block II in HISinOne begin.
23.12-07.01		University Christmas Break (no teaching)
January 2018		
Sun	14.01	Deadline: Exam registration and withdrawal for courses of courses of Block II
Wed	31.01	<p>Deadline: Round Two Application for UCF Exchange Programs for the Academic Year 2017/18:</p> <ul style="list-style-type: none"> - University College Maastricht (Erasmus) - Amsterdam University College - Sciences Po Grenoble - Universidad Complutense de Madrid <p>Details on the Application procedure will be announced on the Info Board on ILIAS.</p>
		Deadline: Declaration of Major (to be taken into account for the upcoming course registration)
		Deadline: Application Credit Recognition for Study Abroad
		Deadline: Application for Graduation WS 2017-18
February 2018		
Sat	10.02	University semester ends
Fri	16.02	Block II ends
March 2018		
Beginning of March		Publication of the LAS Course Catalog SS 2018 at the UCF website
Starting Mid-March		LAS Course Registration for courses of the Summer Semester with consecutive registration periods (details tba)

II Course Registration

The outlined course registration procedure ensures that Liberal Arts and Sciences students and Exchange students can register for a sufficient number of courses to keep up with their studies and that they get priority for compulsory courses that they require in order to graduate.

The outlined procedure **applies to all courses offered by UCF that appear in the LAS Course Catalog**. Information on course registration for courses of other degree programs and courses offered by the Sprachlehrinstitut (SLI) of the University of Freiburg is available on the LAS Info Board on ILAS.

1 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.

2 When to Register for Courses?

First year LAS students register for the courses of their first semester (see [UCF website](#)) during the Welcome Week. **All other students**, register during the three consecutive registration periods as outlined below. Please note: students may have to register for different courses at different times. **Students of partner degree programs at the University of Freiburg** can register for courses during Registration Period III.

Registration Period I Sun, 17.9 - Wed, 20.9 (12:00h, noon)		
Who can register	For what	Comment
Liberal Arts and Sciences (LAS) students who have <u>formally</u> declared their major by 31 st of July	LAS courses to be recognized as Major courses only (<u>not</u> as Electives, Core or Language courses!)	LAS students are allowed to register for a maximum of 5 courses in total (including language courses paid by UCF, 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 <u>not</u> formally declared their major by 31 st of July can only register for courses in Registration Period II.
<p>Places will be assigned after the registration period. Higher year students will get priority on places unless otherwise noted in the course description.</p> <p>You can check your registration status on Thursday evening. Your registration request may have been declined or you may have been moved to a different workgroup. Students whose registration requests have been declined will have the opportunity to register for alternative courses on Fri, 22.9, 8:00h to 12:00h (noon) in HISinOne.</p> <p>Please, de-register from courses that you do not want to take immediately.</p>		

Registration Period II Sat, 23.9 - Tue, 26.9 (12:00h, noon)		
Who can register	For what	Comment
LAS students (who have not yet achieved all credits in the respective area) and LAS exchange students	All courses listed in the LAS Course Catalog to be taken as 6 ECTS courses	LAS and Exchange Students are allowed to register for a maximum of 5 courses in total (including language courses paid by UCF, excluding pre-block courses). No exceptions to this rule will be made.
<p>Places will be assigned after the registration period. Higher year students will get priority on places unless otherwise noted in the course description. Whether or not a student has declared its major will not be considered anymore.</p> <p>You can check your registration status on Wednesday evening. Your registration request may have been declined or you may have been moved to a different workgroup. Students whose registration requests have been declined will have the opportunity to register for alternative courses on Fri, 29.9, 8:00h to 12:00h (noon) in HISinOne.</p> <p>Please, de-register from courses that you do not want to take immediately</p>		

Registration Period III Sat, 30.09-Wed, 04.10 (12:00h, noon)		
Who can register	For what	Comment
LAS students, LAS Exchange students, and Students of partner degree programs at the University Freiburg	All courses listed in the LAS Course Catalog	Students can register for courses that still have places available. Students are allowed to register for a maximum of 6 courses in total.
<p>Places will be assigned throughout the registration period. Regularly check your registration status in HISinOne. Your registration request may have been declined. In some cases, priority on places will be given to students of other faculties.</p> <p>Please, de-register from courses that you do not want to take immediately. Later de-registration in HISinOne will not be possible.</p>		

3 How to Register for Courses?

Students who are enrolled at the University of Freiburg can register for courses in the campus management system HISinOne (see below). **Students of partner degree programs** of UCF are asked to contact UCF (las.consultation@ucf.uni-freiburg.de) before registering for courses in HISinOne. **LAS Exchange students** who have not yet enrolled at the University of Freiburg can register for courses with the form provided by UCF.

- 1) Go to <https://campus.uni-freiburg.de> (You can change the language to English in the lower right corner if you wish)
- 2) **Login** with your Uni-Account
- 3) Go to Mein Studium (My Studies) > Studienplaner (Planner of Studies)
- 4) Select the correct Semester of Studies
- 5) Courses (📖) are linked to the corresponding LAS modules (🌱). Here, you can find registrations 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 registration links appears.

Please note:

- 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.**
 - For Freiburg LAS students, all major modules (🌱) appear twice in the Study Planner in HISinOne: in the respective Major and in the Electives.
 - Students who have declared their major register their Major courses as part of their Major and courses from other Majors as part of the Electives (Electives - Major modules, Wahlbereich – Module der Spezialisierungslinien).
 - Students who have not yet declared their major register the first *three* Introductions to Major as part of the respective Major.
 - Students who have not yet declared their major register all *other* 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.
 - Some courses can only be taken as Major or Core courses and not as an Electives (see information provided in the course catalog).
 - For courses with several workgroups and a lecture, students only need to register for the workgroup they would like to attend. Once you are admitted to the workgroup, you are admitted automatically to the whole course.
 - Exchange students can select any possible module to register their course as.
 - Only students, who have already fulfilled all modules that are listed in the course catalog, can register their course as Elective module (Joker) (number 7264-7269).
- 6) **Always check your registration status afterwards** (Mein Studium (My Studies) > Meine Veranstaltungen und Prüfungsanmeldungen (My enrollments and examinations)).

4 Participant Lists

Course participant lists will be finalized **on Monday, October 09, 2017** and passed on to the instructors. Later admissions to courses by the LAS program coordination will not be possible.

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.

Courses with will less than five participants may be cancelled.

5 Problems with Course Registration?

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

Always provide

- Your name
- Your matriculation number
- Your Study and Examination Regulations (2012 or 2015), Exchange Student
- Your major (if declared formally)
- the exact module title that you wish to register your course for
- and information about your problem. Please provide a screenshot of your problem whenever possible.

III Course Descriptions

All courses (with the exception of language courses) entail a pass/fail assessment (Studienleistung) and a graded assessment (Prüfungsleistung). Details on the assessments are announced at the beginning of the courses.

1 October Intensive

1.1 Study Area: Core

Social Entrepreneurship - Leadership in and Responsible Action for Society			
Course Number	00LE62S-LAS-CO0016	Teaching Period	October Intensive
Study Area(s)	Core, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Vision and Leadership	Module(s) (StuPo 2015)	Responsibility and Leadership I or II
Open to Students	Year(s) 2, 3, 4	Max. Enrollment	20
Prerequisites	Fluency in the German language (course is taught in German)		
Instructor(s)	Dr. Markus Strauch (markus.strauch@web.de)		
Format, Dates, Times and Rooms	Seminar WG1 26.09.-01.10: 10-13h and 15-18h, R01020B Hermann-Herder-Str. 9 04.10.-05.10.: 10-13h and 15-18h, KG 1019 (WG2 takes place in Block II)		
Course Description	<p>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.</p> <p>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.</p> <p>Als Fallbeispiel dient uns dabei die Regionalwert AG und deren Partnerunternehmen. Sie agiert als Bürgeraktiengesellschaft und Unternehmerverein 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.</p> <p>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.</p>		
Remarks	Registration for October Intensive Courses is closed.		

When Culture meets Language: Issues of Representation, Performance and Mediation			
Course Number	00LE62S-LAS-CO0022	Teaching Period	October Intensive
Study Area(s)	Core, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Culture and Communication Elective module (Joker)	Module(s) (StuPo 2015)	Responsibility and Leadership I (year 3-4 only) Responsibility and Leadership II (year 2-4) Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Mandatory previous work (tba): readings; reading reviews; the preparation of an oral exposition of one of the course's texts. Check e-mail often for more information.		
Instructor(s)	Esteban Acuña Cabanzo (estebanacav@gmail.com)		
Format, Dates, Times and Rooms	Seminar 25.09.-06.10.: 08-18h, AU 01036a		
Course Description	<p>The seminar is designed as an approximation to the creation of meaning in daily life. Relying on insights from pragmatics, linguistic and cultural anthropology, Cultural, Media and Performance Studies; the course deals with the multiple approaches that have been developed to comprehend quotidian linguistic and cultural practices. The main objective of the course is to build the ground for a critical and reflective perspective on how communication occurs in everyday settings.</p> <p>In its introductory phase, the seminar focuses on: a) language and b) culture as contested concepts that need to be historicized and situated before being introduced in the course. The seminar will then tackle the overlapping histories and interests of scholars that deal with the intersection of linguistic and cultural practices in daily life. For this purpose, it will present three concepts which have been particularly useful to comprehend these interrelations: representation, performance and mediation.</p> <p>This approach takes particular attention to the power structures that underlie said phenomena, as well as to the importance of their intersections with other categories of analysis, such as gender, class, race, ethnicity, age, ability, etc. In order to apply said theoretical insights, current moments where "language meets culture" will be analyzed through various ethnographic exercises during and beyond the sessions. These will allow for a grounded approach to the complementary theoretical lectures and reflections.</p>		
Remarks	Registration for October Intensive courses is closed.		

2 Courses Offered in Block I

2.1 Study Area: Core

Foundational Year: Research and Presentation															
Course Number	00LE62VS-LAS-CO0008	Teaching Period	Block I												
Study Area(s)	Core	Credit Points	6 ECTS												
Module(s) (StuPo 2012)	Exploring Complex Problems	Module(s) (StuPo 2015)	Research and Presentation												
Open to Students	Years 1 (2, 3)	Max. Enrollment	90												
Prerequisites	none														
Instructor(s)	Dr. Simon Büchner (buechner@ucf.uni-freiburg.de) Dr. Liudmila Mikalayeva (liudmila.mikalayeva@ucf.uni-freiburg.de) Dr. Sabine Sané (sabine.sane@ucf.uni-freiburg.de), Vivien von Königslöw Dr. Ryan Plumley (ryan.plumley@ucf.uni-freiburg.de)														
Format, Dates, Times and Rooms	<p>Lecture 16.10.-08.12. Mon, 14-16h, KG 3042</p> <p>Workgroups</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">WG1</td> <td style="width: 50%;">WG2</td> </tr> <tr> <td>Tue, 14-16h, Ph HS 1</td> <td>Tue, 14-16h, Ph HS 3</td> </tr> <tr> <td>Thu, 14-16h, BT 205</td> <td>Thu, 14-16h, BT 206</td> </tr> <tr> <td>WG3</td> <td>WG4</td> </tr> <tr> <td>Tue, 16-18h, BT 205</td> <td>Tue, 16-18h, BT 206</td> </tr> <tr> <td>Thu, 16-18h, BT 205</td> <td>Thu, 16-18h, BT 206</td> </tr> </table> <p>Library tour during the first week, date, tba.</p> <p>Final Conference: 7.Dec. 14-19h, KG 1132, Ph HS 2, Wilhelmstr. 26, R 14, HH R19/20 8. Dec. 13-18h, AU 01042, Ph HS 1, KG 1021, KG 1224</p>			WG1	WG2	Tue, 14-16h, Ph HS 1	Tue, 14-16h, Ph HS 3	Thu, 14-16h, BT 205	Thu, 14-16h, BT 206	WG3	WG4	Tue, 16-18h, BT 205	Tue, 16-18h, BT 206	Thu, 16-18h, BT 205	Thu, 16-18h, BT 206
WG1	WG2														
Tue, 14-16h, Ph HS 1	Tue, 14-16h, Ph HS 3														
Thu, 14-16h, BT 205	Thu, 14-16h, BT 206														
WG3	WG4														
Tue, 16-18h, BT 205	Tue, 16-18h, BT 206														
Thu, 16-18h, BT 205	Thu, 16-18h, BT 206														
Course Description	<p>The 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.</p> <p>The course consists of lectures, which all students have to attend, and work groups/seminars of which students can choose one. This year's work group topics are:</p> <ul style="list-style-type: none"> • WG 1: Communication (Büchner) • WG 2: Inter-Nationalism (Mikalayeva) • WG 3: Water Sustainability in a Changing World (Sané) • WG 4: Public Sphere (Plumley) 														
Remarks	This course is part of the Foundational Year. First year students register for this course during the Welcome Week.														

Corruption: Integrity and its Violations in Organizations and Beyond			
Course Number	00LE62S-LAS-CO0035	Teaching Period	Block I
Study Area(s)	Core, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Elective module (Joker)	Module(s) (StuPo 2015)	Responsibility and Leadership II Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Responsibility and Leadership I		
Instructor(s)	Dr. Meri Avetisyan (meri.avetisyan@ph-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 02.11.-30.11.: Tue, 08-12h, AU 01036a Thu, 08-12h, AU 01036a Additional Date 21.11.: Tue, 18-20h, KG 1016		
Course Description	<p>Corruption is a widespread and multifaceted phenomenon that occurs in many contexts. But where does it start and how can it be recognized, countered or even prevented? This course will examine corruption and misconduct within organizations and beyond. In doing so, corruption is approached from different perspectives, for example, by examining contributing factors such as the dynamics of human interactions or ethical challenges of responsible decision-making. These topics will be discussed from both international and cultural perspectives.</p> <p>Class sessions will include discussions, in-class analyses, role-play, an excursion, and a talk from a guest speaker. Cases and stories from the media concerning corrupt behaviors as well as whistleblowing, ethical and other related aspects of employee and employer relationships as well as relationships within communities will be discussed.</p> <p>Topics which will be addressed: (1) corruption and integrity as phenomena and their definitions in various disciplines, (2) the effects of corruption on leadership and responsibility-taking behavior in society on a local, national, and global level, (3) ethical aspects of acting as a leader or professional and the responsibilities that these imply, (4) integrity, transparency and accountability in organizations and society, (5) models of "leadership" in different types of organizations, and (6) the prevention of corruption.</p>		
Remarks	Compact course from 2.11.-30.11.2017. Electives can register only from registration period II on.		

2.2 Study Area: Culture and History

Political Pedagogues: German Intellectual Culture Around 1800			
Course Number	00LE62S-LAS-CH0032	Teaching Period	Block I
Study Area(s)	Culture and History, Elective	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Culture and History up to the Early Modern Period Advanced C&H I or II Specialization Option: Culture Specialization Option: History	Module(s) (StuPo 2015)	Culture and History up to the Early Modern Period Advanced C&H I, II or III Specialization Option C&H I or II
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr. Ryan Plumley (ryan.plumley@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-08.12: Mon, 14-16, AU 01065 Tue, 14-16, AU 01065 Thu, 14-16, AU 01065		
Course Description	<p>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.</p> <p>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.</p>		
Remarks	none		

2.3 Study Area: Earth and Environmental Sciences and Governance

Climate Change and Biodiversity			
Course Number	00LE62VS-LAS-GOEE0004	Teaching Period	Block I
Study Area(s)	Earth and Environmental Sciences, Governance	Credit Points	6 ECTS
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 GOV I or II Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Dr. Benoit Sittler (benoit.sittler@nature.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-08.12.: Tue, 08/09-12h, AU 01065 Thu, 08/09-12h, AU 01065		
Course Description	<p>Climate change and biodiversity are among the major environmental issues modern societies face. They call for governance solutions both on global and local levels.</p> <p>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.</p> <p>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.</p>		
Remarks	Students majoring in Earth and Environmental Sciences have priority, excursions on Fridays possible		

Resources and Sustainability			
Course Number	00LE62S-LAS-GOEE0006	Teaching Period	Block I
Study Area(s)	Earth and Environmental Sciences, Governance	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Global Cycles of Matter and Material, Specialization Option: EES I or II, Advanced GOV I or II, Specialization Option: Law, Politics, Administration Elective module (Joker)	Module(s) (StuPo 2015)	Global Cycles of Matter and Material, Specialization Option: EES I or II, Advanced GOV I or II, Specialization Option GOV I or II Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Dr. Sabine Sané (sabine.sane@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-08.12: Mon, 14-16h, AU 01036a Tue, 14-16h, AU 01036a Thu, 14-16h, AU 01036a		
Course Description	<p>The growing human footprint on our planet is clearly shown by the enormous consumption of renewable (e.g. biomass) and non-renewable resources (e.g. fossil fuel). To sustain a high human development without destroying the environment an equilibrium between economic viability, environmental tolerability and social fairness is required. This concept of sustainability is incorporated in many national constitutions, numerous regulations and is discussed in several summits.</p> <p>The course will study natural resources in respect to their production, extraction and use, their potential impact on the environment, their economic value and the legal situation necessary to fulfill the requirement of sustainable development. The main focus will be on energy and food resources as well as waste management.</p>		
Remarks	Students majoring in Earth and Environmental Sciences have priority, Excursion on Friday or guest talk in the evening possible - tba.		

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	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: LS I or II	Module(s) (StuPo 2015)	Specialization Option: LS I or II
Open to Students	Years 3, 4	Max. Enrollment	8
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	<p>Lecture, Journal Club and Seminars 16.10.-08.12: Tue, 9-11:30, Engesserstraße 4, Seminarraum, EG;</p> <p>Lab Work Thu, 8:30-12h, G.E.R.N. laboratory, "Gewebeersatz, Regeneration & Neogenese", Room 041 (2 O.G.)</p>		
Course Description	<p>This course will consist of a series of lectures, seminars, journal clubs 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.</p> <p>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.</p>		
Remarks	none		

Artificial Life			
Course Number	00LE62S-LAS-LS0014	Teaching Period	Block I
Study Area(s)	Life Sciences, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced LS I or II, Specialization Option: LS I or II	Module(s) (StuPo 2015)	Advanced LS I, II, or III, Specialization Option: LS I or II
Open to Students	Years 3, 4	Max. Enrollment	15
Prerequisites	The course relies heavily on mathematical simulation, so students should have a solid foundation in programming skills, either in MATLAB, Python or C++. Students are invited to ask the instructor via email about those requirements prior to the course. St		
Instructor(s)	Dr. Reto Schölly (mail@reto-schoelly.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-08.12.: Tue, 09-12h, Ph HS 3 Thu, 09-12h, Ph HS 2		
Course Description	<p>Artificial Life (AL) describes a vast variety of different concepts, which share one unifying property: They strive to simulate or emulate whatever life is. From the first concepts, which date back to the 12th century, to present-day physical AL systems, reproducing life artificially has been an intriguing quest. This course shall provide an introduction to the theory and practice of Artificial Life, its connections to biological life, and its limits. The exercises will consist of simulating AL systems in MATLAB. The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to Artificial Life • Cellular Automata • Swarm Theory • Autopoiesis • Artificial Cognition (e.g. Artificial Neural Networks) • Chaos Theory and Population Models 		
Remarks	Since the exercises will use MATLAB, students need to always bring laptop computers with a MATLAB license installed (the University of Freiburg provides a free student's license).		

Drug Development and Regulation			
Course Number	00LE62S-LAS-LS0019	Teaching Period	Block I
Study Area(s)	Life Sciences, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced LS I or II Specialization Option: Law, Politics, Administration	Module(s) (StuPo 2015)	Advanced LS I, II or III, Specialization Option: GOV I or II
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Life Sciences		
Instructor(s)	Dr. Petra Lachmann (lachmannp@aol.com)		
Format, Dates, Times and Rooms	Seminar 16.10.-08.12.: Mon, 14-16, KG 1019 Tue, 14-16, KG 1034 Thu, 14-16, KG 1034 Extra date: Fri, 27.10., 12-14, Albertstr. 25		
Course Description	<p>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?</p> <p>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.</p> <p>Then we will talk about active substances, how to identify them and how they react with the target.</p> <p>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).</p> <p>We will take a closer look at the preclinical development including toxicology and galenics and finally at clinical trials. We will talk about the Committee of Animal Experimentation as well as the Ethics Commission and discuss the history behind it.</p> <p>Emphasis will be put on legal requirements for drug approval in different countries - Europe, USA - and the agencies involved. Selected topics will be presented by the students and discussed in depth.</p>		
Remarks	Students must participate in all laboratory sessions.		

3 Courses Offered in Block II

3.1 Study Area: Core

Foundational Year: Written Expression							
Course Number	00LE62VS-LAS-CO0009	Teaching Period	Block II				
Study Area(s)	Core	Credit Points	6 ECTS				
Module(s) (StuPo 2012)	Sharing Knowledge	Module(s) (StuPo 2015)	Written Expression				
Open to Students	Years 1, 2, 3	Max. Enrollment	90				
Prerequisites	Research and Presentation						
Instructor(s)	Dr. Sebastian Gehart (sebastian.gehart@ucf.uni-freiburg.de) Thorsten Leiendecker (thorsten.leiendecker@ucf.uni-freiburg.de)						
Format, Dates, Times and Rooms	<p>Lecture 11.12.-16.02. Mon, 14-16h, KG 3042</p> <p>Workgroups</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> WG1 Tue, 14-16h, Ph HS 1 Thu, 14-16h, BT 205 </td> <td style="width: 50%; border: none;"> WG2 Tue, 14-16h, Ph HS 3 Thu, 14-16h, BT 206 </td> </tr> <tr> <td style="border: none;"> WG3 Tue, 16-18h, BT 205 Thu, 16-18h, AU 01036a </td> <td style="border: none;"> WG4 Tue, 16-18h, BT 206 Thu, 16-18h, BT 206 </td> </tr> </table>			WG1 Tue, 14-16h, Ph HS 1 Thu, 14-16h, BT 205	WG2 Tue, 14-16h, Ph HS 3 Thu, 14-16h, BT 206	WG3 Tue, 16-18h, BT 205 Thu, 16-18h, AU 01036a	WG4 Tue, 16-18h, BT 206 Thu, 16-18h, BT 206
WG1 Tue, 14-16h, Ph HS 1 Thu, 14-16h, BT 205	WG2 Tue, 14-16h, Ph HS 3 Thu, 14-16h, BT 206						
WG3 Tue, 16-18h, BT 205 Thu, 16-18h, AU 01036a	WG4 Tue, 16-18h, BT 206 Thu, 16-18h, BT 206						
Course Description	<p>The course introduces students to the challenges of sharing knowledge through written expression. An overarching goal of this course is to explore how writing is not merely used to broadcast or conserve information but, especially in academia, constitutes a social interaction and discourse involving a variety of actors for a plethora of functions and a multitude of intended effects.</p> <p>Different genres of academic writing are emphasised along with their prevalence in different academic disciplines. For this, students will focus on further developing topics they explored in the previous course on "Research and Presentation". These topics will serve as bases for learning and practicing different techniques and conventions of academic writing. Students will also familiarise themselves with different stages of the writing process, including preparation, research, creating outlines, drafting, and revising their written work, thus equipping them with the skills to effectively express arguments, ideas and research in academic and non-academic writing.</p>						
Remarks	This course is part of the Foundational Year. First year students register for this course during the Welcome Week.						

Roles and the Self in Academia: Perception, Reflection and Development			
Course Number	00LE62S-LAS-CO0034	Teaching Period	Block II
Study Area(s)	Core, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Elective module (Joker)	Module(s) (StuPo 2015)	Responsibility and Leadership II Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Responsibility and Leadership I		
Instructor(s)	Dr. Hans-Peter Hagmann (info@hphagmann.de)		
Format, Dates, Times and Rooms	Seminar 11.12.-16.02.: Tue, 14-18h, R 00 003C (Hermann-Herder-Straße 9) Thu, 14-16h, KG 1023		
Course Description	<p>Besides creating knowledge, an important characteristic of science is critical examination using competence and an open mind. In this seminar, the scientific method will be our starting point to investigate the nature of social convictions related to academia.</p> <p>The aim is to create new insights by deconstructing common attitudes and unquestioned ways of thinking and acting. We will use various tools, such as role playing, working in groups and experimental arrangements, to test assumptions and counterpart perspectives. We will also take a historical look at current trends and analyse the theoretical concepts behind the scientific fields of psychology, sociology and politics.</p> <p>To successfully complete this course, participants should not only be prepared to question current values, beliefs and institutional patterns with a critical mind; they should also be ready to engage actively in the learning process and reflect strategically on their learning experience.</p>		
Remarks	Electives can only be registered only from registration period II onward.		

3.2 Study Area: Earth and Environmental Sciences

Environmental Chemistry			
Course Number	00LE62S-LAS-EE0010	Teaching Period	Block II
Study Area(s)	Earth and Environmental Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Chemistry	Module(s) (StuPo 2015)	Chemistry
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Prof. Dr. Peter Kroneck (peter.kroneck@uni-konstanz.de)		
Format, Dates, Times and Rooms	Seminar 11.12.-16.02.: Mon, 14-16h, Ph HS 3 Tue, 14-16h, KG 1034 Thu, 14-16h, KG 1034		
Course Description	<p>In this course students will be introduced to Environmental Chemistry. In unit 1 From Atoms to Macromolecules: they will study the main building blocks of our material world composed of atoms, ions and molecules. In unit 2 Chemical Reactivity: students will investigate fundamental chemical reactions, specifically proton-transfer reactions (acid-base chemistry) and electron-transfer reactions (redox chemistry). In addition, they will be introduced to basic thermodynamic (conservation of energy) and kinetic (catalysis) principles driving chemical reactions. In unit 3 Bio-Inorganic Applications students will explore the essential elements of life on Earth and their biogeochemical cycles, and they will take a closer look at the chemistry of several important biological processes. In the tutorials selected topics will be presented by the students and discussed in depth.</p> <p>Upon successful completion of this module, you should be able to:</p> <ol style="list-style-type: none"> 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) Apply the principles of structure and reactivity to essential life processes in the presence and absence of dioxygen (extreme forms of life; respiration; photosynthesis; nitrogen fixation). 5) Present/discuss a selected topic and write a paper (short publication). 		
Remarks	Students majoring in Earth and Environmental Sciences have priority.		

Geohazards			
Course Number	00LE62S-LAS-EE0013	Teaching Period	Block II
Study Area(s)	Earth and Environmental Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: EES I or II	Module(s) (StuPo 2015)	Specialization Option: EES I or II
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Prof. Dr. Hoppe (andreas.hoppe@unr.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 11.12.-16.02.: Mon, 14-16h, AU 01065 Tue, 14-16h, AU 01065 Thu, 14-16h, AU 01065		
Course Description	<p>A course for students focussing in Earth & Environmental Sciences but open for other Majors as well. A special knowledge in geology is not required. Geological facts and terms which are necessary to understand a specific geo-hazard will be explained in the particular lecture.</p> <p>Geohazards are depending on specific geological, regional and local conditions. Its possible consequences are widely influenced by human behaviour. Related aspects for governance and culture are part of the lectures and will be discussed during seminars and excursions.</p> <p>1st part: Lectures will analyse origins, phenomena and consequences of earthquakes, tsunamis, volcanoes, mass movements and geogenetic substances which may be hazardous for humans. Possibilities of prediction as well as national and international response of governments and organisations as well as mitigation strategies will be discussed.</p> <p>2nd part: Seminars will study case histories of ancient and recent catastrophes in interdisciplinary groups and on different case studies in a problem-based approach.</p> <p>3rd part: Excursions within Freiburg to (i) Seismic Survey at Geological Survey of Baden-Württemberg, (ii) Catastrophe Management Centre of the Regional Council ("Regierungspräsidium Freiburg"), and (iii) Caritas International (international relief work).</p>		
Remarks	Students majoring in Earth and Environmental Sciences have priority, Excursion on Friday possible		

3.3 Study Area: Governance

Principles of Economics: An Introduction to Economic Theory and Policy			
Course Number	00LE62V-LAS-GO0005	Teaching Period	Block II
Study Area(s)	Governance (not Electives!)	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Economics	Module(s) (StuPo 2015)	Economics
Open to Students	Years 2 (3, 4)	Max. Enrollment	30 (max.)
Prerequisites	Introduction to Governance		
Instructor(s)	Dr. Hans-Joachim Stuebig (hans-joachim.stuebig@ies.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 11.12.-16.02.: Mon, 14-16h, KG 1019 Tue, 14-16h, tba Thu, 14-16h, KG 1134		
Course Description	<p>This survey course introduces the basic elements of economic thinking and gives examples of their implementation in a "real-world" context. It will discuss methods and utensils of national and international policy-making in economies from the roots of the science to socio-economic challenges of the 21st century. After this course students will have a systematic overview about theory and practice of the economic science and a basic understanding how economies work and why government Intervention may be necessary.</p> <p>The course will roughly follow the "classical" approach in the textbook's structure (Schiller / Hill: "Essentials of Economics", see the topics below). Each week the course will focus on one major topic.</p> <ul style="list-style-type: none"> • Fundamentals of Economics • Micro-Economics • Macro-Economics • International Economics • Social Balance • Family Tree of Economics <p>In addition – when appropriate and available – the material will be adapted to the specific needs of this study program and supplemented with additional topics. Course material and handouts on current events will supplement the basics.</p> <p>The seminar will use the following teaching methods: lectures, guided discussions, debates, and student presentations.</p> <p><i>Course requirements:</i></p> <p>Students are required to attend class and actively participate in classroom activities, namely, to weekly prepare the readings and class discussion. Grades will be based on a presentation (incl. a detailed handout), a review of a class paper/handout, and a final exam on February 8, 2018.</p> <p><i>Key reading:</i></p> <p>Schiller, Bradley R., and Cynthia Hill. Essentials of Economics. McGraw-Hill/Irwin, 2014 (9th edition), available in the Reading Room.</p>		
Remarks	Students in the second year of the Major Governance need to take this course for the module "Economics". For this course, no priority for senior students. Taking this course as an Elective is not possible. Not open to exchange students.		

3.4 Study Area: Life Sciences

Anatomy and Functions of the Brain			
Course Number	00LE62S-LAS-LS0007	Teaching Period	Block II
Study Area(s)	Life Sciences, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced LS I or II	Module(s) (StuPo 2015)	Advanced LS I, II or III
Open to Students	Years 2, 3, 4	Max. Enrollment	18
Prerequisites	Introduction to Life Sciences		
Instructor(s)	Dr. Janina Kirsch (janina.kirsch@biologie.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 11.12.-16.02.: Tue, 15-19h, SR 00 043 (Campus Biologie) Additional Dates 16.12., 20.01., 03.02.: Fri, 15-19h, SR 00 043 (Campus Biologie)		
Course Description	<p>In this course different components of the vertebrate brain and associated functions are presented one by one. In particular these are</p> <ul style="list-style-type: none"> • General structure of the vertebrate brain • Spinal cord • Medulla oblongata • Cerebellum • Midbrain • Thalamus • Hypothalamus • Basal ganglia • Limbic system • Cerebral cortex <p>Each session is composed of a theoretical part in which the structure and its associated functions are presented in a lecture-style format and a practical part in which the students model the brain structures using plasticine (yes, your hands will get dirty!). The plasticine models help the students to understand the relative location of different parts of the brain. The course requires participants to study a series of eight videos provided on ILIAS before the course starts. The videos of roughly 45 min each contain lectures about fundamental knowledge in the neurosciences.</p>		
Remarks	This course requires extra teaching materials such as plasticine and the script. Depending on available funding from external sources students may be asked to pay a cost of maximum 15 Euro for teaching material.		

Sensation and Perception			
Course Number	00LE62S-LAS-LS0015	Teaching Period	Block II
Study Area(s)	Life Sciences, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced LS I or II	Module(s) (StuPo 2015)	Advanced LS I, II or III
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Life Sciences		
Instructor(s)	Dr. Simon Büchner (buechner@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 11.12.-16.02.: Tue, 08:30-12h, AU 01036a Thu, 10-12h, AU 01036a		
Course Description	<p>Our sensory organs are transition points between the world we are part of and the world of our inner experiences. This dualistic interpretation of an inside and an outside world often goes along with the assumption that sensation is a linear projection of characteristics of an externally existing object to an internally existing state of perception. In contrast, we will approach sensation and perception as a combination of bottom-up and top-down processes which shape sensory information based on contextual knowledge and memory giving rise to an empirically grounded, dynamic percept.</p> <p>We will trace the physiological path from external stimuli through the sense organs to the interpretation of these stimuli as the world how we perceive it. For this, we will encounter the human senses from cognitive, neurological, and psychophysical points of view comparing different theories from these fields. We will cover visual, auditive, olfactory, gustatory, and tactile perception with an emphasis on the visual and auditive modality.</p> <p>The course will be a combination of lecture parts, reading-based discussions, student presentations, and exercises. We will mostly follow the book "Sensation & Perception" (4th edition) by Jeremy Wolfe and colleagues. The book is available in the reading room and can be purchased in any book store.</p>		
Remarks	none		

3.5 Study Area: Multiple

Environmental Planning – CANCELLED			
Course Number	00LE62S-LAS-GOEE0007	Teaching Period	Block II
Study Area(s)	Earth and Environmental Sciences, Governance	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option EES I or II Advanced GOV I or II, Specialization Option: Law, Politics, Administration Elective module (Joker)	Module(s) (StuPo 2015)	Specialization Option EES I or II Advanced GOV I or II, Specialization Option GOV I or II Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences		
Instructor(s)	Michael Gaede (michael.gaede@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 11.12.-16.02.: Tue, 08/09-12h, AU 01065 Thu, 08/09-12h, AU 01065		
Course Description	<p>Human beings and nature depend on intact ecosystems. Thus a crucial point seems to be how we can organize ways of using the environment in such a way that a landscape's functions and natural resources are used sustainably.</p> <p>Environmental and spatial planning are among the most important instruments available today for ensuring sustainable development. The consequences of global change for humanity, flora and fauna, for ecological and economic systems are becoming increasingly apparent and call for specific projects and strategies at both local and regional levels as well as further exploration of the interdependence of systems within our environment. This course will introduce the basic elements of environmental planning, gaining importance to problem-solving at the interface between society and nature and thus comprising both scientific and social-scientific skills.</p>		
Remarks	Students majoring in Earth and Environmental Sciences have priority.		

ImPAT – Interprofessionelle Zusammenarbeit im Umgang mit chronisch erkrankten Menschen in der Krankenhausversorgung			
Course Number	00LE62S-LAS-CO0037	Teaching Period	Block II
Study Area(s)	Electives	Credit Points	tba
Module(s) (StuPo 2012)	Elective module (Joker)	Module(s) (StuPo 2015)	Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	8
Prerequisites	Major Life Sciences		
Instructor(s)	Simone Schmidle (simone.schmidle@uniklinik-freiburg.de) Christine Straub, M. A (christine.straub@uniklinik-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 19.01.2018: Fri, 10-16h, tba		
Course Description	<p>By example of chronic illness, this class explores disease models and role conflicts between patients and health care providers. Students will participate in a one day seminar "ImPAT – interprofessionelle Zusammenarbeit im Umgang mit chronisch erkrankten Menschen in der Krankenhausversorgung" taught jointly by the department of nursing and medicine. In this seminar, medical and nursing students come together with patient advocates to discuss patient and professional roles, conflicts in providing health care and ways to cooperative disease management. Students will have the opportunity to participate with their own experiences as aspiring scientists or (potential) patients or family care providers. Two more seminar days are dedicated to learning about the development of professional expertise and healthcare activism in the context of Western biomedicine from the perspective of the history and sociology and science and Disability Studies. Students will read classic texts from these fields and get to know new, intersectional approaches.</p>		
Remarks	<p>This course is a pilot in cooperation with the Faculty of Medicine and the Department for Nursing Science. For more information and registration, please contact Dr. Marion Schmidt (mschmi34@alumni.jh.edu).</p>		

4 Semester long Courses

4.1 Study Area: Core

Foundational Year: English for Academic Purposes					
Course Number	00LE62S-LAS-CO0016	Teaching Period	University semester		
Study Area(s)	Core	Credit Points	6 ECTS		
Module(s) (StuPo 2012)	Advanced Academic English	Module(s) (StuPo 2015)	English for Academic Purposes		
Open to Students	Years 1, 2	Max. Enrollment	90		
Prerequisites	none				
Instructor(s)	Dr. Denise Kaltschütz (denise.kaltschuetz@ucf.uni-freiburg.de) Christina Galego (christina.galego@gmail.com)				
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> WG1 Mon, 16-18h, KG 1140 Wed, 16-18h, KG 1140 WG3 Tue, 10-12h, KG 1142 Thu, 10-12h, KG 1139 </td> <td style="width: 50%; vertical-align: top;"> WG2 Tue, 12-14h, KG 1137 Thu, 12-14h, KG BT R106 WG4 Tue, 12-14h, KG 1140 Thu, 12-14h, KG 1142 </td> </tr> </table>			WG1 Mon, 16-18h, KG 1140 Wed, 16-18h, KG 1140 WG3 Tue, 10-12h, KG 1142 Thu, 10-12h, KG 1139	WG2 Tue, 12-14h, KG 1137 Thu, 12-14h, KG BT R106 WG4 Tue, 12-14h, KG 1140 Thu, 12-14h, KG 1142
WG1 Mon, 16-18h, KG 1140 Wed, 16-18h, KG 1140 WG3 Tue, 10-12h, KG 1142 Thu, 10-12h, KG 1139	WG2 Tue, 12-14h, KG 1137 Thu, 12-14h, KG BT R106 WG4 Tue, 12-14h, KG 1140 Thu, 12-14h, KG 1142				
Course Description	<p>English for Academic Purposes (EAP) 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.</p> <p>In Block I of this sixteen-week course, we will identify academic discourse and the features of academic writing in terms of communities of practice. Students will learn how to recognize diverse academic genres, how to write structured paragraphs, and how to present their research—in the form of summary, paraphrase, and quotation—with academic integrity.</p> <p>In Block II, we will explore critical reading and writing with a focus on the essay genre. Students will extend their recognition of paragraph structure by examining the specific anatomy of the persuasive essay. Following critical analysis and discussion of a set of shared academic texts, each student will craft an essay aimed at compellingly convincing the reader of the merits of its claims.</p> <p>Upon successful completion of this course, students should be able to:</p> <ul style="list-style-type: none"> • Write persuasively and critically • Identify, analyse, and evaluate academic texts • Use outside sources appropriately with academic integrity • Successfully proofread and edit their seminar papers 				
Remarks	This course is part of the Foundational Year. First year students register for this course during the Welcome Week.				

Foundational Year: Principles of Responsible Leadership											
Course Number	00LE62VS-LAS-CO00026	Teaching Period	University semester								
Study Area(s)	Core	Credit Points	6 ECTS								
Module(s) (StuPo 2012)	--	Module(s) (StuPo 2015)	Responsibility and Leadership I								
Open to Students	Year 1	Max. Enrollment	all 1st years								
Prerequisites	none										
Instructor(s)	Christina Galego (christina.galego@gmail.com) Esteban Acuña Cabanzo (estebanacav@gmail.com) Markus Strauch (markus.strauch@web.de) Barbara Skorupinski (barbara.skorupinski@epg.uni-freiburg.de)										
Format, Dates, Times and Rooms	<p>Lecture 23.10.-09.02. Mon, 12-14h 23.10.17, 05.02.18, KG 1221 30.10.17, 20.11.17, 08.01.18, 22.01.18, KG 1016 and KG 1221</p> <p>Workgroups 23.10.-03-12. and 08.01.-04.02.:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">WG1</td> <td style="width: 50%;">WG2</td> </tr> <tr> <td>Wed, 10-14h, KG 1108</td> <td>Wed, 10-14h, BT R 101/106</td> </tr> <tr> <td>WG3</td> <td>WG4</td> </tr> <tr> <td>Thu, 16-20h, Ph HS 4</td> <td>Thu, 16-20h, HH R 01 020C</td> </tr> </table>			WG1	WG2	Wed, 10-14h, KG 1108	Wed, 10-14h, BT R 101/106	WG3	WG4	Thu, 16-20h, Ph HS 4	Thu, 16-20h, HH R 01 020C
WG1	WG2										
Wed, 10-14h, KG 1108	Wed, 10-14h, BT R 101/106										
WG3	WG4										
Thu, 16-20h, Ph HS 4	Thu, 16-20h, HH R 01 020C										
Course Description	<p>This foundational course introduces the 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 four individual parts (A, B, C, D), each presenting responsibility and leadership from a different angle. Following a general introduction, students will form subgroups that consecutively (but in unique sequence) attend lectures and workshops on the following topics:</p> <p><i>Part A: Ethics, Decision-Making, and Responsible Action</i></p> <p>Participants will learn basic terms and the most significant theories in preparation both for an overview of different fields within applied ethics (e.g. research ethics, bioethics, and media ethics) and for related discussion of exemplary contemporary ethical dilemmas. In discovering how to identify ethical conflicts and complex problem-constellations, students will build competence in ethical reflection conducive to accepting responsibility in their future professions.</p> <p><i>Part B: The Bases and Dynamics of Human Interaction</i></p> <p>Participants will explore key concepts in the study of human interaction (communication, language, representation, and performance), honing their recognition of the production and reproduction of meaning as an intrinsic aspect of daily life. With the aid of rudimentary tools, students will develop a more informed and considerate approach to using the spoken and written word.</p> <p><i>Part C: Leadership and Managerial Challenges</i></p> <p>Sessions will cover fundamental dimensions of the leading self, of leading others, and of leading organizations. Students will engage the basic assumptions, theories, and methods of actions that demonstrate leadership. The work of personal development will be examined as an essential element of strong leadership—one that impacts everyday, organizational, and societal contexts.</p> <p><i>Part D: Equality, Diversity, and Non-Discriminatory Practice</i></p> <p>Meetings will be organized to help participants deepen their understanding of the</p>										

	<p>meaning of equality, the importance of diversity, and the practice of non-discrimination. After critically tracing a brief history of human rights, students will learn to address racism, sexism, ableism, and classism in light of contemporary and historical social struggles as well as the living needs of their own communities.</p> <p>Individual sections may vary in format according to instructors' priorities, and include preparatory readings, presentations, and group work, as well as active and self-reflective participation. Students will successfully complete each part of the course by submitting an original, individually crafted piece of writing for assessment.</p>
Remarks	This course is part of the Foundational Year. First year students register for this course during the Welcome Week.

Foundational Year: Knowledge, Truth, and Inference							
Course Number	00LE62S-LAS-CO0013	Teaching Period	University semester				
Study Area(s)	Core	Credit Points	6 ECTS				
Module(s) (StuPo 2012)	---	Module(s) (StuPo 2015)	Theory of Knowledge				
Open to Students	Year(s) 1 (2)	Max. Enrollment	90				
Prerequisites	none						
Instructor(s)	Prof. Dr. Wolfgang Freitag (wolfgang.freitag@ucf.uni-freiburg.de)						
Format, Dates, Times and Rooms	<p>Lecture 16.10.-09.02.: Mon, 10-12h, KG 3042</p> <p>Workgroups</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">WG1 Wed, 14-15h, AU 01036a</td> <td style="width: 50%;">WG2 Wed, 15-16h, AU 01036a</td> </tr> <tr> <td>WG3 Fri, 10-11h, KG 1236</td> <td>WG4 Fri, 11-12h, KG 1236</td> </tr> </table>			WG1 Wed, 14-15h, AU 01036a	WG2 Wed, 15-16h, AU 01036a	WG3 Fri, 10-11h, KG 1236	WG4 Fri, 11-12h, KG 1236
WG1 Wed, 14-15h, AU 01036a	WG2 Wed, 15-16h, AU 01036a						
WG3 Fri, 10-11h, KG 1236	WG4 Fri, 11-12h, KG 1236						
Course Description	<p>The course is part of the systematic reflections on knowledge and science within the LAS-Core. It investigates knowledge as an epistemic achievement. It discusses the nature of belief, of truth, and the problems of skepticism resulting from the fact that our knowledge sources, e.g. perception and testimony may be non-veridical. The course also emphasizes the role of language in knowledge constitution and knowledge transmission. We will consider some questions concerning the nature of language and communication, discuss the distinction between different kinds of meaning, in particular semantic and pragmatic meaning, and the types of inference based on them. The course also introduces some elementary argumentation and logic skills.</p>						
Remarks	This course is part of the Foundational Year. First year students register for this course during the Welcome Week.						

Research Design Across Disciplines											
Course Number	00LE62VS-LAS-CO0008	Teaching Period	University semester								
Study Area(s)	Core	Credit Points	6 ECTS								
Module(s) (StuPo 2012)	Challenges of Interdisciplinarity	Module(s) (StuPo 2015)	Research Design Across Disciplines								
Open to Students	Year 4 or later (only)	Max. Enrollment	70								
Prerequisites	none										
Instructor(s)	Dr. Sabine Sané (sabine.sane@ucf.uni-freiburg.de), contact for the Workshops Dr. Liudmila Mikalayeva (liudmila.mikalayeva@ucf.uni-freiburg.de), contact for the overall course organization										
Format, Dates, Times and Rooms	<p>Lecture 16.10.-09.02. (selected dates, most lectures in Block I): Mon, 12-14h, KG 3044</p> <p>Workgroups</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">WG1</td> <td style="width: 50%;">WG2</td> </tr> <tr> <td>Fri, 08-10h, AU 01036a</td> <td>Fri, 10-12h, AU 01036a</td> </tr> <tr> <td colspan="2">WG3</td> </tr> <tr> <td colspan="2">Fri, 10-12h, AU 01065</td> </tr> </table> <p>Final Conference 09.02.-10.02.: 08-17h, R 01014 (Wilhelmstr. 26)</p>			WG1	WG2	Fri, 08-10h, AU 01036a	Fri, 10-12h, AU 01036a	WG3		Fri, 10-12h, AU 01065	
WG1	WG2										
Fri, 08-10h, AU 01036a	Fri, 10-12h, AU 01036a										
WG3											
Fri, 10-12h, AU 01065											
Course Description	<p>This course is aimed at fourth-year students who, in their final year of LAS studies, should refine their academic skills and intensify contact with academic research, before embarking on writing the bachelor thesis, applying for Master programs or preparing for the next carrier moves.</p> <p><i>Learning objectives</i></p> <ol style="list-style-type: none"> 1) to expose students to current research and to the expectations to independent and collaborative research in different disciplines; 2) to let the students develop self-management skills (time management, project planning, anxiety control) enabling them to take on longer and more complex projects than in their previous studies; 3) to let students refresh and deepen the fundamental academic skills (working with sources, taking an informed position in an academic debate, planning the argument, writing according to academic standards) in a self-reliant and topic-based way. <p><i>Course structure and requirements</i></p> <p>The semester-long course has two parts: in Block I it is organized in two teaching formats:</p> <ol style="list-style-type: none"> 1) plenary sessions focused on academic standards, procedures, and research design; 2) a series of workshops focused on research design and self-management skills (students divided in three groups). <p>This part of the course ends with the submission of a short research proposal on a topic falling within the student's Major. The proposal is the graded assessment in this course.</p>										

	<p>In Block II students prepare and organize a conference with oral presentations and posters, based on a template provided by instructors. The conference takes place on February 8 and 9. Each student presents a research idea at the conference, which is part of the pass/fail assessment.</p> <p>In addition, over the whole semester students attend and reflect upon four research talks in any discipline, offered at the University of Freiburg.</p> <p><i>Preparation for the course</i></p> <p>In preparation to this course, students should think about topics within their Major they find particularly interesting and worth pursuing. At the beginning of the course, students will have to quite quickly select a particular topic of research they would like to develop, to eventually prepare a research proposal on it. It is therefore very helpful to base this choice of the topic on previous reflection. In connection with this reflection, students are invited to check possible supervision topics of UCF professors and resident staff.</p> <p><i>Key reading</i></p> <p>Students will find very useful the following book: Booth, Wayne C., Gregory G. Colomb, and Joseph M. Williams. <i>The Craft of Research</i>. University of Chicago Press, 2003 (or other editions).</p>
<p>Remarks</p>	<p>none</p>

4.2 Study Area: Culture and History

Die Geschichte des Freiburger AStA – Entwicklung einer Ausstellungswand für das Uniseum			
Course Number	00LE62S-LAS-CH0037	Teaching Period	University semester
Study Area(s)	Culture and History, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: Culture Specialization Option: History	Module(s) (StuPo 2015)	Specialization Option C&H I Specialization Option C&H II
Open to Students	Years 2, 3, 4	Max. Enrollment	10
Prerequisites	Introduction to Culture and History		
Instructor(s)	Prof. Dr. Sylvia Paletschek (sylvia.paletschek@geschichte.uni-freiburg.de) Angela Meral-Witt (angela.witt@uniseum.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 25.10.-09.02. Wed, 08-10h, KG IV 4229		
Course Description	Ziel der praxisorientierten Übung ist es, die Geschichte des Freiburger AStA aufzuarbeiten und die Ergebnisse der Recherche in die Konzeption einer neuen Stellwand im Uniseum einfließen zu lassen. Die Übung verlangt die Bereitschaft zur intensiven Quellenarbeit mit ungedruckten und gedruckten Quellen (Universitätsarchiv, evt. Archiv für soziale Bewegungen; Auswertung Freiburger Studentenzeitung, Informationen für Dozenten und Studenten etc.). Sie gibt gleichzeitig Einblick in das Arbeiten im Museum.		
Remarks	This course, in cooperation with the Uniseum and the Historisches Seminar, will take place in German. The course begins on October 25, 2017.		

Kabinette des Wissens: Sammeln, Forschen, Ausstellen am Beispiel der Kammer des Staunens im Freiburger Uniseum			
Course Number	00LE62S-LAS-CH0036	Teaching Period	University semester
Study Area(s)	Culture and History, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: Culture Specialization Option: History	Module(s) (StuPo 2015)	Specialization Option C&H I Specialization Option C&H II
Open to Students	Years 2, 3, 4	Max. Enrollment	8
Prerequisites	Introduction to Culture and History		
Instructor(s)	Prof. Dr. Sylvia Paletschek (sylvia.paletschek@geschichte.uni-freiburg.de) Prof. Dr. Gregor Dobler (gregor.dobler@ethno.uni-freiburg.de) Angela Meral-Witt (angela.witt@uniseum.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 17.10.-09.02.: Tue, 10-12h, Breisacher Tor 107		
Course Description	<p>In diesem interdisziplinären, forschungs- und praxisorientierten Hauptseminar soll eine neue inhaltliche Konzeption für das „Kabinett des Staunens“ im Uniseum erarbeitet werden. Bisher werden in der ständigen Dauerausstellung im „Kabinett des Staunens“ ausgewählte Einzelexponate der universitären Sammlungen des 19. und 20. Jahrhunderts (u.a. aus ethnologischen Sammlungen) ausgestellt.</p> <p>Die Anordnung der heterogenen Exponate ist der Gestaltung frühneuzeitlicher Wunderkammern nachempfunden und nicht kontextualisiert. Im Hauptseminar soll es zunächst in einem ersten Schritt darum gehen, die Sammlungsgeschichte der Objekte zu recherchieren, wissenschaftliche Objektbiographien zu erstellen und diese im Kontext der Entstehung von wissenschaftlichen Sammlungen und der Popularisierung von Wissen im 19. und 20. Jahrhundert zu untersuchen.</p> <p>In einem zweiten Schritt sollen auf der Grundlage der Sammlungs- und Objektbiographien Texte für Audioguides verfasst und eingesprochen werden, die für die Besucher und Besucherinnen des Uniseums das „Kabinett des Staunens“ neu erschließen. Im Rahmen des Seminars findet eine medienpädagogische Begleitveranstaltung (Block Fr/Sa) statt, in der in die audiophone Darstellung eingeführt wird. Methodisch-theoretisch knüpfen wir im Seminar u.a. an den material turn sowie wissenschaftsgeschichtliche und museumswissenschaftliche Ansätze an.</p> <p>Das Seminar bietet die Gelegenheit, einen wichtigen Aspekt praktischer Museumsarbeit, die Auseinandersetzung mit Objekten und ihrer Präsentation, in der Praxis kennenzulernen.</p>		
Remarks	<p>This course, in cooperation with the Uniseum, the Historisches Seminar, and the Institut für Ethnologie, will take place in German.</p> <p>In addition to regular class times, there will be a Blockseminar (Fri/Sat) during January for training in media usage for the preparation of the audioguide.</p> <p>The course begins on October 17, 2017.</p>		

New Media, Muslim Identity and Lifestyle			
Course Number	00LE62S-LAS-CH0033	Teaching Period	University semester
Study Area(s)	Culture and History, Electives	Credit Points	6 ECTS
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
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr. Fatma Sagir (fatma.sagir@orient.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Tue, 12-14h, Ph HS 1 Thu, 14-16h, Ph HS 1		
Course Description	<p>In 2013 American Muslim twitter were “all shook up“. A group of young urban Muslim hipsters, they call themselves ironically Mipsterz, shot a video with an all-female cast, moving in an urban setting along the sound of JayZ’s “Somewhere in America“. CNN and other mass media picked the story up. American Muslim organisations felt the need to make statments about the video’s and the women’s “Muslimness“. This is an excellent example for how young Muslims in “western“ context face not only challenges within a binary world view that suggests they are trapped between either a “modern“ or a “traditional-religious“ world, but also are confronted with negative stereotyping in mass media and popular culture.</p> <p>The aim of this course is to look into the topics of new media, identity and lifestyle within the above mentioned struggle to find and shape new Muslim identities. New Media plays a key role for this developement. The rise in Muslim YouTubers, Instagrammers and the growth of Muslim Marketing, particularly in so called Modest Fashion, highlights this process.</p> <p>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.</p> <p>This seminar demands not only reading and discussion, but the formation of research groups, that present their findings. Instruction and information in detail will be provided with the course syllabus in the first session.</p>		
Remarks	The required excursion to a local mosque will be conducted in German. Summarized translation into English will be provided for students to be able to complete the associated assignment.		

Persons and Identities			
Course Number	00LE62S-LAS-CH0034	Teaching Period	University semester
Study Area(s)	Culture and History, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced C&H I or II	Module(s) (StuPo 2015)	Philosophy, Advanced C&H I, II or III
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr. Marc Andree Weber (andree.weber@jura.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Tue, 12-14h, AU 01036a Thu, 12-14h, AU 01036a		
Course Description	<p>What are we most essentially? Are we bodies, souls, organisms, minds, brains, consciousnesses, something completely different or nothing at all? What does it take for us to continue to exist? Could we survive teletransportation, or the transfer of our minds to computers? What will happen to us when we die? Under what circumstances should we identify a person whom we meet at one time with a person whom we meet at another time? The answers to these closely related questions seem to be crucial not only for a deeper understanding of ourselves but also for matters concerning, for example, moral responsibility or biomedical ethics.</p> <p>The philosophical debate on persons and their identity criteria concerns different areas of philosophy, such as metaphysics, ethics, and the philosophy of mind, as well as other fields such as neurobiology and cognitive science. In particular, it is a hotly debated issue whether recent findings about the cognitive and neurological processes in the brain could help to solve problems that were originally regarded as inherently philosophical.</p> <p>In this course, we address central topics of the debate on persons. A reader with texts from the history of philosophy, contemporary analytic philosophy, neuroscience, and psychology will be made available at the beginning of the seminar.</p>		
Remarks	none		

Utopian and Dystopian Writings			
Course Number	00LE62S-LAS-CH0035	Teaching Period	University semester
Study Area(s)	Culture and History, Electives	Credit Points	6 ECTS
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
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Culture and History		
Instructor(s)	Prof. Jon Adams (jon.adams@slackwaterpress.com)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 10-12h, AU 01065 Wed, 10-12h, AU 01065		
Course Description	<p>Utopian writing is the dream that human society can be improved if it were only better organized, or at least differently organized. Dystopian writing is that dream turned into a nightmare. The utopian dream usually takes the form of a more equitable society, in which the work and resources of a society are shared by all of its members. Within this idea, writers have found room for their particular style of utopia. For example, in Gilman's "Herland" all of the members of society are female. The dystopian nightmare takes various forms of inequality that lead to social oppression, either from technological abuse or political dictatorship, or a combination of both. Dystopian writing has dominated the twentieth-century, partly because it is used as a form of protest literature, a protest against the way society is or what it might become, such as a society that is sexist, overpopulated, ecologically degraded, or simply extinct.</p>		
Remarks	none		

4.3 Study Area: Earth and Environmental Sciences and Multiple

Geographic Information Systems (GIS)			
Course Number	00LE62S-LAS-GOLSEE0001	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences, Governance, Culture and History	Credit Points	6 ECTS
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: C&H I or II, Quantitative and Qualitative Methods (Governance), Specialization Option EES I or II, Analytical Methods
Open to Students	Years 2, 3, 4	Max. Enrollment	15
Prerequisites	none		
Instructor(s)	Dr. Steffen Vogt (steffen.vogt@geographie.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 07.11.-09.02.: Block I Block II Tue, 09-12h, CIP4, Tennenbacherstr. 4 Tue, 12-14h, AU 01065 Thu, 09-12h, CIP4, Tennenbacherstr. 4 Thu, 12-14h, AU 01065		
Course Description	<p>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).</p> <p>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.</p> <p>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.</p> <p>In a self-dependent supervised study project during 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).</p> <p>The course starts with a intensive course in Block I, followed by a independent study project.</p> <p>This course is highly recommended for students who intend to specialize or master in disciplines of the above-mentioned fields, especially Earth and Environmental Sciences and Governance students.</p>		
Remarks	Students majoring in Earth and Environmental Sciences have priority.		

Environment Risks and Us			
Course Number	00LE62S-LAS-LSEE0002	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences, Life Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Human and Health, Specialization Option: EES I or II, Advanced LS I or II	Module(s) (StuPo 2015)	Human and the Environment, Specialization Option: EES I or II, Advanced LS I, II or III
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences and/or Introduction to Life Sciences		
Instructor(s)	Dipl.-Chem. Ismene Jäger (info@oekologischesetze.de) Prof. Dr. Dirk Bunke (d.bunke@oeko.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 16-18h, KG 1231 Wed, 16-18h, KG 1231		
Course Description	<p>In this course students explore the complex relationships between human activities, the environment and resulting risks – for human health as well as for the environment. The course deeply engages with different impacts on the environment and with the physical, chemical and biological properties of specific environmental hazards.</p> <p>For several groups of pollutants, their sources are described, their mechanisms of release into the environment, major environmental pathways and fates, and their effect on human health. In addition, students develop basic skills in environmental risk assessment and management strategies.</p> <p>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.</p>		
Remarks	Excursions on Fridays are possible.		

Matlab			
Course Number	11LE68MO-5557	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences, Life Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Data Processing and Modelling in the Sciences	Module(s) (StuPo 2015)	Data Processing and Modelling in the Sciences
Open to Students	Years 2, 3, 4	Max. Enrollment	5
Prerequisites	Maths & Physics (or proof of sufficient sufficient background in maths)		
Instructor(s)	Dr. Reto Schölly (mail@reto-schoelly.de)		
Format, Dates, Times and Rooms	Practical work Fri, 16-19h Room tba		
Course Description	MATLAB is considered to be one of the most important languages for mathematical computing; it is capable of simulating any mathematical model that can be solved numerically. This course shall provide insight into mathematical modelling with MATLAB		
Remarks	Students majoring in Earth and Environmental Sciences have priority. Students must bring their own notebook throughout the course. In cooperation with the Master "Sustainable Systems Engineering" – registration via email to Sabine Sané: (sabine.sane@ucf.uni-freiburg.de).		

Environmental Psychology			
Course Number	00LE62S-LAS-GOEE0005	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: EES I or II	Module(s) (StuPo 2015)	Human and the Environment, Specialization Option: EES I or II
Open to Students	Years 2, 3, 4	Max. Enrollment	5
Prerequisites	none		
Instructor(s)	Dr. Sebastian Gölz (sebastian.goelz@fraunhofer.de)		
Format, Dates, Times and Rooms	Seminar Mon, 8-10h Room: tba		
Course Description	<p>Human behavior is a key factor for current global economic and ecological challenges. On the other hand, it is also a crucial resource which can be used to cope with these challenges. Environmental Psychology is an interdisciplinary field focusing on how human behavior and the physical environment interrelate. It is, for example, not sufficient to simply propose ways to solve global economic and ecological challenges. Substantial changes in people's behavior are also needed. This course will introduce the basic elements of Environmental psychology.</p> <p>In the first part of the course, students will study psychological theories and modelling (unit 1) along the topics of environmental awareness, climate change and sustainability. In the second part, students will become familiar with typical issues in applied fields of environmental psychology (unit 2) such as the attitudes-behavior gap, behavior in social dilemmas, and interventions and behavioral changes. As different technological innovations (e.g. e-mobility and renewable energies) promise improvement for ecological risks, the third part will focus on ways to combine environmental psychology with the domain of technology usage, acceptance and usability (unit 3). Practical will help the students to transfer new knowledge into their own small surveys and interventions. In the tutorials, selected topics will be presented by the students and discussed in depth.</p> <p>This course has a strong focus on Environmental Psychology in Renewable Energies and Engineering</p>		
Remarks	<p>Students majoring in Earth and Environmental Sciences have priority.</p> <p>In cooperation with the Master "Sustainable Systems Engineering" – registration via email to Sabine Sané: (sabine.sane@ucf.uni-freiburg.de).</p>		

Fundamentals of Resilience			
Course Number	11LE68MO-8020	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: EES I or II	Module(s) (StuPo 2015)	Specialization Option: EES I or II
Open to Students	Years 2, 3, 4	Max. Enrollment	5
Prerequisites	none		
Instructor(s)	Prof. Dr. S. Hiermaier		
Format, Dates, Times and Rooms	Seminar, lecture Wed, 16-18h Fri, 14-16h Room: tba		
Course Description	The lecture provides a clear understanding of the term “resilience” in an engineering context, specifically as compared to stability, robustness, flexibility or failure safety. Students realize that failure of transport systems, infrastructure, support chains and of other technical systems is not necessarily a consequence of technical malfunction or bad design. Students find that in contrast the ability to control failure of systems and catastrophes can be achieved by networks of perspective interaction, prevention and adaption. Continuous adaption of behavior of individuals and of the control of facilities will be understood as necessary steps towards increasing resilience.		
Remarks	Students majoring in Earth and Environmental Sciences have priority. In cooperation with the Master “Sustainable Systems Engineering”.		

Solar Energy			
Course Number	11LE68MO-8060	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: EES I or II	Module(s) (StuPo 2015)	Specialization Option: EES I or II
Open to Students	Years 3, 4	Max. Enrollment	5
Prerequisites	Course Energy Technology		
Instructor(s)	Prof. Dr. Stefan Glunz (stefan.glunz@inatech.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar/lecture Tue, 16-18h Thu, 14-16h Room: tba		
Course Description	<p>Students will be able to understand the fundamentals and different technologies variants of solar energy conversion as photovoltaics and solar thermal. They will know the relevant physical background, technical characteristics, materials and designs used. The lecture will cover the component, product and system level. Furthermore students will understand trends of further development as well as limitations and possibilities in application of solar energy.</p> <p>The lecture will be accompanied by a weekly exercise to deepen the understanding of the lecture's content and to discuss further details.</p>		
Remarks	<p>Students majoring in Earth and Environmental Sciences have priority.</p> <p>In cooperation with the Master "Sustainable Systems Engineering" – registration via email to Sabine Sané: (sabine.sane@ucf.uni-freiburg.de).</p>		

Photovoltaic Laboratory			
Course Number	11LE68MO-8060	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: EES I or II	Module(s) (StuPo 2015)	Analytical methods, Specialization Option: EES I or II
Open to Students	Years 3, 4	Max. Enrollment	5
Prerequisites	Course Energy Technology, Course Solar Energy (can be taken in WS 2017/18)		
Instructor(s)	Prof. Dr. Stefan Glunz (stefan.glunz@inatech.uni-freiburg.de)		
Format, Dates, Times and Rooms	Practical work Fri, 10-12h Room: tba		
Course Description	<p>The Photovoltaic Laboratory provides an opportunity for hands-on experience with the PV-related topics introduced in the Solar Energy course. Students will get to know solar cells from a practical view and gain experience in interconnection and operation of solar cells, including evaluation of their performance. Students will understand the electrical properties of solar cells e.g. the IV-curve and related parameters; they will experience the influence of environmental conditions such as temperature, intensity of the incoming light and the angle of incidence. The examination of solar cells as a component part in electrical circuits will enable students to solve typical problems, e.g. how to connect a couple of single cells reasonably to build up a module or how to avoid problems caused by shading. Knowledge about the behavior and performance on load when used as power source is very important for the application of solar cells. Off-Grid systems will also be investigated as a practical application scenario for photovoltaic. This will bring students in contact with electrical components such as load-regulators, storage etc. These are elementary topics for solid knowledge of solar cells and crucial for ongoing research of a more application-oriented use of solar cells.</p>		
Remarks	<p>Students majoring in Earth and Environmental Sciences have priority. In cooperation with the Master "Sustainable Systems Engineering" – registration via email to Sabine Sané: (sabine.sane@ucf.uni-freiburg.de).</p>		

4.4 Study Area: Governance

Finance and Banking			
Course Number	00LE62S-LAS-GO0035	Teaching Period	University semester
Study Area(s)	Governance, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced GOV I or II, Specialization Option: Economics	Module(s) (StuPo 2015)	Advanced GOV I or II, Specialization Option GOV I or II
Open to Students	Years 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Governance, Economics (desirable)		
Instructor(s)	Dr. Gehard Kempfer (kempfer@kempfer-financial.de) Contact for organizationa matters: Prerana Deshpande (prerana.deshpande@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 08-10h, AU 01036a Wed, 08-10h, AU 01036a		
Course Description	<p>This course focuses on the global financial industry, the analysis of international finance and bank management with particular emphasis on the structure and operation of banking systems and the power of money. The course covers Risk and Risk Management, Financial Crises, Regulation, Corporate Governance and Investments ("between greed and fear"). Furthermore, the impact of banks and bank failures on the society under historic, economic and philosophical aspects is considered. The course will therefore require appetite for economic questions, analytic rigor, but also creativity and intellectual flexibility. Despite the seriousness of the finance industry and the age of the instructor, a good sense of humour is heartily welcome.</p> <p>The course is based on the textbook "The Economics of Money, Banking & Financial Markets", European Edition by Frederic S. Mishkin et al. Emile Zola's Masterwork "Money" which should help to understand the eternal rules of the industry and human weakness.</p> <p><i>Key readings</i></p> <p>Mishkin, F./ Matthews, K./ Giuliadori, M.: "The Economics of Money, Banking and Financial Markets. European Edition", 10. ed., Munich 2013</p> <p>Zola, E.: "Money", New York 2007 (students are expected to acquire a copy of this book or make sure they have an electronic copy of it)</p> <p>Recommended to watch: "Inside Job" by Charles Ferguson</p> <p><i>Teaching format</i></p> <p>This is a lecture and expert interview based course in which topics are presented by the instructor. The expert interviews at the end of every module give the students a chance to ask questions and interact directly with experts of the respective topic area which are covered during this course. In addition Presentations from the students should foster the knowledge about special topics.</p> <p><i>Form of assessment</i></p> <p>Students are strongly recommended to participate in lectures. If students miss too many classes (more than 4 sessions), they are not allowed to take the exam.</p> <p>Grading is composed of two components: A presentation (30%) of 10-15 minutes plus a term paper of about 4 pages (2000 words), and a final exam (70%).</p> <p><i>Information on the instructor</i></p> <p>Dr. Gerhard Kempfer holds a MBA and a PhD in economics from the University of Cologne. He was a fellow with the German Marshall Fund and worked in various</p>		

	<p>managing positions for the Deutsche Bank, both in Germany and the USA. In 1998, he joined the Volksbank Freiburg to become its Chief Credit and Operating Officer (Member of the Board). He founded his own family office in 2007. He is member of various advisory boards and is Chairman of the Board of Trustees of the Walter Eucken Institute e.V., Freiburg.</p>
Remarks	<p>Optional dates (provisional information, on these days regular sessions will probably not be scheduled, but the slots are kept in the case an earlier session is rescheduled): Mon, 02/05/2018, 08:15-10:00 and Wed, 02/07/2018, 08:15-10:00</p> <p>Important: This course gives a unique opportunity to learn from practitioners, both from the lecturer and from the guests he will invite to participate via Skype. Over the decades of work in the finance sector, Dr, Kempter has built a wide network of contacts, which he draws upon for the benefit of the students in this course.</p>

Moot Court: Human Rights Law in Practice			
Course Number	00LE62S-LAS-GO0010	Teaching Period	University semester
Study Area(s)	Governance, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: Law, Politics, Administration, Advanced GOV III	Module(s) (StuPo 2015)	Specialization Option: GOV I or II, Advanced GOV III
Open to Students	Years 3, 4	Max. Enrollment	16
Prerequisites	Introduction to Governance; Principles of Law (highly recommended)		
Instructor(s)	Dr. Stoyan Panov (stoyan.panov@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Tue, 12-14h, KG 1036 Thu, 12-14h, KG 1023		
Course Description	<p>The Human Rights Law in Practice course is an opportunity for students to develop knowledge and understanding of fundamental principles of Human Rights Law as a subject matter and as part of a moot simulation of legal proceedings. The participants gain skills to analyze fact problem sets and identify and apply the relevant legal provisions to the case scenarios. The moot court is a simulation of proceedings before courts such as the European Court of Human Rights. Emphasis is put on developing skills of independent legal research and oral and written advocacy. The relevant topics that will be addressed in the course are the European Human Rights Law framework of effective enforcement, the right to life, the prohibition of torture, inhuman and degrading treatment and punishment, the right to a fair trial, the rights to liberty, the right to private life, the freedom of expression and association, the right to effective remedy among others. The course will be based on problem-based learning preparations for simulations.</p> <p>The moot court activity will take place in the Winter Semester 2016-2017. Block I will be dedicated to brief drafting and completion of the written portion of the moot court exercise; the oral argument portion will be conducted at the end of Block I or beginning of Block II. The scheduling of classes for the Moot Court course depends on the scheduling of the moot competition a particular group is participating in.</p> <p>Moot court preparatory meetings will be conducted on a regular basis to discuss and analyze the moot court problems and to adequately prepare for the written and oral submissions. Additional mooting practices may be arranged accordingly.</p> <p><i>Learning goals</i></p> <p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> 1) Have skills to analyze legal problems in a particular problem set; 2) Identify, analyze and apply relevant legal provisions to a particular problem set scenario; 3) Formulate legal arguments based on the relevant case-law and provisions as regards the particular facts of the case; 4) Have improved advocacy skills. <p><i>Form of Assessment</i></p> <p>Regular attendance of moot preparatory sessions and active participation in group work and exercise. The final grade will be based on the moot written position paper/memorandum, and/or moot report, and/or pleadings in the moot. Submission of the final part of the examined material is due on 8 February 2018.</p>		
Remarks	Recommended textbooks: <i>Law of the European Convention on Human Rights</i> , ed. By Harris, O'Boyle and Warbrick (3rd edition, Oxford University Press).		

Public International Law			
Course Number	00LE62S-LAS-GO0008	Teaching Period	University semester
Study Area(s)	Governance, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced GOV I, II or III, Specialization Option: Politics, Law, Administration	Module(s) (StuPo 2015)	Advanced GOV I, II or III, Specialization Option I or II, Global Governance
Open to Students	Years 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Governance, Principles of Law (highly recommended)		
Instructor(s)	Dr. Stoyan Panov (stoyan.panov@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 10-12h, KG 1243 Wed, 10-12h, KG 1140		
Course Description	<p>This course is an introduction to international law. It gives students an understanding of the way international actors coexist, interact and make law and mastery of the principles governing international legal relations. Public International Law is traditionally the law between states, but the course also covers a more diverse group of actors in the international legal order.</p> <p>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?</p> <p>The weekly plenary sessions and workgroups cover 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). The course also focuses on selfdetermination, the particular role of individuals in International Law (Human Rights), applicability of immunities, the legal aspects of the threat or use of force, law enforcement mechanisms against terrorism, and the prohibition of torture. Relevant current events will be discussed on regular basis.</p> <p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> 1) be familiar with central topics of International Law; 2) identify and analyze International Law in particular problem sets; 3) reflect upon the function and structure of International Law; 4) acquire skills to interpret and apply International Law provisions covered in the course. <p><i>Form of assessment</i></p> <p>Pass/fail: Regular attendance of classes and active participation in group work and Exercises. Graded exam: Written assignments, research paper/research design analysis case note, and/or presentations, and/or written exam. The final exam will take place on 7 February 2018. The final research paper for Adv Governance III will be due on 14 February 2018.</p>		
Remarks	Recommended textbook: <i>International Law</i> , ed. M. Evans (4th edition, Oxford University Press).		

The European Union from a Legal Perspective			
Course Number	00LE62S-LAS-GO0009	Teaching Period	University semester
Study Area(s)	Governance, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced GOV I or II	Module(s) (StuPo 2015)	Advanced GOV I or II, Regional Governance
Open to Students	Years (2), 3, 4	Max. Enrollment	22
Prerequisites	Introduction to Governance		
Instructor(s)	Ellen Weaver (ellen.weaver@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 13.11.-09.02.: Mon, 16-18h, KG 1134 Wed, 16-18h, KG 1134		
Course Description	<p>This course examines the European Union's constitutional and legal structures in the context of contemporary issues affecting the lives of EU citizens. While delivered from a legal perspective, this course addresses a broad range of subjects on which the Union's policies have significant impact and will be of benefit to students for whom the legal concepts are of considerable interest, as well as those who want to learn about the EU generally and those with a desire to increase their knowledge of the EU through governance, social, political, economic, human rights or environmental interests.</p> <p><i>Teaching format</i></p> <p>The format will combine lectures, seminars, tutor presentations and facilitated discussion, with a substantial requirement for individual preparation and reading in order for students to participate in seminars and debate. It is hoped that the course will include a day trip visit to the EU Parliament in Strasbourg.</p> <p>Students will learn about the work of the key EU institutions, which affect all aspects of life in the EU, including:</p> <ul style="list-style-type: none"> • the authority and responsibilities of the European Commission, the Council of Ministers, the European Council; • the theoretical and actual procedures of the EU Parliament; • the forms of EU legislation, Directives, Regulations, their direct and indirect effect; • the structure and jurisprudence of the European Court of Justice; • the role and impact of the EU Ombudsman; • the significance of the EU Central Bank and of the Court of Auditors; • the purpose and achievements of the Committee of the Regions and of the European Economic and Social Committee; • and the roles and relevance of other EU Agencies. <p>The course will prepare students to apply this knowledge to current controversies, such as transparency, lobbying, refugee rights, environmental protection, the controversial role of the European Court of Justice in legislative interpretation, Brexit and Euroscepticism, EU democratic accountability and parliamentary reform, data protection and internet usage, human rights theory and enforcement, subsidiarity and the rule of law.</p> <p><i>Form of assessment</i></p> <p>The assessed assignments in the course are a presentation & an analytical paper, or an analytical paper alone, on an approved topic of each student's own choice. The paper will be due on February 24.</p> <p><i>Reading suggestions:</i></p>		

	<p>To prepare to the course, students are invited to have a look at the following publications:</p> <p>Human Rights Watch (2016). "EU Policies put Refugees at Risk", accessible at https://www.hrw.org/news/2016/11/23/eu-policies-put-refugees-risk</p> <p>The International Economy (2016). Brexit: The Unintended Consequences. A symposium of views. Accessible at http://www.international-economy.com/TIE_Sp16_BrexitSymp.pdf</p>
Remarks	<p>This course starts on November 13!</p> <p>A day trip to the European Parliament in Strasbourg will be planned for December, probably on December 13.</p>

Citizens and the State in Western Political Theory			
Course Number	00LE62S-LAS-GO0027	Teaching Period	University semester
Study Area(s)	Governance, Electives upon request	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Theoretical Foundations and Hermeneutical Methods Electives (contact the instructor)	Module(s) (StuPo 2015)	Theoretical and Philosophical Foundations of Social and Political Sciences Electives (contact the instructor)
Open to Students	Year(s) 2 (3, 4)	Max. Enrollment	22
Prerequisites	Introduction to Governance		
Instructor(s)	Elina Schleutker (elina.schleutker@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 16-18h, AU 01036a Wed, 16-18h, Ph HS 2 Different room on 23.10.: Mon, 16-18h, KG 1132		
Course Description	<p>Throughout the history, political theorists have had different ideas about the appropriate relationship between the citizens and the state. The first line of the modern debate on these topics is concerned with the degree of government involvement in the life of the citizens. For example, should government limit the freedom of its citizens and if yes, why and under which circumstances? The second line of the debate is concerned with the influence of the citizens on the decision-making, and deals with questions such as the advantages and disadvantages of the direct and representative democracy. In addition to these debates, there is also a disagreement on how the state and citizenship should be understood in the first place. The aim of this course is to discuss the different perspectives on the relationship between the citizens and the state. The students will learn to relate the arguments employed by politicians and other debaters to the different traditions of political theory, as well as understand their own political opinions in relation to these traditions. The course uses problem based learning as a method of instruction.</p> <p>The course content during October-December 2017 is similar to the course "Topics and Debates in Western Political Theory". During January-February 2018 the "Citizens and the State" will focus on questions such as legitimation of state power, the concept of citizenship, democracy, and representation.</p> <p><i>Form of assessment:</i></p> <p>Learning diary 1: 20% of the grade, deadline in November Learning diary 2: 40% of the grade, deadline in December Learning diary 3: 40% of the grade, deadline in February</p> <p><i>Organizational details</i></p> <p>To balance out the elevated workload related to some of the course readings, and learning diaries, the class occasionally takes a break of one or two meetings. There are no course meetings in the last week before Christmas holidays (18-22 December). If you want to know the detailed dates for the course before the first course meeting in October, or if you would like to start reading the course literature already in advance, please contact the course instructor by email. Below are some reading suggestions.</p> <p><i>Reading suggestions:</i></p> <p>Mill, John Stuart. [1859] 2011. On Liberty. Marx, Karl, and Friedrich Engels [1848] 1978. "Manifesto of the Communist Party." In The Marx-Engels Reader, ed. Robert C. Tucker. New York and London: W.W. Norton and Company, 469-500. Marshall, T.H. 1950. Citizenship and social class and other essays. Cambridge:</p>		

	Cambridge University Press. (Pages to read: "Citizenship and social class," pp. 1-85).
Remarks	<p>Students in the second year of the Major Governance need to take this course or another course in the module "Theoretical and Philosophical Foundations of Social and Political Sciences" in winter semester.</p> <p>For this course, no priority for senior students.</p> <p>Students wishing to take this course for Electives, need to contact the instructor beforehand.</p>

Topics and Debates in Western Political Theory			
Course Number	00LE62S-LAS-GO0026	Teaching Period	University semester
Study Area(s)	Governance, Electives upon request only!	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Theoretical Foundations and Hermeneutical Methods Electives (contact the instructor)	Module(s) (StuPo 2015)	Theoretical and Philosophical Foundations of Social and Political Sciences Electives (contact the instructor)
Open to Students	Year(s) 2 (3, 4)	Max. Enrollment	22
Prerequisites	Introduction to Governance		
Instructor(s)	Elina Schleutker (elina.schleutker@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 10-12h, Ph HS 2 Wed, 10-12h, Ph HS 2		
Course Description	<p>In this course, we will study some core ideas of 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. By the end of the course, the students will have learned to relate political arguments employed by politicians and other debaters to the different traditions of political theory. In addition, the students will learn to understand their own political opinions in relation to thinkers such as Marx and Mill, and will get practice in formulating these opinions in an academically sound way. This course uses problem based learning as a method of instruction.</p> <p>The course content during October-December 2017 is similar to the course "Citizens and the State in Western Political Theory". During January-February 2018 the "Topics and Debates" course focuses on political ideologies (social democracy, liberalism, conservatism, fundamentalism, multiculturalism).</p> <p><i>Form of assessment</i></p> <p>Learning diary 1 (20% of the grade): Deadline in November Learning diary 2 (40% of the grade): Deadline in December Learning diary 3 (40% of the grade): Deadline in February</p> <p><i>Organizational details</i></p> <p>To balance out the elevated workload related to some of the course readings, and learning diaries, the class occasionally takes a break of one or two meetings. There are no course meetings in the last week before Christmas holidays (18-22 December).</p> <p>If you want to know the detailed dates for the course before the first course meeting in October, or if you would like to start reading the course literature already in advance, please contact the course instructor by email. Below are some reading suggestions.</p> <p><i>Reading suggestions:</i></p> <p>Mill, John Stuart. [1859] 2011. On Liberty. Marx, Karl, and Friedrich Engels [1848] 1978. "Manifesto of the Communist Party." In The Marx-Engels Reader, ed. Robert C. Tucker. New York and London: W.W. Norton and Company, 469-500. Oakeshott, Michael. [1962] (1991). Rationalism in politics and other essays. Indianapolis: Liberty Fund. (Pages to read: 5-42).</p>		
Remarks	<p>Students in the second year of the Major Governance need to take this course or another course in the module "Theoretical and Philosophical Foundations of Social and Political Sciences" in winter semester.</p> <p>For this course, no priority for senior students.</p>		

	Students wishing to take this course for Electives, need to contact the instructor beforehand.
--	--

4.5 Study Area: Life Sciences

Human Physiology			
Course Number	00LE62S-LAS-LS0010	Teaching Period	University semester
Study Area(s)	Life Sciences, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Physiology	Module(s) (StuPo 2015)	Physiology
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Cell Biology and Biochemistry		
Instructor(s)	Dr. Martin Zeeb (Martin.Zeeb@pharmakol.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 18-20h, R 01 020C (Hermann-Herder-Straße 9) Wed, 18-20h, R 01 020C (Hermann-Herder-Straße 9)		
Course Description	<p>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?</p> <p>It is easy to overlook the marvelous functions our body performs routinely and on a day-to-day basis for decades.</p> <p>In this course we will analyze, discuss, and elaborate on the mechanisms, principles, and interactions underlying human life and its manifold functions, i.e. physiology.</p> <p>Starting with the basic principles of cells and their biochemistry and function, and continuing with coordination and cooperation of these cells within tissues, the course will cover the major human organs and their functions. This will include a detailed examination of nervous function and the brain, of muscle contraction and the skeleton, of gas exchange and transport within the cardiovascular system, and many more. A more in-depth look will be provided of the digestive system including substance uptake and excretion, energy metabolism and the affected organs.</p> <p>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.</p>		
Remarks	none		

4.6 Study Area: Multiple

Maths and Physics			
Course Number	00LE62VS-LAS-LSEE0003	Teaching Period	University semester
Study Area(s)	Earth and Environmental Sciences, Life Sciences	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Maths and Physics	Module(s) (StuPo 2015)	Maths and Physics
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Earth and Environmental Sciences and/or Introduction to Life Sciences		
Instructor(s)	Dr. Benoit Louvel (louvel.b@gmail.com)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 08-10, KG 1108 Wed, 08-10, R 00 003a (Hermann-Herder-Straße 9) WG: Fri, 10-12, Bismarckallee 22, R4		
Course Description	<p>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.</p> <p>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 Mechanics and Electro-Magnetism 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.</p>		
Remarks	Students majoring in Earth and Environmental Sciences or Life Sciences have priority.		

Advanced Statistics			
Course Number	00LE62VS-LAS-GOLSEE0002	Teaching Period	University semester
Study Area(s)	Life Sciences, Earth and Environmental Sciences, Governance, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced LS I or II, Specialization Option EES I or II, Qualitative and Quantitative Methods (Governance)	Module(s) (StuPo 2015)	Methods (LS) Advanced LS I, II or III Specialization Option: EES I or II, Qualitative and Quantitative Methods (Governance)
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Dealing with Numerical Information		
Instructor(s)	Dr. Anne-Christine Mupepele (anne-christine.mupepele@ucf.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 10-12h, AU 01036a Wed, 10-12h, AU 01036a		
Course Description	The course builds upon and continues the content covered in DNI I and extends it to a broad range of statistical methods used in geography, ecology, life science and political science such as ANOVA, multiple regression models, time series and permutation tests. The theory explained in one session will be directly applied in the statistical software R in the next session. Project work will be done to practice the whole process from an experimental design to the appropriate data analysis with the available statistical methods.		
Remarks	Students from the Life Sciences taking this course for the "Methods" module will get priority over other students during the course place assignment.		

Culture and Politics in the Cold War (1945-1991)			
Course Number	00LE62S-LAS-CHGO0006	Teaching Period	University semester
Study Area(s)	Culture and History, Governance, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Culture and History Since the Early Modern Period Advanced C&H I or II Advanced GOV I or II	Module(s) (StuPo 2015)	Culture and History Since the Early Modern Period Advanced C&H I, II or III Advanced GOV I or II
Open to Students	Years 2, 3, 4	Max. Enrollment	20
Prerequisites	Introduction to Culture and History		
Instructor(s)	Dr. Iannis Carras (ianniscarras@hotmail.com) Michel Abesser (michel.abesser@geschichte.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 08-10h, AU 01065 Wed, 08-10h, AU 01065		
Course Description	<p>For almost half a century a geopolitical contest between two superpowers structured the world into competing camps. The cultural contest that this engendered was a unique historical phenomenon. Earlier imperial conflicts had not involved, at least to a comparable extent, the struggle between chess-players and musicians, sports-women/men and astro/cosmonauts, film directors and scientists, architects and economists, with each side laying claim to the idea of progress and the heritage of the European Enlightenment. For this was a battle of ideologies, modernism and tradition, atheism and religion, capitalism and communism, often ill-defined, always interwoven, brutally contrasted. Race and gender became battlefields. The US was to suffer defeats and, at least in the short and medium term, the USSR won significant victories. And yet, particularly after Stalin, the dancers kept on defecting.</p> <p>This new course taught jointly by Iannis Carras and Michel Abesser will combine theory and narrative to examine the interaction between politics and culture during the period between 1945 and 1991. The focus will be on culture and power as projected by the US and the USSR, with more than a glance at the aligned and non-aligned countries they sought and fought to influence. The course will be structured around four main themes: ideas, places, actors and modes of conflict. It will be highly interactive, including a project on sources and a proposal for an exhibition connected to the cultural diplomacy of the period. It is only through a restaging of this cultural Cold War that the seriousness of the Soviet ideological challenge may be understood.</p>		
Remarks	none		

Faszination Wissenschaft: Beziehungen in der Arbeitswelt			
Course Number	00LE62S-LAS-GO0036	Teaching Period	University semester
Study Area(s)	Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Elective module (Joker)	Module(s) (StuPo 2015)	Elective module (Joker)
Open to Students	Years 2, 3, 4	Max. Enrollment	12
Prerequisites	Fluency in the German language (course is taught in German).		
Instructor(s)	Prof. Dr. Olaf N. Rank Oliver Roßmannek (Oliver.Rossmannek@vwl.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 23.10.-09.02. Mon, 16-18h, KG II, Room 2330 (3. OG) Additional date: Fri, 01.12., 10-14h, KG 1108		
Course Description	Unsere Arbeitswelt ist geprägt durch Beziehungen: Kollegen pflegen Freundschaften, Automobilzulieferer koordinieren internationale Lieferantennetzwerke, Lobbyisten pflegen täglich Beziehungen zu den Mächtigen der Welt. Wie lassen sich diese Beziehungen darstellen und analysieren? Gibt es Gemeinsamkeiten im Beziehungsverhalten von Fischeschwärmen, Softwareentwicklern und Großunternehmen?		
Remarks	none		

Faszination Wissenschaft: Schlaf und Schlafstörungen			
Course Number	00LE62S-LAS-CHLS0001	Teaching Period	University semester
Study Area(s)	Life Sciences, Culture and History, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Specialization Option: Culture Specialization Option: History Specialization Option: LS I or II	Module(s) (StuPo 2015)	Specialization Option C&H I or II Specialization Option: LS I or II
Open to Students	Years 2, 3, 4	Max. Enrollment	12
Prerequisites	Fluency in the German language (course is taught in German).		
Instructor(s)	PD Dr. Dr. Kai Spiegelhalder (Kai.Spiegelhalder@uniklinik-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Mon, 17:30-19:30h, Bibliothek der Klinik für Psychiatrie und Psychotherapie (2. OG main building) Additional date: Fri, 01.12., 10-14h, KG 1108		
Course Description	Was ist Schlaf? Warum schlafen wir? Wie haben sich Schlafgewohnheiten im Verlauf der Geschichte verändert? Und hat das irgendetwas mit unserer Gesundheit zu tun? Das Thema Schlaf und Schlafstörungen kann aus vielfältigen Perspektiven betrachtet werden, dazu gehören Medizin, Biologie, aber auch Psychologie, Erziehungswissenschaften, Geschichte, Theologie, Kunst und Musik, Ökonomie und Informatik.		
Remarks	none		

Faszination Wissenschaft: Gentechnische Veränderung des Erbguts – Überblick über die Möglichkeiten, rechtliche Herausforderungen und ethische Grenzen			
Course Number	00LE62S-LAS-LS0021	Teaching Period	University semester
Study Area(s)	Life Sciences, Electives	Credit Points	6 ECTS
Module(s) (StuPo 2012)	Advanced LS I or II	Module(s) (StuPo 2015)	Advanced LS I, II or III
Open to Students	Years 2, 3, 4	Max. Enrollment	12
Prerequisites	Fluency in the German language (course is taught in German).		
Instructor(s)	Dr. Roland Thünauer (roland.thuenauer@bioss.uni-freiburg.de)		
Format, Dates, Times and Rooms	Seminar 16.10.-09.02.: Thu, 18-20h, BIOSs Signalhaus, Schänzlestr. 18, Seminarraum Additional date: Fri, 01.12., 10-14h, KG 1108		
Course Description	Neueste gentechnische Entwicklungen eröffnen vielfältige Möglichkeiten: die Heilung von Krankheiten, die Entwicklung neuer hochleistungsfähiger Nutzpflanzen, aber auch die Erzeugung neuer Lebewesen nach bestimmten Vorgaben. Welche ethischen und rechtlichen Fragen werfen diese Möglichkeiten auf? Wo liegen die Grenzen?		
Remarks	none		